

# SAFETY DATA SHEET

ADVIA® Centaur Anti-HCV, 200 Test

SDS no.:

03438099

## SECTION 1: Identification of the substance/mixture and of the company/undertaking

### 1.1 Product identifier

**Product name** : ADVIA® Centaur Anti-HCV, 200 Test  
**Product code** : 03438099, 10309061

### 1.2 Relevant identified uses of the substance or mixture and uses advised against

**Identified uses**

ADVIA® Centaur Anti-HCV Lite Reagent	Diagnostic agents.
ADVIA® Centaur Anti-HCV Solid Phase	Diagnostic agents.
ADVIA® Centaur Anti-HCV NS5 Ancillary Cavity Reagent	Diagnostic agents.
ADVIA® Centaur Anti-HCV Calibrator Lo	Diagnostic agents.
ADVIA® Centaur Anti-HCV Calibrator Hi	Diagnostic agents.
ADVIA® Centaur Anti-HCV Sample Diluent	Diagnostic agents.

**Restrictions on use** For professional users only.

**Supplier** : Siemens Healthcare Diagnostics Limited  
 Park View,  
 Watchmoor Park,  
 Camberley,  
 Surrey,  
 GU15 3YL  
 United Kingdom

Phone: +44 (0) 345 600 1955

**e-mail address of person responsible for this SDS** : dx.msds.healthcare@siemens-healthineers.com

### 1.4 Emergency telephone number

CHEMTREC: +44 20 3807 3798

## SECTION 2: Hazards identification

### 2.1 Classification of the substance or mixture

**Product definition** :

ADVIA® Centaur Anti-HCV Lite Reagent	Mixture
ADVIA® Centaur Anti-HCV Solid Phase	Mixture
ADVIA® Centaur Anti-HCV NS5 Ancillary Cavity Reagent	Mixture
ADVIA® Centaur Anti-HCV Calibrator Lo	Mixture
ADVIA® Centaur Anti-HCV Calibrator Hi	Mixture
ADVIA® Centaur Anti-HCV Sample Diluent	Mixture

#### Classification according to UK CLP/GHS

##### **ADVIA® Centaur Anti-HCV Calibrator Lo**

Skin Sens. 1, H317  
 Aquatic Chronic 3, H412

##### **ADVIA® Centaur Anti-HCV Calibrator Hi**

Skin Sens. 1, H317  
 Aquatic Chronic 3, H412

The product is not classified as hazardous according to UK CLP Regulation SI 2019/720 as amended.  
 See Section 16 for the full text of the H statements declared above.

## SECTION 2: Hazards identification

See Section 11 for more detailed information on health effects and symptoms.

### 2.2 Label elements

#### Hazard pictograms

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#### Signal word

ADVIA® Centaur Anti-HCV Lite Reagent	No signal word.
ADVIA® Centaur Anti-HCV Solid Phase	No signal word.
ADVIA® Centaur Anti-HCV NS5 Ancillary Cavity Reagent	No signal word.
ADVIA® Centaur Anti-HCV Calibrator Lo	Warning
ADVIA® Centaur Anti-HCV Calibrator Hi	Warning
ADVIA® Centaur Anti-HCV Sample Diluent	No signal word.

#### Hazard statements

ADVIA® Centaur Anti-HCV Lite Reagent	No known significant effects or critical hazards.
ADVIA® Centaur Anti-HCV Solid Phase	No known significant effects or critical hazards.
ADVIA® Centaur Anti-HCV NS5 Ancillary Cavity Reagent	No known significant effects or critical hazards.
ADVIA® Centaur Anti-HCV Calibrator Lo	H317 - May cause an allergic skin reaction. H412 - Harmful to aquatic life with long lasting effects.
ADVIA® Centaur Anti-HCV Calibrator Hi	H317 - May cause an allergic skin reaction. H412 - Harmful to aquatic life with long lasting effects.
ADVIA® Centaur Anti-HCV Sample Diluent	No known significant effects or critical hazards.

#### Precautionary statements

#### Prevention

ADVIA® Centaur Anti-HCV Lite Reagent	Not applicable.
ADVIA® Centaur Anti-HCV Solid Phase	Not applicable.
ADVIA® Centaur Anti-HCV NS5 Ancillary Cavity Reagent	Not applicable.
ADVIA® Centaur Anti-HCV Calibrator Lo	P280 - Wear protective gloves/protective clothing/eye protection/face protection. P273 - Avoid release to the environment.
ADVIA® Centaur Anti-HCV Calibrator Hi	P280 - Wear protective gloves/protective clothing/eye protection/face protection. P273 - Avoid release to the environment.
ADVIA® Centaur Anti-HCV Sample Diluent	Not applicable.

#### Response

ADVIA® Centaur Anti-HCV Lite Reagent	Not applicable.
ADVIA® Centaur Anti-HCV Solid Phase	Not applicable.
ADVIA® Centaur Anti-HCV NS5 Ancillary Cavity Reagent	Not applicable.
ADVIA® Centaur Anti-HCV Calibrator Lo	P302 + P352 - IF ON SKIN: Wash with plenty of soap and water. P333 + P313 - If skin irritation or rash occurs: Get medical advice/attention. P362 + P364 - Take off contaminated clothing and wash it before reuse.
ADVIA® Centaur Anti-HCV Calibrator Hi	P302 + P352 - IF ON SKIN: Wash with plenty of soap and water. P333 + P313 - If skin irritation or rash occurs: Get medical advice/attention. P362 + P364 - Take off contaminated

## SECTION 2: Hazards identification

		ADVIA® Centaur Anti-HCV Sample Diluent	clothing and wash it before reuse. Not applicable.
<b>Storage</b>	:	ADVIA® Centaur Anti-HCV Lite Reagent ADVIA® Centaur Anti-HCV Solid Phase ADVIA® Centaur Anti-HCV NS5 Ancillary Cavity Reagent	Not applicable. Not applicable. Not applicable.
	:	ADVIA® Centaur Anti-HCV Calibrator Lo ADVIA® Centaur Anti-HCV Calibrator Hi ADVIA® Centaur Anti-HCV Sample Diluent	Not applicable. Not applicable. Not applicable.
<b>Disposal</b>	:	ADVIA® Centaur Anti-HCV Lite Reagent ADVIA® Centaur Anti-HCV Solid Phase ADVIA® Centaur Anti-HCV NS5 Ancillary Cavity Reagent ADVIA® Centaur Anti-HCV Calibrator Lo	Not applicable. Not applicable. Not applicable. P501 - Dispose of contents and container in accordance with all local, regional, national and international regulations.
	:	ADVIA® Centaur Anti-HCV Calibrator Hi	P501 - Dispose of contents and container in accordance with all local, regional, national and international regulations.
	:	ADVIA® Centaur Anti-HCV Sample Diluent	Not applicable.
<b>Supplemental label elements</b>	:	ADVIA® Centaur Anti-HCV Lite Reagent ADVIA® Centaur Anti-HCV Solid Phase ADVIA® Centaur Anti-HCV NS5 Ancillary Cavity Reagent	Not applicable. Not applicable. Not applicable.
	:	ADVIA® Centaur Anti-HCV Calibrator Lo ADVIA® Centaur Anti-HCV Calibrator Hi ADVIA® Centaur Anti-HCV Sample Diluent	Not applicable. Not applicable. Not applicable.
<b>Annex XVII - Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles</b>	:	ADVIA® Centaur Anti-HCV Lite Reagent ADVIA® Centaur Anti-HCV Solid Phase ADVIA® Centaur Anti-HCV NS5 Ancillary Cavity Reagent	Not applicable. Not applicable. Not applicable.
	:	ADVIA® Centaur Anti-HCV Calibrator Lo ADVIA® Centaur Anti-HCV Calibrator Hi ADVIA® Centaur Anti-HCV Sample Diluent	Not applicable. Not applicable. Not applicable.
<b>2.3 Other hazards</b>			
<b>Product meets the criteria for PBT or vPvB according to Regulation (EC) No. 1907/2006, Annex XIII</b>	:	ADVIA® Centaur Anti-HCV Lite Reagent	This mixture does not contain any substances that are assessed to be a PBT or a vPvB.
	:	ADVIA® Centaur Anti-HCV Solid Phase	This mixture does not contain any substances that are assessed to be a PBT or a vPvB.
	:	ADVIA® Centaur Anti-HCV NS5 Ancillary Cavity Reagent	This mixture does not contain any substances that are assessed to be a PBT or a vPvB.
	:	ADVIA® Centaur Anti-HCV Calibrator Lo	This mixture does not contain any substances that are assessed to be a PBT or a vPvB.
	:	ADVIA® Centaur Anti-HCV Calibrator Hi	This mixture does not contain any substances that are assessed to be a PBT or a vPvB.
	:	ADVIA® Centaur Anti-HCV Sample Diluent	This mixture does not contain any substances that are assessed to be a PBT or a vPvB.

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## SECTION 2: Hazards identification

**Other hazards which do not result in classification** : ADVIA® Centaur Anti-HCV Lite Reagent None known.  
 ADVIA® Centaur Anti-HCV Solid Phase None known.  
 ADVIA® Centaur Anti-HCV NS5 Ancillary Cavity Reagent None known.  
 ADVIA® Centaur Anti-HCV Calibrator Lo None known.  
 ADVIA® Centaur Anti-HCV Calibrator Hi None known.  
 ADVIA® Centaur Anti-HCV Sample Diluent None known.

**Additional information** : Not available.

Sodium azide may react with lead or copper plumbing to form highly explosive metal azides.

## SECTION 3: Composition/information on ingredients

**3.1 Substances** : ADVIA® Centaur Anti-HCV Lite Reagent Mixture  
 ADVIA® Centaur Anti-HCV Solid Phase Mixture  
 ADVIA® Centaur Anti-HCV NS5 Ancillary Cavity Reagent Mixture  
 ADVIA® Centaur Anti-HCV Calibrator Lo Mixture  
 ADVIA® Centaur Anti-HCV Calibrator Hi Mixture  
 ADVIA® Centaur Anti-HCV Sample Diluent Mixture

Product/ingredient name	Identifiers	%	Classification	Type
<b>ADVIA® Centaur Anti-HCV Lite Reagent</b> Poly(oxy-1,2-ethanediyl), α-[4-(1,1,3,3-tetramethylbutyl)phenyl]-ω-hydroxy-	CAS: 9002-93-1	≤0.3	Acute Tox. 4, H302 Eye Irrit. 2, H319 Aquatic Chronic 2, H411	[1] [2]
<b>ADVIA® Centaur Anti-HCV NS5 Ancillary Cavity Reagent</b> Poly(oxy-1,2-ethanediyl), α-[4-(1,1,3,3-tetramethylbutyl)phenyl]-ω-hydroxy-	CAS: 9002-93-1	≤0.3	Acute Tox. 4, H302 Eye Irrit. 2, H319 Aquatic Chronic 2, H411	[1] [2]
<b>ADVIA® Centaur Anti-HCV Calibrator Lo</b> sodium azide	EC: 247-852-1 CAS: 26628-22-8 Index: 011-004-00-7	<0.1	Acute Tox. 2, H300 Acute Tox. 1, H310 Aquatic Acute 1, H400 (M=1) Aquatic Chronic 1, H410 (M=1) EUH032	[1] [2]
reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1)	CAS: 55965-84-9 Index: 613-167-00-5	<0.025	Acute Tox. 3, H301 Acute Tox. 2, H310 Acute Tox. 2, H330 Skin Corr. 1C, H314 Eye Dam. 1, H318 Skin Sens. 1A, H317 Aquatic Acute 1, H400 (M=100) Aquatic Chronic 1, H410 (M=100) EUH071	[1]
<b>ADVIA® Centaur Anti-HCV Calibrator Hi</b> sodium azide	EC: 247-852-1 CAS: 26628-22-8	<0.1	Acute Tox. 2, H300 Acute Tox. 1, H310	[1] [2]

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<p>reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1)</p>	<p>Index: 011-004-00-7  CAS: 55965-84-9 Index: 613-167-00-5</p>	<p>&lt;0.025</p>	<p>Aquatic Acute 1, H400 (M=1) Aquatic Chronic 1, H410 (M=1) EUH032 Acute Tox. 3, H301 Acute Tox. 2, H310 Acute Tox. 2, H330 Skin Corr. 1C, H314 Eye Dam. 1, H318 Skin Sens. 1A, H317 Aquatic Acute 1, H400 (M=100) Aquatic Chronic 1, H410 (M=100) EUH071 <b>See Section 16 for the full text of the H statements declared above.</b></p>	<p>[1]</p>
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Type

Occupational exposure limits, if available, are listed in Section 8.

### SECTION 4: First aid measures

#### 4.1 Description of first aid measures

<p><b>Eye contact</b></p>	<p>: ADVIA® Centaur Anti-HCV Lite Reagent</p>	<p>Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get medical attention if irritation occurs.</p>
	<p>ADVIA® Centaur Anti-HCV Solid Phase</p>	<p>Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get medical attention if irritation occurs.</p>
	<p>ADVIA® Centaur Anti-HCV NS5 Ancillary Cavity Reagent</p>	<p>Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get medical attention if irritation occurs.</p>
	<p>ADVIA® Centaur Anti-HCV Calibrator Lo</p>	<p>Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 10 minutes. Get medical attention if irritation occurs.</p>
	<p>ADVIA® Centaur Anti-HCV Calibrator Hi</p>	<p>Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 10 minutes. Get medical attention if irritation occurs.</p>
	<p>ADVIA® Centaur Anti-HCV Sample Diluent</p>	<p>Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get medical attention if irritation occurs.</p>

## SECTION 4: First aid measures

<b>Inhalation</b>	: ADVIA® Centaur Anti-HCV Lite Reagent	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur. In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours.
	ADVIA® Centaur Anti-HCV Solid Phase	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.
	ADVIA® Centaur Anti-HCV NS5 Ancillary Cavity Reagent	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur. In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours.
	ADVIA® Centaur Anti-HCV Calibrator Lo	Remove victim to fresh air and keep at rest in a position comfortable for breathing. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Get medical attention if adverse health effects persist or are severe. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.
	ADVIA® Centaur Anti-HCV Calibrator Hi	Remove victim to fresh air and keep at rest in a position comfortable for breathing. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Get medical attention if adverse health effects persist or are severe. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.
	ADVIA® Centaur Anti-HCV Sample Diluent	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.
<b>Skin contact</b>	: ADVIA® Centaur Anti-HCV Lite Reagent	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.
	ADVIA® Centaur Anti-HCV Solid Phase	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.
	ADVIA® Centaur Anti-HCV NS5 Ancillary Cavity Reagent	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if

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	ADVIA® Centaur Anti-HCV Calibrator Lo	<p>symptoms occur. Wash with plenty of soap and water. Remove contaminated clothing and shoes. Wash contaminated clothing thoroughly with water before removing it, or wear gloves. Continue to rinse for at least 10 minutes. Get medical attention. In the event of any complaints or symptoms, avoid further exposure. Wash clothing before reuse. Clean shoes thoroughly before reuse.</p>
	ADVIA® Centaur Anti-HCV Calibrator Hi	<p>Wash with plenty of soap and water. Remove contaminated clothing and shoes. Wash contaminated clothing thoroughly with water before removing it, or wear gloves. Continue to rinse for at least 10 minutes. Get medical attention. In the event of any complaints or symptoms, avoid further exposure. Wash clothing before reuse. Clean shoes thoroughly before reuse.</p>
	ADVIA® Centaur Anti-HCV Sample Diluent	<p>Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.</p>
<b>Ingestion</b>	: ADVIA® Centaur Anti-HCV Lite Reagent	<p>Wash out mouth with water. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur.</p>
	ADVIA® Centaur Anti-HCV Solid Phase	<p>Wash out mouth with water. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur.</p>
	ADVIA® Centaur Anti-HCV NS5 Ancillary Cavity Reagent	<p>Wash out mouth with water. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur.</p>
	ADVIA® Centaur Anti-HCV Calibrator Lo	<p>Wash out mouth with water. Remove dentures if any. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Stop if the exposed person feels sick as vomiting may be dangerous. Do not induce vomiting unless directed to do so by medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Get medical attention if adverse health effects persist or are severe. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing</p>

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ADVIA® Centaur Anti-HCV Calibrator Hi	such as a collar, tie, belt or waistband. Wash out mouth with water. Remove dentures if any. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Stop if the exposed person feels sick as vomiting may be dangerous. Do not induce vomiting unless directed to do so by medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Get medical attention if adverse health effects persist or are severe. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.
ADVIA® Centaur Anti-HCV Sample Diluent	Wash out mouth with water. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur.
<b>Protection of first-aiders</b> : ADVIA® Centaur Anti-HCV Lite Reagent ADVIA® Centaur Anti-HCV Solid Phase ADVIA® Centaur Anti-HCV NS5 Ancillary Cavity Reagent ADVIA® Centaur Anti-HCV Calibrator Lo	No action shall be taken involving any personal risk or without suitable training. No action shall be taken involving any personal risk or without suitable training. No action shall be taken involving any personal risk or without suitable training. No action shall be taken involving any personal risk or without suitable training. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Wash contaminated clothing thoroughly with water before removing it, or wear gloves.
ADVIA® Centaur Anti-HCV Calibrator Hi	No action shall be taken involving any personal risk or without suitable training. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Wash contaminated clothing thoroughly with water before removing it, or wear gloves.
ADVIA® Centaur Anti-HCV Sample Diluent	No action shall be taken involving any personal risk or without suitable training.

### 4.2 Most important symptoms and effects, both acute and delayed

#### Over-exposure signs/symptoms

<b>Eye contact</b>	: ADVIA® Centaur Anti-HCV Lite Reagent ADVIA® Centaur Anti-HCV Solid Phase ADVIA® Centaur Anti-HCV NS5 Ancillary Cavity Reagent ADVIA® Centaur Anti-HCV Calibrator Lo ADVIA® Centaur Anti-HCV Calibrator Hi ADVIA® Centaur Anti-HCV Sample Diluent	No specific data. No specific data. No specific data. No specific data. No specific data. No specific data. No specific data.
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## SECTION 4: First aid measures

<b>Inhalation</b>	: ADVIA® Centaur Anti-HCV Lite Reagent ADVIA® Centaur Anti-HCV Solid Phase ADVIA® Centaur Anti-HCV NS5 Ancillary Cavity Reagent ADVIA® Centaur Anti-HCV Calibrator Lo ADVIA® Centaur Anti-HCV Calibrator Hi ADVIA® Centaur Anti-HCV Sample Diluent	No specific data. No specific data. No specific data. No specific data. No specific data. No specific data. No specific data.
<b>Skin contact</b>	: ADVIA® Centaur Anti-HCV Lite Reagent ADVIA® Centaur Anti-HCV Solid Phase ADVIA® Centaur Anti-HCV NS5 Ancillary Cavity Reagent ADVIA® Centaur Anti-HCV Calibrator Lo  ADVIA® Centaur Anti-HCV Calibrator Hi  ADVIA® Centaur Anti-HCV Sample Diluent	No specific data. No specific data. No specific data. No specific data. Adverse symptoms may include the following: irritation redness Adverse symptoms may include the following: irritation redness No specific data.
<b>Ingestion</b>	: ADVIA® Centaur Anti-HCV Lite Reagent ADVIA® Centaur Anti-HCV Solid Phase ADVIA® Centaur Anti-HCV NS5 Ancillary Cavity Reagent ADVIA® Centaur Anti-HCV Calibrator Lo ADVIA® Centaur Anti-HCV Calibrator Hi ADVIA® Centaur Anti-HCV Sample Diluent	No specific data. No specific data. No specific data. No specific data. No specific data. No specific data. No specific data.

### 4.3 Indication of any immediate medical attention and special treatment needed

<b>Notes to physician</b>	: ADVIA® Centaur Anti-HCV Lite Reagent  ADVIA® Centaur Anti-HCV Solid Phase  ADVIA® Centaur Anti-HCV NS5 Ancillary Cavity Reagent  ADVIA® Centaur Anti-HCV Calibrator Lo  ADVIA® Centaur Anti-HCV Calibrator Hi  ADVIA® Centaur Anti-HCV Sample Diluent	In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours. Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled. In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours. Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled. Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
<b>Specific treatments</b>	: ADVIA® Centaur Anti-HCV Lite Reagent ADVIA® Centaur Anti-HCV Solid Phase ADVIA® Centaur Anti-HCV NS5 Ancillary Cavity Reagent ADVIA® Centaur Anti-HCV Calibrator Lo ADVIA® Centaur Anti-HCV Calibrator Hi ADVIA® Centaur Anti-HCV Sample Diluent	No specific treatment. No specific treatment. No specific treatment. No specific treatment. No specific treatment. No specific treatment.

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ADVIA® Centaur Anti-HCV Lite Reagent	Not available.
ADVIA® Centaur Anti-HCV Solid Phase	Not available.
ADVIA® Centaur Anti-HCV NS5 Ancillary Cavity Reagent	Not available.
ADVIA® Centaur Anti-HCV Calibrator Lo	Not available.
ADVIA® Centaur Anti-HCV Calibrator Hi	Not available.
ADVIA® Centaur Anti-HCV Sample Diluent	Not available.

## SECTION 5: Firefighting measures

### 5.1 Extinguishing media

**Suitable extinguishing media** : Use an extinguishing agent suitable for the surrounding fire.

**Unsuitable extinguishing media** : None known.

### 5.2 Special hazards arising from the substance or mixture

**Hazards from the substance or mixture** : In a fire or if heated, a pressure increase will occur and the container may burst.

**Hazardous combustion products** : Decomposition products may include the following materials:  
halogenated compounds  
metal oxide/oxides

### 5.3 Advice for firefighters

**Special protective actions for fire-fighters** : Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.

**Special protective equipment for fire-fighters** : Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

## SECTION 6: Accidental release measures

### 6.1 Personal precautions, protective equipment and emergency procedures

**For non-emergency personnel** : No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilt material. Put on appropriate personal protective equipment.

**For emergency responders** : If specialised clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".

**6.2 Environmental precautions** : Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).

### 6.3 Methods and material for containment and cleaning up

**Small spill** : Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.

**Large spill** : Stop leak if without risk. Move containers from spill area. Prevent entry into sewers, water courses, basements or confined areas. Wash spillages into an effluent treatment plant or proceed as follows. Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations (see Section 13). Dispose of via a licensed waste disposal contractor. Note: see Section 1 for emergency contact information and Section 13 for waste disposal.

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## SECTION 6: Accidental release measures

**6.4 Reference to other sections** : See Section 1 for emergency contact information.  
See Section 8 for information on appropriate personal protective equipment.  
See Section 13 for additional waste treatment information.

## SECTION 7: Handling and storage

### 7.1 Precautions for safe handling

**Protective measures** : Put on appropriate personal protective equipment (see Section 8).  
**Advice on general occupational hygiene** : Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.

### 7.2 Conditions for safe storage, including any incompatibilities

Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabelled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use.

### 7.3 Specific end use(s)

**Recommendations** : Not available.  
**Industrial sector specific solutions** : Not available.

## SECTION 8: Exposure controls/personal protection

### 8.1 Control parameters

#### Occupational exposure limits

Product/ingredient name	Exposure limit values
ADVIA® Centaur Anti-HCV Calibrator Lo sodium azide	<b>EH40/2005 WELs (United Kingdom (UK), 1/2020). Absorbed through skin.</b> STEL: 0.3 mg/m <sup>3</sup> , (as NaN <sub>3</sub> ) 15 minutes. TWA: 0.1 mg/m <sup>3</sup> , (as NaN <sub>3</sub> ) 8 hours.
ADVIA® Centaur Anti-HCV Calibrator Hi sodium azide	<b>EH40/2005 WELs (United Kingdom (UK), 1/2020). Absorbed through skin.</b> STEL: 0.3 mg/m <sup>3</sup> , (as NaN <sub>3</sub> ) 15 minutes. TWA: 0.1 mg/m <sup>3</sup> , (as NaN <sub>3</sub> ) 8 hours.

**Recommended monitoring procedures** : If this product contains ingredients with exposure limits, personal, workplace atmosphere or biological monitoring may be required to determine the effectiveness of the ventilation or other control measures and/or the necessity to use respiratory protective equipment. Reference should be made to appropriate monitoring standards. Reference to national guidance documents for methods for the determination of hazardous substances will also be required.

#### DNELs/DMELs

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## SECTION 8: Exposure controls/personal protection

Product/ingredient name	Type	Exposure	Value	Population	Effects	
<b>ADVIA® Centaur Anti-HCV Calibrator Lo</b> sodium azide  reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1)	DNEL	Long term Oral	16.7 µg/kg bw/day	General population	Systemic	
	DNEL	Long term Dermal	16.7 µg/kg bw/day	General population	Systemic	
	DNEL	Long term Inhalation	29 µg/m <sup>3</sup>	General population	Systemic	
	DNEL	Long term Dermal	46.7 µg/kg bw/day	Workers	Systemic	
	DNEL	Long term Inhalation	0.164 mg/m <sup>3</sup>	Workers	Systemic	
	DNEL	Long term Inhalation	0.02 mg/m <sup>3</sup>	General population	Local	
	DNEL	Long term Inhalation	0.02 mg/m <sup>3</sup>	Workers	Local	
	DNEL	Short term Inhalation	0.04 mg/m <sup>3</sup>	General population	Local	
	DNEL	Short term Inhalation	0.04 mg/m <sup>3</sup>	Workers	Local	
	DNEL	Long term Oral	0.09 mg/kg bw/day	General population	Systemic	
	DNEL	Short term Oral	0.11 mg/kg bw/day	General population	Systemic	
	<b>ADVIA® Centaur Anti-HCV Calibrator Hi</b> sodium azide  reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1)	DNEL	Long term Oral	16.7 µg/kg bw/day	General population	Systemic
		DNEL	Long term Dermal	16.7 µg/kg bw/day	General population	Systemic
		DNEL	Long term Inhalation	29 µg/m <sup>3</sup>	General population	Systemic
DNEL		Long term Dermal	46.7 µg/kg bw/day	Workers	Systemic	
DNEL		Long term Inhalation	0.164 mg/m <sup>3</sup>	Workers	Systemic	
DNEL		Long term Inhalation	0.02 mg/m <sup>3</sup>	General population	Local	
DNEL		Long term Inhalation	0.02 mg/m <sup>3</sup>	Workers	Local	
DNEL		Short term Inhalation	0.04 mg/m <sup>3</sup>	General population	Local	
DNEL		Short term Inhalation	0.04 mg/m <sup>3</sup>	Workers	Local	
DNEL		Long term Oral	0.09 mg/kg bw/day	General population	Systemic	
DNEL		Short term Oral	0.11 mg/kg bw/day	General population	Systemic	

### PNECs

No PNECs available

### 8.2 Exposure controls

## SECTION 8: Exposure controls/personal protection

**Appropriate engineering controls** : Good general ventilation should be sufficient to control worker exposure to airborne contaminants.

### Individual protection measures

**Hygiene measures** : Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.

**Eye/face protection** : Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases or dusts. If contact is possible, the following protection should be worn, unless the assessment indicates a higher degree of protection: safety glasses with side-shields.

### Skin protection

**Hand protection** : Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary.

**Body protection** : Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

**Other skin protection** : Appropriate footwear and any additional skin protection measures should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

**Respiratory protection** : Based on the hazard and potential for exposure, select a respirator that meets the appropriate standard or certification. Respirators must be used according to a respiratory protection program to ensure proper fitting, training, and other important aspects of use.

**Environmental exposure controls** : Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.

## SECTION 9: Physical and chemical properties

The conditions of measurement of all properties are at standard temperature and pressure unless otherwise indicated.

### 9.1 Information on basic physical and chemical properties

#### Appearance

**Physical state** : ADVIA® Centaur Anti-HCV Lite Reagent Liquid.  
 ADVIA® Centaur Anti-HCV Solid Phase Liquid.  
 ADVIA® Centaur Anti-HCV NS5 Liquid.  
 Ancillary Cavity Reagent  
 ADVIA® Centaur Anti-HCV Calibrator Liquid.  
 Lo  
 ADVIA® Centaur Anti-HCV Calibrator Hi Liquid.  
 ADVIA® Centaur Anti-HCV Sample Liquid.  
 Diluent

**Colour** : ADVIA® Centaur Anti-HCV Lite Reagent Colourless.  
 ADVIA® Centaur Anti-HCV Solid Phase Brown.  
 ADVIA® Centaur Anti-HCV NS5 Colourless.  
 Ancillary Cavity Reagent  
 ADVIA® Centaur Anti-HCV Calibrator Colourless to light yellow.  
 Lo  
 ADVIA® Centaur Anti-HCV Calibrator Hi Colourless to light yellow.  
 ADVIA® Centaur Anti-HCV Sample Colourless.  
 Diluent

## SECTION 9: Physical and chemical properties

<b>Odour</b>	: ADVIA® Centaur Anti-HCV Lite Reagent Odourless. ADVIA® Centaur Anti-HCV Solid Phase Odourless. ADVIA® Centaur Anti-HCV NS5 Odourless. Ancillary Cavity Reagent ADVIA® Centaur Anti-HCV Calibrator Lo Bland. ADVIA® Centaur Anti-HCV Calibrator Hi Bland. ADVIA® Centaur Anti-HCV Sample Diluent Odourless.
<b>Odour threshold</b>	: Not relevant/applicable due to nature of the product.
<b>Melting point/freezing point</b>	: Not relevant/applicable due to nature of the product.
<b>Softening point</b>	: Not relevant/applicable due to nature of the product.
<b>Sublimation temperature</b>	: Not relevant/applicable due to nature of the product.
<b>Initial boiling point and boiling range</b>	: ADVIA® Centaur Anti-HCV Lite Reagent Not available. ADVIA® Centaur Anti-HCV Solid Phase Not available. ADVIA® Centaur Anti-HCV NS5 Not available. Ancillary Cavity Reagent ADVIA® Centaur Anti-HCV Calibrator Lo Not available. ADVIA® Centaur Anti-HCV Calibrator Hi Not available. ADVIA® Centaur Anti-HCV Sample Diluent Not available.
<b>Flammability (solid, gas)</b>	: ADVIA® Centaur Anti-HCV Lite Reagent Not relevant/applicable due to nature of the product. ADVIA® Centaur Anti-HCV Solid Phase Not relevant/applicable due to nature of the product. ADVIA® Centaur Anti-HCV NS5 Ancillary Cavity Reagent Not relevant/applicable due to nature of the product. ADVIA® Centaur Anti-HCV Calibrator Lo Not relevant/applicable due to nature of the product. ADVIA® Centaur Anti-HCV Calibrator Hi Not relevant/applicable due to nature of the product. ADVIA® Centaur Anti-HCV Sample Diluent Not relevant/applicable due to nature of the product.
<b>Upper/lower flammability or explosive limits</b>	: ADVIA® Centaur Anti-HCV Lite Reagent Not available. ADVIA® Centaur Anti-HCV Solid Phase Not available. ADVIA® Centaur Anti-HCV NS5 Ancillary Cavity Reagent Not available. ADVIA® Centaur Anti-HCV Calibrator Lo Not available. ADVIA® Centaur Anti-HCV Calibrator Hi Not available. ADVIA® Centaur Anti-HCV Sample Diluent Not available.
<b>Flash point</b>	: ADVIA® Centaur Anti-HCV Lite Reagent [Product does not sustain combustion.] ADVIA® Centaur Anti-HCV Solid Phase [Product does not sustain combustion.] ADVIA® Centaur Anti-HCV NS5 [Product does not sustain combustion.] Ancillary Cavity Reagent ADVIA® Centaur Anti-HCV Calibrator Lo [Product does not sustain combustion.] ADVIA® Centaur Anti-HCV Calibrator Hi [Product does not sustain combustion.] ADVIA® Centaur Anti-HCV Sample Diluent [Product does not sustain combustion.]

Ingredient name	Closed cup			Open cup		
	°C	°F	Method	°C	°F	Method

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## SECTION 9: Physical and chemical properties

<b>ADVIA® Centaur Anti-HCV Lite Reagent</b>						
Poly(oxy-1,2-ethanediyl), α-[4-(1,1,3,3-tetramethylbutyl)phenyl]-ω-hydroxy-	>109.85	>229.7				
<b>ADVIA® Centaur Anti-HCV Solid Phase</b>						
(R*,R*)(±)-1,4-dimercaptobutane-2,3-diol	109	228.2				
<b>ADVIA® Centaur Anti-HCV NS5 Ancillary Cavity Reagent</b>						
Poly(oxy-1,2-ethanediyl), α-[4-(1,1,3,3-tetramethylbutyl)phenyl]-ω-hydroxy-	>109.85	>229.7				
<b>ADVIA® Centaur Anti-HCV Calibrator Lo</b>						
triethyl orthoformate	35	95				
<b>ADVIA® Centaur Anti-HCV Calibrator Hi</b>						
triethyl orthoformate	35	95				
<b>ADVIA® Centaur Anti-HCV Sample Diluent</b>						
Sorbitan monolaurate, ethoxylated	275	527		>149	>300.2	

**Auto-ignition temperature** :

Ingredient name	°C	°F	Method
<b>ADVIA® Centaur Anti-HCV Lite Reagent</b>			
sodium azide	309	588.2	EU A.16
<b>ADVIA® Centaur Anti-HCV Solid Phase</b>			
sodium azide	309	588.2	EU A.16
<b>ADVIA® Centaur Anti-HCV NS5 Ancillary Cavity Reagent</b>			
sodium azide	309	588.2	EU A.16
<b>ADVIA® Centaur Anti-HCV Calibrator Lo</b>			
sodium azide	309	588.2	EU A.16
<b>ADVIA® Centaur Anti-HCV Calibrator Hi</b>			
sodium azide	309	588.2	EU A.16
<b>ADVIA® Centaur Anti-HCV Sample Diluent</b>			
sodium azide	309	588.2	EU A.16

**Decomposition temperature** : Not relevant/applicable due to nature of the product.

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## SECTION 9: Physical and chemical properties

**pH** : ADVIA® Centaur Anti-HCV Lite Reagent 7.5  
 ADVIA® Centaur Anti-HCV Solid Phase 7  
 ADVIA® Centaur Anti-HCV NS5 7.4  
 Ancillary Cavity Reagent  
 ADVIA® Centaur Anti-HCV Calibrator Lo Not applicable.  
 ADVIA® Centaur Anti-HCV Calibrator Hi Not applicable.  
 ADVIA® Centaur Anti-HCV Sample Diluent 7.3

**Viscosity** : ADVIA® Centaur Anti-HCV Lite Reagent Not available.  
 ADVIA® Centaur Anti-HCV Solid Phase Not available.  
 ADVIA® Centaur Anti-HCV NS5 Not available.  
 Ancillary Cavity Reagent  
 ADVIA® Centaur Anti-HCV Calibrator Lo Not available.  
 ADVIA® Centaur Anti-HCV Calibrator Hi Not available.  
 ADVIA® Centaur Anti-HCV Sample Diluent Not available.

**Solubility(ies)** :  
 Not available.

**Solubility in water** : Not relevant/applicable due to nature of the product.

**Miscible with water** : Not relevant/applicable due to nature of the product.

**Partition coefficient: n-octanol/ water** : Not relevant/applicable due to nature of the product.

**Vapour pressure** :

Ingredient name	Vapour Pressure at 20°C			Vapour pressure at 50°C		
	mm Hg	kPa	Method	mm Hg	kPa	Method
<b>ADVIA® Centaur Anti-HCV Lite Reagent</b>						
water	23.8	3.2				
<b>ADVIA® Centaur Anti-HCV Solid Phase</b>						
water	23.8	3.2				
<b>ADVIA® Centaur Anti-HCV NS5 Ancillary Cavity Reagent</b>						
water	23.8	3.2				
<b>ADVIA® Centaur Anti-HCV Calibrator Lo</b>						
water	23.8	3.2				
<b>ADVIA® Centaur Anti-HCV Calibrator Hi</b>						
water	23.8	3.2				
<b>ADVIA® Centaur Anti-HCV Sample Diluent</b>						
water	23.8	3.2				

**Evaporation rate** : Not relevant/applicable due to nature of the product.



## SECTION 9: Physical and chemical properties

<b>Relative density</b>	: ADVIA® Centaur Anti-HCV Lite Reagent 1 ADVIA® Centaur Anti-HCV Solid Phase 1 ADVIA® Centaur Anti-HCV NS5 1 Ancillary Cavity Reagent ADVIA® Centaur Anti-HCV Calibrator Lo 1 ADVIA® Centaur Anti-HCV Calibrator Hi 1 ADVIA® Centaur Anti-HCV Sample Diluent 1
<b>Density</b>	: ADVIA® Centaur Anti-HCV Lite Reagent Not available. ADVIA® Centaur Anti-HCV Solid Phase Not available. ADVIA® Centaur Anti-HCV NS5 Not available. Ancillary Cavity Reagent ADVIA® Centaur Anti-HCV Calibrator Lo Not available. ADVIA® Centaur Anti-HCV Calibrator Hi Not available. ADVIA® Centaur Anti-HCV Sample Diluent Not available.
<b>Vapour density</b>	: ADVIA® Centaur Anti-HCV Lite Reagent Not available. ADVIA® Centaur Anti-HCV Solid Phase Not available. ADVIA® Centaur Anti-HCV NS5 Not available. Ancillary Cavity Reagent ADVIA® Centaur Anti-HCV Calibrator Lo Not available. ADVIA® Centaur Anti-HCV Calibrator Hi Not available. ADVIA® Centaur Anti-HCV Sample Diluent Not available.
<b>Explosive properties</b>	: ADVIA® Centaur Anti-HCV Lite Reagent Not available. ADVIA® Centaur Anti-HCV Solid Phase Not available. ADVIA® Centaur Anti-HCV NS5 Not available. Ancillary Cavity Reagent ADVIA® Centaur Anti-HCV Calibrator Lo Not available. ADVIA® Centaur Anti-HCV Calibrator Hi Not available. ADVIA® Centaur Anti-HCV Sample Diluent Not available.
<b>Oxidising properties</b>	: ADVIA® Centaur Anti-HCV Lite Reagent Not available. ADVIA® Centaur Anti-HCV Solid Phase Not available. ADVIA® Centaur Anti-HCV NS5 Not available. Ancillary Cavity Reagent ADVIA® Centaur Anti-HCV Calibrator Lo Not available. ADVIA® Centaur Anti-HCV Calibrator Hi Not available. ADVIA® Centaur Anti-HCV Sample Diluent Not available.
<b><u>Particle characteristics</u></b>	
<b>Median particle size</b>	: Not applicable.
<b>9.2 Other information</b>	
<b>Fire point</b>	: ADVIA® Centaur Anti-HCV Lite Reagent Not available. ADVIA® Centaur Anti-HCV Solid Phase Not available. ADVIA® Centaur Anti-HCV NS5 Not available. Ancillary Cavity Reagent ADVIA® Centaur Anti-HCV Calibrator Lo Not available. ADVIA® Centaur Anti-HCV Calibrator Hi Not available. ADVIA® Centaur Anti-HCV Sample Diluent Not available.
<b>Burning time</b>	: Not relevant/applicable due to nature of the product.
<b>Fundamental burning velocity</b>	: Not relevant/applicable due to nature of the product.

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## SECTION 9: Physical and chemical properties

<b>Burning rate</b>	: Not relevant/applicable due to nature of the product.
<b>SADT</b>	: Not relevant/applicable due to nature of the product.
<b>SAPT</b>	: Not relevant/applicable due to nature of the product.
<b>Heat of reaction</b>	: Not relevant/applicable due to nature of the product.
<b>Heat of combustion</b>	: Not relevant/applicable due to nature of the product.
<b>Flow time (ISO 2431)</b>	: Not relevant/applicable due to nature of the product.
<b>Molecular weight</b>	: Not relevant/applicable due to nature of the product.

## SECTION 10: Stability and reactivity

<b>10.1 Reactivity</b>	: No specific test data related to reactivity available for this product or its ingredients.
<b>10.2 Chemical stability</b>	: The product is stable.
<b>10.3 Possibility of hazardous reactions</b>	: Under normal conditions of storage and use, hazardous reactions will not occur.
<b>10.4 Conditions to avoid</b>	: No specific data.
<b>10.5 Incompatible materials</b>	: No specific data.
<b>10.6 Hazardous decomposition products</b>	: Under normal conditions of storage and use, hazardous decomposition products should not be produced.

## SECTION 11: Toxicological information

### 11.1 Information on toxicological effects

#### Acute toxicity

Product/ingredient name	Result	Species	Dose	Exposure
<b>ADVIA® Centaur Anti-HCV Lite Reagent</b> Poly(oxy-1,2-ethanediyl), α-[4-(1,1,3,3-tetramethylbutyl)phenyl]-ω-hydroxy-	LD50 Oral	Rat	1800 mg/kg	-
<b>ADVIA® Centaur Anti-HCV NS5 Ancillary Cavity Reagent</b> Poly(oxy-1,2-ethanediyl), α-[4-(1,1,3,3-tetramethylbutyl)phenyl]-ω-hydroxy-	LD50 Oral	Rat	1800 mg/kg	-
<b>ADVIA® Centaur Anti-HCV Calibrator Lo</b> sodium azide	LD50 Dermal LD50 Dermal LD50 Oral	Rabbit Rat Rat	20 mg/kg 50 mg/kg 27 mg/kg	- - -
reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1)	LD50 Oral	Rat	53 mg/kg	-
<b>ADVIA® Centaur Anti-HCV Calibrator Hi</b> sodium azide	LD50 Dermal LD50 Dermal	Rabbit Rat	20 mg/kg 50 mg/kg	- -

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reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1)	LD50 Oral	Rat	27 mg/kg	-
	LD50 Oral	Rat	53 mg/kg	-

**Conclusion/Summary** : ADVIA® Centaur Anti-HCV Lite Reagent Not available.  
 ADVIA® Centaur Anti-HCV Solid Phase Not available.  
 ADVIA® Centaur Anti-HCV NS5 Ancillary Cavity Reagent Not available.  
 ADVIA® Centaur Anti-HCV Calibrator Lo Not available.  
 ADVIA® Centaur Anti-HCV Calibrator Hi Not available.  
 ADVIA® Centaur Anti-HCV Sample Diluent Not available.

### Acute toxicity estimates

Product/ingredient name	Oral (mg/kg)	Dermal (mg/kg)	Inhalation (gases) (ppm)	Inhalation (vapours) (mg/l)	Inhalation (dusts and mists) (mg/l)
<b>ADVIA® Centaur Anti-HCV Lite Reagent</b> Poly(oxy-1,2-ethanediyl), α-[4-(1,1,3,3-tetramethylbutyl)phenyl]-ω-hydroxy-	1800	N/A	N/A	N/A	N/A
<b>ADVIA® Centaur Anti-HCV NS5 Ancillary Cavity Reagent</b> Poly(oxy-1,2-ethanediyl), α-[4-(1,1,3,3-tetramethylbutyl)phenyl]-ω-hydroxy-	1800	N/A	N/A	N/A	N/A
<b>ADVIA® Centaur Anti-HCV Calibrator Lo</b> sodium azide reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1)	27 53	20 50	N/A N/A	N/A 0.5	N/A N/A
<b>ADVIA® Centaur Anti-HCV Calibrator Hi</b> sodium azide reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1)	27 53	20 50	N/A N/A	N/A 0.5	N/A N/A

### Irritation/Corrosion

Product/ingredient name	Result	Species	Score	Exposure	Observation
<b>ADVIA® Centaur Anti-HCV Lite Reagent</b> Poly(oxy-1,2-ethanediyl), α-[4-(1,1,3,3-tetramethylbutyl)phenyl]-ω-hydroxy-	Eyes - Moderate irritant	Rabbit	-	24 hours 10 uL	-
	Skin - Mild irritant	Rabbit	-	24 hours 500 uL	-
<b>ADVIA® Centaur Anti-HCV NS5 Ancillary Cavity Reagent</b> Poly(oxy-1,2-ethanediyl), α-[4-(1,1,3,3-tetramethylbutyl)phenyl]-ω-hydroxy-	Eyes - Moderate irritant	Rabbit	-	24 hours 10 uL	-
	Skin - Mild irritant	Rabbit	-	24 hours 500 uL	-
<b>ADVIA® Centaur Anti-HCV</b>					

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<p><b>Calibrator Lo</b> reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1)</p>	<p>Skin - Severe irritant</p>	<p>Human</p>	<p>-</p>	<p>0.01 %</p>	<p>-</p>
<p><b>ADVIA® Centaur Anti-HCV Calibrator Hi</b> reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1)</p>	<p>Skin - Severe irritant</p>	<p>Human</p>	<p>-</p>	<p>0.01 %</p>	<p>-</p>

### Conclusion/Summary

<p><b>Skin</b></p>	<p>: ADVIA® Centaur Anti-HCV Lite Reagent ADVIA® Centaur Anti-HCV Solid Phase ADVIA® Centaur Anti-HCV NS5 Ancillary Cavity Reagent ADVIA® Centaur Anti-HCV Calibrator Lo ADVIA® Centaur Anti-HCV Calibrator Hi ADVIA® Centaur Anti-HCV Sample Diluent</p>	<p>Not available. Not available. Not available. Not available. Not available. Not available.</p>
<p><b>Eyes</b></p>	<p>: ADVIA® Centaur Anti-HCV Lite Reagent ADVIA® Centaur Anti-HCV Solid Phase ADVIA® Centaur Anti-HCV NS5 Ancillary Cavity Reagent ADVIA® Centaur Anti-HCV Calibrator Lo ADVIA® Centaur Anti-HCV Calibrator Hi ADVIA® Centaur Anti-HCV Sample Diluent</p>	<p>Not available. Not available. Not available. Not available. Not available. Not available.</p>
<p><b>Respiratory</b></p>	<p>: ADVIA® Centaur Anti-HCV Lite Reagent ADVIA® Centaur Anti-HCV Solid Phase ADVIA® Centaur Anti-HCV NS5 Ancillary Cavity Reagent ADVIA® Centaur Anti-HCV Calibrator Lo ADVIA® Centaur Anti-HCV Calibrator Hi ADVIA® Centaur Anti-HCV Sample Diluent</p>	<p>Not available. Not available. Not available. Not available. Not available. Not available.</p>

### Sensitisation

#### Conclusion/Summary

<p><b>Skin</b></p>	<p>: ADVIA® Centaur Anti-HCV Lite Reagent ADVIA® Centaur Anti-HCV Solid Phase ADVIA® Centaur Anti-HCV NS5 Ancillary Cavity Reagent ADVIA® Centaur Anti-HCV Calibrator Lo ADVIA® Centaur Anti-HCV Calibrator Hi ADVIA® Centaur Anti-HCV Sample Diluent</p>	<p>Not available. Not available. Not available. Not available. Not available. Not available.</p>
<p><b>Respiratory</b></p>	<p>: ADVIA® Centaur Anti-HCV Lite Reagent ADVIA® Centaur Anti-HCV Solid Phase ADVIA® Centaur Anti-HCV NS5 Ancillary Cavity Reagent ADVIA® Centaur Anti-HCV Calibrator Lo ADVIA® Centaur Anti-HCV Calibrator Hi ADVIA® Centaur Anti-HCV Sample Diluent</p>	<p>Not available. Not available. Not available. Not available. Not available. Not available.</p>

### Mutagenicity

## SECTION 11: Toxicological information

**Conclusion/Summary** : ADVIA® Centaur Anti-HCV Lite Reagent Not available.  
 ADVIA® Centaur Anti-HCV Solid Phase Not available.  
 ADVIA® Centaur Anti-HCV NS5 Ancillary Cavity Reagent Not available.  
 ADVIA® Centaur Anti-HCV Calibrator Lo Not available.  
 ADVIA® Centaur Anti-HCV Calibrator Hi Not available.  
 ADVIA® Centaur Anti-HCV Sample Diluent Not available.

### Carcinogenicity

**Conclusion/Summary** : ADVIA® Centaur Anti-HCV Lite Reagent Not available.  
 ADVIA® Centaur Anti-HCV Solid Phase Not available.  
 ADVIA® Centaur Anti-HCV NS5 Ancillary Cavity Reagent Not available.  
 ADVIA® Centaur Anti-HCV Calibrator Lo Not available.  
 ADVIA® Centaur Anti-HCV Calibrator Hi Not available.  
 ADVIA® Centaur Anti-HCV Sample Diluent Not available.

### Reproductive toxicity

**Conclusion/Summary** : ADVIA® Centaur Anti-HCV Lite Reagent Not available.  
 ADVIA® Centaur Anti-HCV Solid Phase Not available.  
 ADVIA® Centaur Anti-HCV NS5 Ancillary Cavity Reagent Not available.  
 ADVIA® Centaur Anti-HCV Calibrator Lo Not available.  
 ADVIA® Centaur Anti-HCV Calibrator Hi Not available.  
 ADVIA® Centaur Anti-HCV Sample Diluent Not available.

### Teratogenicity

**Conclusion/Summary** : ADVIA® Centaur Anti-HCV Lite Reagent Not available.  
 ADVIA® Centaur Anti-HCV Solid Phase Not available.  
 ADVIA® Centaur Anti-HCV NS5 Ancillary Cavity Reagent Not available.  
 ADVIA® Centaur Anti-HCV Calibrator Lo Not available.  
 ADVIA® Centaur Anti-HCV Calibrator Hi Not available.  
 ADVIA® Centaur Anti-HCV Sample Diluent Not available.

### Specific target organ toxicity (single exposure)

Not available.

### Specific target organ toxicity (repeated exposure)

Not available.

### Aspiration hazard

Not available.

**Information on likely routes of exposure** : ADVIA® Centaur Anti-HCV Lite Reagent Not available.  
 ADVIA® Centaur Anti-HCV Solid Phase Not available.  
 ADVIA® Centaur Anti-HCV NS5 Ancillary Cavity Reagent Not available.  
 ADVIA® Centaur Anti-HCV Calibrator Lo Not available.  
 ADVIA® Centaur Anti-HCV Calibrator Hi Not available.  
 ADVIA® Centaur Anti-HCV Sample Diluent Not available.

### Potential acute health effects

## SECTION 11: Toxicological information

<b>Eye contact</b>	: ADVIA® Centaur Anti-HCV Lite Reagent	No known significant effects or critical hazards.
	ADVIA® Centaur Anti-HCV Solid Phase	No known significant effects or critical hazards.
	ADVIA® Centaur Anti-HCV NS5 Ancillary Cavity Reagent	No known significant effects or critical hazards.
	ADVIA® Centaur Anti-HCV Calibrator Lo	No known significant effects or critical hazards.
	ADVIA® Centaur Anti-HCV Calibrator Hi	No known significant effects or critical hazards.
<b>Inhalation</b>	: ADVIA® Centaur Anti-HCV Sample Diluent	No known significant effects or critical hazards.
	ADVIA® Centaur Anti-HCV Lite Reagent	No known significant effects or critical hazards.
	ADVIA® Centaur Anti-HCV Solid Phase	No known significant effects or critical hazards.
	ADVIA® Centaur Anti-HCV NS5 Ancillary Cavity Reagent	No known significant effects or critical hazards.
	ADVIA® Centaur Anti-HCV Calibrator Lo	No known significant effects or critical hazards.
<b>Skin contact</b>	: ADVIA® Centaur Anti-HCV Calibrator Hi	No known significant effects or critical hazards.
	ADVIA® Centaur Anti-HCV Sample Diluent	No known significant effects or critical hazards.
	ADVIA® Centaur Anti-HCV Lite Reagent	No known significant effects or critical hazards.
	ADVIA® Centaur Anti-HCV Solid Phase	No known significant effects or critical hazards.
	ADVIA® Centaur Anti-HCV NS5 Ancillary Cavity Reagent	No known significant effects or critical hazards.
<b>Ingestion</b>	: ADVIA® Centaur Anti-HCV Calibrator Lo	May cause an allergic skin reaction.
	ADVIA® Centaur Anti-HCV Calibrator Hi	May cause an allergic skin reaction.
	ADVIA® Centaur Anti-HCV Sample Diluent	No known significant effects or critical hazards.
	ADVIA® Centaur Anti-HCV Lite Reagent	No known significant effects or critical hazards.
	ADVIA® Centaur Anti-HCV Solid Phase	No known significant effects or critical hazards.

### Symptoms related to the physical, chemical and toxicological characteristics

<b>Eye contact</b>	: ADVIA® Centaur Anti-HCV Lite Reagent	No specific data.
	ADVIA® Centaur Anti-HCV Solid Phase	No specific data.
	ADVIA® Centaur Anti-HCV NS5 Ancillary Cavity Reagent	No specific data.
	ADVIA® Centaur Anti-HCV Calibrator Lo	No specific data.
	ADVIA® Centaur Anti-HCV Calibrator Hi	No specific data.
	ADVIA® Centaur Anti-HCV Sample Diluent	No specific data.

## SECTION 11: Toxicological information

<b>Inhalation</b>	: ADVIA® Centaur Anti-HCV Lite Reagent ADVIA® Centaur Anti-HCV Solid Phase ADVIA® Centaur Anti-HCV NS5 Ancillary Cavity Reagent ADVIA® Centaur Anti-HCV Calibrator Lo ADVIA® Centaur Anti-HCV Calibrator Hi ADVIA® Centaur Anti-HCV Sample Diluent	No specific data. No specific data. No specific data. No specific data. No specific data. No specific data.
<b>Skin contact</b>	: ADVIA® Centaur Anti-HCV Lite Reagent ADVIA® Centaur Anti-HCV Solid Phase ADVIA® Centaur Anti-HCV NS5 Ancillary Cavity Reagent ADVIA® Centaur Anti-HCV Calibrator Lo  ADVIA® Centaur Anti-HCV Calibrator Hi  ADVIA® Centaur Anti-HCV Sample Diluent	No specific data. No specific data. No specific data. Adverse symptoms may include the following: irritation redness Adverse symptoms may include the following: irritation redness No specific data.
<b>Ingestion</b>	: ADVIA® Centaur Anti-HCV Lite Reagent ADVIA® Centaur Anti-HCV Solid Phase ADVIA® Centaur Anti-HCV NS5 Ancillary Cavity Reagent ADVIA® Centaur Anti-HCV Calibrator Lo ADVIA® Centaur Anti-HCV Calibrator Hi ADVIA® Centaur Anti-HCV Sample Diluent	No specific data. No specific data. No specific data. No specific data. No specific data. No specific data.

### Delayed and immediate effects as well as chronic effects from short and long-term exposure

#### Short term exposure

<b>Potential immediate effects</b>	: ADVIA® Centaur Anti-HCV Lite Reagent ADVIA® Centaur Anti-HCV Solid Phase ADVIA® Centaur Anti-HCV NS5 Ancillary Cavity Reagent ADVIA® Centaur Anti-HCV Calibrator Lo ADVIA® Centaur Anti-HCV Calibrator Hi ADVIA® Centaur Anti-HCV Sample Diluent	Not available. Not available. Not available. Not available. Not available. Not available.
<b>Potential delayed effects</b>	: ADVIA® Centaur Anti-HCV Lite Reagent ADVIA® Centaur Anti-HCV Solid Phase ADVIA® Centaur Anti-HCV NS5 Ancillary Cavity Reagent ADVIA® Centaur Anti-HCV Calibrator Lo ADVIA® Centaur Anti-HCV Calibrator Hi ADVIA® Centaur Anti-HCV Sample Diluent	Not available. Not available. Not available. Not available. Not available. Not available.

#### Long term exposure

<b>Potential immediate effects</b>	: ADVIA® Centaur Anti-HCV Lite Reagent ADVIA® Centaur Anti-HCV Solid Phase ADVIA® Centaur Anti-HCV NS5 Ancillary Cavity Reagent ADVIA® Centaur Anti-HCV Calibrator Lo ADVIA® Centaur Anti-HCV Calibrator Hi ADVIA® Centaur Anti-HCV Sample Diluent	Not available. Not available. Not available. Not available. Not available. Not available.
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## SECTION 11: Toxicological information

**Potential delayed effects** : ADVIA® Centaur Anti-HCV Lite Reagent Not available.  
 ADVIA® Centaur Anti-HCV Solid Phase Not available.  
 ADVIA® Centaur Anti-HCV NS5 Ancillary Cavity Reagent Not available.  
 ADVIA® Centaur Anti-HCV Calibrator Lo Not available.  
 ADVIA® Centaur Anti-HCV Calibrator Hi Not available.  
 ADVIA® Centaur Anti-HCV Sample Diluent Not available.

### Potential chronic health effects

Not available.

**Conclusion/Summary** : ADVIA® Centaur Anti-HCV Lite Reagent Not available.  
 ADVIA® Centaur Anti-HCV Solid Phase Not available.  
 ADVIA® Centaur Anti-HCV NS5 Ancillary Cavity Reagent Not available.  
 ADVIA® Centaur Anti-HCV Calibrator Lo Not available.  
 ADVIA® Centaur Anti-HCV Calibrator Hi Not available.  
 ADVIA® Centaur Anti-HCV Sample Diluent Not available.

**General** : ADVIA® Centaur Anti-HCV Lite Reagent No known significant effects or critical hazards.  
 ADVIA® Centaur Anti-HCV Solid Phase No known significant effects or critical hazards.  
 ADVIA® Centaur Anti-HCV NS5 Ancillary Cavity Reagent No known significant effects or critical hazards.  
 ADVIA® Centaur Anti-HCV Calibrator Lo Once sensitized, a severe allergic reaction may occur when subsequently exposed to very low levels.  
 ADVIA® Centaur Anti-HCV Calibrator Hi Once sensitized, a severe allergic reaction may occur when subsequently exposed to very low levels.  
 ADVIA® Centaur Anti-HCV Sample Diluent No known significant effects or critical hazards.

**Carcinogenicity** : ADVIA® Centaur Anti-HCV Lite Reagent No known significant effects or critical hazards.  
 ADVIA® Centaur Anti-HCV Solid Phase No known significant effects or critical hazards.  
 ADVIA® Centaur Anti-HCV NS5 Ancillary Cavity Reagent No known significant effects or critical hazards.  
 ADVIA® Centaur Anti-HCV Calibrator Lo No known significant effects or critical hazards.  
 ADVIA® Centaur Anti-HCV Calibrator Hi No known significant effects or critical hazards.  
 ADVIA® Centaur Anti-HCV Sample Diluent No known significant effects or critical hazards.

**Mutagenicity** : ADVIA® Centaur Anti-HCV Lite Reagent No known significant effects or critical hazards.  
 ADVIA® Centaur Anti-HCV Solid Phase No known significant effects or critical hazards.  
 ADVIA® Centaur Anti-HCV NS5 Ancillary Cavity Reagent No known significant effects or critical hazards.  
 ADVIA® Centaur Anti-HCV Calibrator Lo No known significant effects or critical hazards.  
 ADVIA® Centaur Anti-HCV Calibrator Hi No known significant effects or critical hazards.  
 ADVIA® Centaur Anti-HCV Sample Diluent No known significant effects or critical hazards.



## SECTION 11: Toxicological information

<b>Reproductive toxicity</b>	: ADVIA® Centaur Anti-HCV Lite Reagent ADVIA® Centaur Anti-HCV Solid Phase ADVIA® Centaur Anti-HCV NS5 Ancillary Cavity Reagent ADVIA® Centaur Anti-HCV Calibrator Lo ADVIA® Centaur Anti-HCV Calibrator Hi ADVIA® Centaur Anti-HCV Sample Diluent	No known significant effects or critical hazards. No known significant effects or critical hazards. No known significant effects or critical hazards. No known significant effects or critical hazards. No known significant effects or critical hazards. No known significant effects or critical hazards.
<b>Interactive effects</b>	: ADVIA® Centaur Anti-HCV Lite Reagent ADVIA® Centaur Anti-HCV Solid Phase ADVIA® Centaur Anti-HCV NS5 Ancillary Cavity Reagent ADVIA® Centaur Anti-HCV Calibrator Lo ADVIA® Centaur Anti-HCV Calibrator Hi ADVIA® Centaur Anti-HCV Sample Diluent	Not available. Not available. Not available. Not available. Not available. Not available.
<b>Toxicokinetics</b>		
<b>Absorption</b>	: ADVIA® Centaur Anti-HCV Lite Reagent ADVIA® Centaur Anti-HCV Solid Phase ADVIA® Centaur Anti-HCV NS5 Ancillary Cavity Reagent ADVIA® Centaur Anti-HCV Calibrator Lo ADVIA® Centaur Anti-HCV Calibrator Hi ADVIA® Centaur Anti-HCV Sample Diluent	Not available. Not available. Not available. Not available. Not available. Not available.
<b>Distribution</b>	: ADVIA® Centaur Anti-HCV Lite Reagent ADVIA® Centaur Anti-HCV Solid Phase ADVIA® Centaur Anti-HCV NS5 Ancillary Cavity Reagent ADVIA® Centaur Anti-HCV Calibrator Lo ADVIA® Centaur Anti-HCV Calibrator Hi ADVIA® Centaur Anti-HCV Sample Diluent	Not available. Not available. Not available. Not available. Not available. Not available.
<b>Metabolism</b>	: ADVIA® Centaur Anti-HCV Lite Reagent ADVIA® Centaur Anti-HCV Solid Phase ADVIA® Centaur Anti-HCV NS5 Ancillary Cavity Reagent ADVIA® Centaur Anti-HCV Calibrator Lo ADVIA® Centaur Anti-HCV Calibrator Hi ADVIA® Centaur Anti-HCV Sample Diluent	Not available. Not available. Not available. Not available. Not available. Not available.
<b>Elimination</b>	: ADVIA® Centaur Anti-HCV Lite Reagent ADVIA® Centaur Anti-HCV Solid Phase ADVIA® Centaur Anti-HCV NS5 Ancillary Cavity Reagent ADVIA® Centaur Anti-HCV Calibrator Lo ADVIA® Centaur Anti-HCV Calibrator Hi ADVIA® Centaur Anti-HCV Sample Diluent	Not available. Not available. Not available. Not available. Not available. Not available.
<b>Other information</b>	: ADVIA® Centaur Anti-HCV Lite Reagent ADVIA® Centaur Anti-HCV Solid Phase ADVIA® Centaur Anti-HCV NS5 Ancillary Cavity Reagent ADVIA® Centaur Anti-HCV Calibrator Lo ADVIA® Centaur Anti-HCV Calibrator Hi ADVIA® Centaur Anti-HCV Sample Diluent	Not available. Not available. Not available. Not available. Not available. Not available.

## SECTION 12: Ecological information

### 12.1 Toxicity

Product/ingredient name	Result	Species	Exposure
<b>ADVIA® Centaur Anti-HCV Lite Reagent</b> Poly(oxy-1,2-ethanediyl), α-[4-(1,1,3,3-tetramethylbutyl)phenyl]-ω-hydroxy-	Acute LC50 5.85 mg/l Fresh water	Crustaceans - Water flea - Ceriodaphnia rigaudi - Neonate	48 hours
	Acute LC50 11.2 mg/l Fresh water	Daphnia - Water flea - Daphnia magna - Neonate	48 hours
	Acute LC50 4500 µg/l Fresh water	Fish - Fathead minnow - Pimephales promelas	96 hours
<b>ADVIA® Centaur Anti-HCV NS5 Ancillary Cavity Reagent</b> Poly(oxy-1,2-ethanediyl), α-[4-(1,1,3,3-tetramethylbutyl)phenyl]-ω-hydroxy-	Acute LC50 5.85 mg/l Fresh water	Crustaceans - Water flea - Ceriodaphnia rigaudi - Neonate	48 hours
	Acute LC50 11.2 mg/l Fresh water	Daphnia - Water flea - Daphnia magna - Neonate	48 hours
	Acute LC50 4500 µg/l Fresh water	Fish - Fathead minnow - Pimephales promelas	96 hours
<b>ADVIA® Centaur Anti-HCV Calibrator Lo</b> sodium azide	Acute EC50 9200 µg/l Marine water	Algae - Giant kelp - Macrocystis pyrifera	96 hours
	Acute EC50 6.4 mg/l Fresh water	Crustaceans - Water flea - Simocephalus serrulatus - Larvae	48 hours
	Acute EC50 4.2 mg/l Fresh water	Daphnia - Water flea - Daphnia pulex - Larvae	48 hours
	Acute LC50 0.68 mg/l Fresh water	Fish - Bluegill - Lepomis macrochirus	96 hours
	Chronic NOEC 5600 µg/l Marine water	Algae - Giant kelp - Macrocystis pyrifera	96 hours
<b>ADVIA® Centaur Anti-HCV Calibrator Hi</b> sodium azide	Acute EC50 9200 µg/l Marine water	Algae - Giant kelp - Macrocystis pyrifera	96 hours
	Acute EC50 6.4 mg/l Fresh water	Crustaceans - Water flea - Simocephalus serrulatus - Larvae	48 hours
	Acute EC50 4.2 mg/l Fresh water	Daphnia - Water flea - Daphnia pulex - Larvae	48 hours
	Acute LC50 0.68 mg/l Fresh water	Fish - Bluegill - Lepomis macrochirus	96 hours
	Chronic NOEC 5600 µg/l Marine water	Algae - Giant kelp - Macrocystis pyrifera	96 hours

**Conclusion/Summary** : ADVIA® Centaur Anti-HCV Lite Reagent Not available.  
 ADVIA® Centaur Anti-HCV Solid Phase Not available.  
 ADVIA® Centaur Anti-HCV NS5 Ancillary Cavity Reagent Not available.  
 ADVIA® Centaur Anti-HCV Calibrator Lo Not available.  
 ADVIA® Centaur Anti-HCV Calibrator Hi Not available.  
 ADVIA® Centaur Anti-HCV Sample Diluent Not available.

### 12.2 Persistence and degradability

## SECTION 12: Ecological information

<b>Conclusion/Summary</b>	: ADVIA® Centaur Anti-HCV Lite Reagent	Not available.
	ADVIA® Centaur Anti-HCV Solid Phase	Not available.
	ADVIA® Centaur Anti-HCV NS5 Ancillary Cavity Reagent	Not available.
	ADVIA® Centaur Anti-HCV Calibrator Lo	Not available.
	ADVIA® Centaur Anti-HCV Calibrator Hi	Not available.
	ADVIA® Centaur Anti-HCV Sample Diluent	Not available.

### 12.3 Bioaccumulative potential

Not available.

### 12.4 Mobility in soil

<b>Soil/water partition coefficient (K<sub>oc</sub>)</b>	: ADVIA® Centaur Anti-HCV Lite Reagent	Not available.
	ADVIA® Centaur Anti-HCV Solid Phase	Not available.
	ADVIA® Centaur Anti-HCV NS5 Ancillary Cavity Reagent	Not available.
	ADVIA® Centaur Anti-HCV Calibrator Lo	Not available.
	ADVIA® Centaur Anti-HCV Calibrator Hi	Not available.
	ADVIA® Centaur Anti-HCV Sample Diluent	Not available.

<b>Mobility</b>	: ADVIA® Centaur Anti-HCV Lite Reagent	Not available.
	ADVIA® Centaur Anti-HCV Solid Phase	Not available.
	ADVIA® Centaur Anti-HCV NS5 Ancillary Cavity Reagent	Not available.
	ADVIA® Centaur Anti-HCV Calibrator Lo	Not available.
	ADVIA® Centaur Anti-HCV Calibrator Hi	Not available.
	ADVIA® Centaur Anti-HCV Sample Diluent	Not available.

### 12.5 Results of PBT and vPvB assessment

This mixture does not contain any substances that are assessed to be a PBT or a vPvB.

**12.6 Other adverse effects** : No known significant effects or critical hazards.

## SECTION 13: Disposal considerations

### 13.1 Waste treatment methods

#### Product

**Methods of disposal** : The generation of waste should be avoided or minimised wherever possible. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction.

**Hazardous waste** : Within the present knowledge of the supplier, this product is not regarded as hazardous waste, as defined by EU Directive 2008/98/EC.  
Sodium azide may react with lead or copper plumbing to form highly explosive metal azides.

#### Packaging

**Methods of disposal** : The generation of waste should be avoided or minimised wherever possible. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible.

**Special precautions** : This material and its container must be disposed of in a safe way. Empty containers or liners may retain some product residues. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

## SECTION 14: Transport information

### ADR/RID

<b>14.1 UN number</b>	ADVIA® Centaur Anti-HCV Lite Reagent	Not regulated.
	ADVIA® Centaur Anti-HCV Solid Phase	Not regulated.
	ADVIA® Centaur Anti-HCV NS5 Ancillary Cavity Reagent	Not regulated.
	ADVIA® Centaur Anti-HCV Calibrator Lo	Not regulated.
	ADVIA® Centaur Anti-HCV Calibrator Hi	Not regulated.
	ADVIA® Centaur Anti-HCV Sample Diluent	Not regulated.
<b>14.2 UN proper shipping name</b>	ADVIA® Centaur Anti-HCV Lite Reagent	-
	ADVIA® Centaur Anti-HCV Solid Phase	-
	ADVIA® Centaur Anti-HCV NS5 Ancillary Cavity Reagent	-
	ADVIA® Centaur Anti-HCV Calibrator Lo	-
	ADVIA® Centaur Anti-HCV Calibrator Hi	-
	ADVIA® Centaur Anti-HCV Sample Diluent	-
<b>14.3 Transport hazard class(es)</b>	ADVIA® Centaur Anti-HCV Lite Reagent	-
	ADVIA® Centaur Anti-HCV Solid Phase	-
	ADVIA® Centaur Anti-HCV NS5 Ancillary Cavity Reagent	-
	ADVIA® Centaur Anti-HCV Calibrator Lo	-
	ADVIA® Centaur Anti-HCV Calibrator Hi	-
	ADVIA® Centaur Anti-HCV Sample Diluent	-
<b>14.4 Packing group</b>	ADVIA® Centaur Anti-HCV Lite Reagent	-
	ADVIA® Centaur Anti-HCV Solid Phase	-
	ADVIA® Centaur Anti-HCV NS5 Ancillary Cavity Reagent	-
	ADVIA® Centaur Anti-HCV Calibrator Lo	-
	ADVIA® Centaur Anti-HCV Calibrator Hi	-
	ADVIA® Centaur Anti-HCV Sample Diluent	-
<b>14.5 Environmental hazards</b>	ADVIA® Centaur Anti-HCV Lite Reagent	No.
	ADVIA® Centaur Anti-HCV Solid Phase	No.
	ADVIA® Centaur Anti-HCV NS5 Ancillary Cavity Reagent	No.
	ADVIA® Centaur Anti-HCV Calibrator Lo	No.
	ADVIA® Centaur Anti-HCV Calibrator Hi	No.
	ADVIA® Centaur Anti-HCV Sample Diluent	No.
<b>Additional information</b>	ADVIA® Centaur Anti-HCV Lite Reagent	-
	ADVIA® Centaur Anti-HCV Solid Phase	-
	ADVIA® Centaur Anti-HCV NS5 Ancillary Cavity Reagent	-
	ADVIA® Centaur Anti-HCV Calibrator Lo	-
	ADVIA® Centaur Anti-HCV Calibrator Hi	-
	ADVIA® Centaur Anti-HCV Sample Diluent	-

### ADN

<b>14.1 UN number</b>	ADVIA® Centaur Anti-HCV Lite Reagent	Not regulated.
	ADVIA® Centaur Anti-HCV Solid Phase	Not regulated.
	ADVIA® Centaur Anti-HCV NS5 Ancillary Cavity Reagent	Not regulated.
	ADVIA® Centaur Anti-HCV Calibrator Lo	Not regulated.
	ADVIA® Centaur Anti-HCV Calibrator Hi	Not regulated.
	ADVIA® Centaur Anti-HCV Sample Diluent	Not regulated.
<b>14.2 UN proper shipping name</b>		

ADVIA® Centaur Anti-HCV, 200 Test

## SECTION 14: Transport information

	ADVIA® Centaur Anti-HCV Lite Reagent	-
	ADVIA® Centaur Anti-HCV Solid Phase	-
	ADVIA® Centaur Anti-HCV NS5 Ancillary Cavity Reagent	-
	ADVIA® Centaur Anti-HCV Calibrator Lo	-
	ADVIA® Centaur Anti-HCV Calibrator Hi	-
	ADVIA® Centaur Anti-HCV Sample Diluent	-
<b>14.3 Transport hazard class(es)</b>	ADVIA® Centaur Anti-HCV Lite Reagent	-
	ADVIA® Centaur Anti-HCV Solid Phase	-
	ADVIA® Centaur Anti-HCV NS5 Ancillary Cavity Reagent	-
	ADVIA® Centaur Anti-HCV Calibrator Lo	-
	ADVIA® Centaur Anti-HCV Calibrator Hi	-
	ADVIA® Centaur Anti-HCV Sample Diluent	-
<b>14.4 Packing group</b>	ADVIA® Centaur Anti-HCV Lite Reagent	-
	ADVIA® Centaur Anti-HCV Solid Phase	-
	ADVIA® Centaur Anti-HCV NS5 Ancillary Cavity Reagent	-
	ADVIA® Centaur Anti-HCV Calibrator Lo	-
	ADVIA® Centaur Anti-HCV Calibrator Hi	-
	ADVIA® Centaur Anti-HCV Sample Diluent	-
<b>14.5 Environmental hazards</b>	ADVIA® Centaur Anti-HCV Lite Reagent	No.
	ADVIA® Centaur Anti-HCV Solid Phase	No.
	ADVIA® Centaur Anti-HCV NS5 Ancillary Cavity Reagent	No.
	ADVIA® Centaur Anti-HCV Calibrator Lo	No.
	ADVIA® Centaur Anti-HCV Calibrator Hi	No.
	ADVIA® Centaur Anti-HCV Sample Diluent	No.
<b>Additional information</b>	ADVIA® Centaur Anti-HCV Lite Reagent	-
	ADVIA® Centaur Anti-HCV Solid Phase	-
	ADVIA® Centaur Anti-HCV NS5 Ancillary Cavity Reagent	-
	ADVIA® Centaur Anti-HCV Calibrator Lo	-
	ADVIA® Centaur Anti-HCV Calibrator Hi	-
	ADVIA® Centaur Anti-HCV Sample Diluent	-
<b>IMDG</b>		
<b>14.1 UN number</b>	ADVIA® Centaur Anti-HCV Lite Reagent	Not regulated.
	ADVIA® Centaur Anti-HCV Solid Phase	Not regulated.
	ADVIA® Centaur Anti-HCV NS5 Ancillary Cavity Reagent	Not regulated.
	ADVIA® Centaur Anti-HCV Calibrator Lo	Not regulated.
	ADVIA® Centaur Anti-HCV Calibrator Hi	Not regulated.
	ADVIA® Centaur Anti-HCV Sample Diluent	Not regulated.
<b>14.2 UN proper shipping name</b>	ADVIA® Centaur Anti-HCV Lite Reagent	-
	ADVIA® Centaur Anti-HCV Solid Phase	-
	ADVIA® Centaur Anti-HCV NS5 Ancillary Cavity Reagent	-
	ADVIA® Centaur Anti-HCV Calibrator Lo	-
	ADVIA® Centaur Anti-HCV Calibrator Hi	-
	ADVIA® Centaur Anti-HCV Sample Diluent	-

ADVIA® Centaur Anti-HCV, 200 Test

## SECTION 14: Transport information

<b>14.3 Transport hazard class(es)</b>	ADVIA® Centaur Anti-HCV Lite Reagent	-
	ADVIA® Centaur Anti-HCV Solid Phase	-
	ADVIA® Centaur Anti-HCV NS5 Ancillary Cavity Reagent	-
	ADVIA® Centaur Anti-HCV Calibrator Lo	-
	ADVIA® Centaur Anti-HCV Calibrator Hi	-
	ADVIA® Centaur Anti-HCV Sample Diluent	-
<b>14.4 Packing group</b>	ADVIA® Centaur Anti-HCV Lite Reagent	-
	ADVIA® Centaur Anti-HCV Solid Phase	-
	ADVIA® Centaur Anti-HCV NS5 Ancillary Cavity Reagent	-
	ADVIA® Centaur Anti-HCV Calibrator Lo	-
	ADVIA® Centaur Anti-HCV Calibrator Hi	-
	ADVIA® Centaur Anti-HCV Sample Diluent	-
<b>14.5 Environmental hazards</b>	ADVIA® Centaur Anti-HCV Lite Reagent	No.
	ADVIA® Centaur Anti-HCV Solid Phase	No.
	ADVIA® Centaur Anti-HCV NS5 Ancillary Cavity Reagent	No.
	ADVIA® Centaur Anti-HCV Calibrator Lo	No.
	ADVIA® Centaur Anti-HCV Calibrator Hi	No.
	ADVIA® Centaur Anti-HCV Sample Diluent	No.
<b>Additional information</b>	ADVIA® Centaur Anti-HCV Lite Reagent	-
	ADVIA® Centaur Anti-HCV Solid Phase	-
	ADVIA® Centaur Anti-HCV NS5 Ancillary Cavity Reagent	-
	ADVIA® Centaur Anti-HCV Calibrator Lo	-
	ADVIA® Centaur Anti-HCV Calibrator Hi	-
	ADVIA® Centaur Anti-HCV Sample Diluent	-
<b>IATA</b>		
<b>14.1 UN number</b>	ADVIA® Centaur Anti-HCV Lite Reagent	Not regulated.
	ADVIA® Centaur Anti-HCV Solid Phase	Not regulated.
	ADVIA® Centaur Anti-HCV NS5 Ancillary Cavity Reagent	Not regulated.
	ADVIA® Centaur Anti-HCV Calibrator Lo	Not regulated.
	ADVIA® Centaur Anti-HCV Calibrator Hi	Not regulated.
	ADVIA® Centaur Anti-HCV Sample Diluent	Not regulated.
<b>14.2 UN proper shipping name</b>	ADVIA® Centaur Anti-HCV Lite Reagent	-
	ADVIA® Centaur Anti-HCV Solid Phase	-
	ADVIA® Centaur Anti-HCV NS5 Ancillary Cavity Reagent	-
	ADVIA® Centaur Anti-HCV Calibrator Lo	-
	ADVIA® Centaur Anti-HCV Calibrator Hi	-
	ADVIA® Centaur Anti-HCV Sample Diluent	-
<b>14.3 Transport hazard class(es)</b>	ADVIA® Centaur Anti-HCV Lite Reagent	-
	ADVIA® Centaur Anti-HCV Solid Phase	-
	ADVIA® Centaur Anti-HCV NS5 Ancillary Cavity Reagent	-
	ADVIA® Centaur Anti-HCV Calibrator Lo	-
	ADVIA® Centaur Anti-HCV Calibrator Hi	-
	ADVIA® Centaur Anti-HCV Sample Diluent	-

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## SECTION 14: Transport information

<b>14.4 Packing group</b>	ADVIA® Centaur Anti-HCV Lite Reagent	-
	ADVIA® Centaur Anti-HCV Solid Phase	-
	ADVIA® Centaur Anti-HCV NS5 Ancillary Cavity Reagent	-
	ADVIA® Centaur Anti-HCV Calibrator Lo	-
	ADVIA® Centaur Anti-HCV Calibrator Hi	-
	ADVIA® Centaur Anti-HCV Sample Diluent	-
<b>14.5 Environmental hazards</b>	ADVIA® Centaur Anti-HCV Lite Reagent	No.
	ADVIA® Centaur Anti-HCV Solid Phase	No.
	ADVIA® Centaur Anti-HCV NS5 Ancillary Cavity Reagent	No.
	ADVIA® Centaur Anti-HCV Calibrator Lo	No.
	ADVIA® Centaur Anti-HCV Calibrator Hi	No.
	ADVIA® Centaur Anti-HCV Sample Diluent	No.
<b>Additional information</b>	ADVIA® Centaur Anti-HCV Lite Reagent	-
	ADVIA® Centaur Anti-HCV Solid Phase	-
	ADVIA® Centaur Anti-HCV NS5 Ancillary Cavity Reagent	-
	ADVIA® Centaur Anti-HCV Calibrator Lo	-
	ADVIA® Centaur Anti-HCV Calibrator Hi	-
	ADVIA® Centaur Anti-HCV Sample Diluent	-

<b>14.6 Special precautions for user</b>	ADVIA® Centaur Anti-HCV Lite Reagent	<b>Transport within user's premises:</b> always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in the event of an accident or spillage.
	ADVIA® Centaur Anti-HCV Solid Phase	<b>Transport within user's premises:</b> always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in the event of an accident or spillage.
	ADVIA® Centaur Anti-HCV NS5 Ancillary Cavity Reagent	<b>Transport within user's premises:</b> always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in the event of an accident or spillage.
	ADVIA® Centaur Anti-HCV Calibrator Lo	<b>Transport within user's premises:</b> always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in the event of an accident or spillage.
	ADVIA® Centaur Anti-HCV Calibrator Hi	<b>Transport within user's premises:</b> always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in the event of an accident or spillage.
	ADVIA® Centaur Anti-HCV Sample Diluent	<b>Transport within user's premises:</b> always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in the event of an accident or spillage.

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**SECTION 14: Transport information**

**14.7 Transport in bulk according to IMO instruments** Not applicable.

**SECTION 15: Regulatory information**

**15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**

**UK (GB) /REACH****Annex XIV - List of substances subject to authorisation****Annex XIV**

Intrinsic property	Ingredient name	Status	Reference number	Date of revision
<b>ADVIA® Centaur Anti-HCV Lite Reagent</b> Substance of equivalent concern for environment	4-(1,1,3,3-tetramethylbutyl)phenol, ethoxylated covering well-defined substances and UVCB substances, polymers and homologues	Listed	42	1/1/2021
<b>ADVIA® Centaur Anti-HCV NS5 Ancillary Cavity Reagent</b> Substance of equivalent concern for environment	4-(1,1,3,3-tetramethylbutyl)phenol, ethoxylated covering well-defined substances and UVCB substances, polymers and homologues	Listed	42	1/1/2021

**Substances of very high concern**

Intrinsic property	Ingredient name	Status	Reference number	Date of revision
<b>ADVIA® Centaur Anti-HCV Lite Reagent</b> Substance of equivalent concern for environment	4-(1,1,3,3-tetramethylbutyl)phenol, ethoxylated covering well-defined substances and UVCB substances, polymers and homologues	Candidate	-	12/19/2012
<b>ADVIA® Centaur Anti-HCV NS5 Ancillary Cavity Reagent</b> Substance of equivalent concern for environment	4-(1,1,3,3-tetramethylbutyl)phenol, ethoxylated covering well-defined substances and UVCB substances, polymers and homologues	Candidate	-	12/19/2012

**Ozone depleting substances**

Not listed.

**Prior Informed Consent (PIC)**

Not listed.

**Persistent Organic Pollutants**

Not listed.



## SECTION 15: Regulatory information

<b>Annex XVII - Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles</b>	: ADVIA® Centaur Anti-HCV Lite Reagent	Not applicable.
	ADVIA® Centaur Anti-HCV Solid Phase	Not applicable.
	ADVIA® Centaur Anti-HCV NS5 Ancillary Cavity Reagent	Not applicable.
	ADVIA® Centaur Anti-HCV Calibrator Lo	Not applicable.
	ADVIA® Centaur Anti-HCV Calibrator Hi	Not applicable.
	ADVIA® Centaur Anti-HCV Sample Diluent	Not applicable.

### Seveso Directive

This product is not controlled under the Seveso Directive.

### EU regulations

<b>Industrial emissions (integrated pollution prevention and control) - Air</b>	: ADVIA® Centaur Anti-HCV Lite Reagent	Not listed
	ADVIA® Centaur Anti-HCV Solid Phase	Not listed
	ADVIA® Centaur Anti-HCV NS5 Ancillary Cavity Reagent	Not listed
	ADVIA® Centaur Anti-HCV Calibrator Lo	Not listed
	ADVIA® Centaur Anti-HCV Calibrator Hi	Not listed
	ADVIA® Centaur Anti-HCV Sample Diluent	Not listed

<b>Industrial emissions (integrated pollution prevention and control) - Water</b>	: ADVIA® Centaur Anti-HCV Lite Reagent	Not listed
	ADVIA® Centaur Anti-HCV Solid Phase	Not listed
	ADVIA® Centaur Anti-HCV NS5 Ancillary Cavity Reagent	Not listed
	ADVIA® Centaur Anti-HCV Calibrator Lo	Not listed
	ADVIA® Centaur Anti-HCV Calibrator Hi	Not listed
	ADVIA® Centaur Anti-HCV Sample Diluent	Not listed

### International regulations

#### Montreal Protocol

Not listed.

#### Stockholm Convention on Persistent Organic Pollutants

Not listed.

#### Rotterdam Convention on Prior Informed Consent (PIC)

Not listed.

#### UNECE Aarhus Protocol on POPs and Heavy Metals

Not listed.

**15.2 Chemical safety assessment** : Not applicable.

## SECTION 16: Other information

🔍 Indicates information that has changed from previously issued version.

<b>Abbreviations and acronyms</b>	: ATE = Acute Toxicity Estimate
	GB CLP = UK CLP (EC No 1272/2008) on the Classification, Labelling and Packaging of Substances and Mixtures as amended by (EU Exit) Regulations 2019 No. 720 and amendments
	DMEL = Derived Minimal Effect Level
	DNEL = Derived No Effect Level
	EUH statement = GB CLP-specific Hazard statement
	N/A = Not available
	PBT = Persistent, Bioaccumulative and Toxic
	PNEC = Predicted No Effect Concentration
	RRN = REACH Registration Number
	SGG = Segregation Group
	vPvB = Very Persistent and Very Bioaccumulative

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## SECTION 16: Other information

### Procedure used to derive the classification

Classification	Justification
<b>ADVIA® Centaur Anti-HCV Calibrator Lo</b> Skin Sens. 1, H317 Aquatic Chronic 3, H412	Calculation method Calculation method
<b>ADVIA® Centaur Anti-HCV Calibrator Hi</b> Skin Sens. 1, H317 Aquatic Chronic 3, H412	Calculation method Calculation method

### Full text of abbreviated H statements

<b>ADVIA® Centaur Anti-HCV Lite Reagent</b>	
H302	Harmful if swallowed.
H319	Causes serious eye irritation.
H411	Toxic to aquatic life with long lasting effects.
<b>ADVIA® Centaur Anti-HCV NS5 Ancillary Cavity Reagent</b>	
H302	Harmful if swallowed.
H319	Causes serious eye irritation.
H411	Toxic to aquatic life with long lasting effects.
<b>ADVIA® Centaur Anti-HCV Calibrator Lo</b>	
H300	Fatal if swallowed.
H301	Toxic if swallowed.
H310	Fatal in contact with skin.
H314	Causes severe skin burns and eye damage.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H330	Fatal if inhaled.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.
H412	Harmful to aquatic life with long lasting effects.
EUH032	Contact with acids liberates very toxic gas.
EUH071	Corrosive to the respiratory tract.
<b>ADVIA® Centaur Anti-HCV Calibrator Hi</b>	
H300	Fatal if swallowed.
H301	Toxic if swallowed.
H310	Fatal in contact with skin.
H314	Causes severe skin burns and eye damage.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H330	Fatal if inhaled.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.
H412	Harmful to aquatic life with long lasting effects.
EUH032	Contact with acids liberates very toxic gas.

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## SECTION 16: Other information

EUH071 Corrosive to the respiratory tract.

### Full text of classifications

#### ADVIA® Centaur

##### Anti-HCV Lite

##### Reagent

Acute Tox. 4	ACUTE TOXICITY - Category 4
Aquatic Chronic 2	LONG-TERM (CHRONIC) AQUATIC HAZARD - Category 2
Eye Irrit. 2	SERIOUS EYE DAMAGE/EYE IRRITATION - Category 2

#### ADVIA® Centaur

##### Anti-HCV NS5

##### Ancillary Cavity

##### Reagent

Acute Tox. 4	ACUTE TOXICITY - Category 4
Aquatic Chronic 2	LONG-TERM (CHRONIC) AQUATIC HAZARD - Category 2
Eye Irrit. 2	SERIOUS EYE DAMAGE/EYE IRRITATION - Category 2

#### ADVIA® Centaur

##### Anti-HCV Calibrator

##### Lo

Acute Tox. 1	ACUTE TOXICITY - Category 1
Acute Tox. 2	ACUTE TOXICITY - Category 2
Acute Tox. 3	ACUTE TOXICITY - Category 3
Aquatic Acute 1	SHORT-TERM (ACUTE) AQUATIC HAZARD - Category 1
Aquatic Chronic 1	LONG-TERM (CHRONIC) AQUATIC HAZARD - Category 1
Aquatic Chronic 3	LONG-TERM (CHRONIC) AQUATIC HAZARD - Category 3
Eye Dam. 1	SERIOUS EYE DAMAGE/EYE IRRITATION - Category 1
Skin Corr. 1C	SKIN CORROSION/IRRITATION - Category 1C
Skin Sens. 1	SKIN SENSITISATION - Category 1
Skin Sens. 1A	SKIN SENSITISATION - Category 1A

#### ADVIA® Centaur

##### Anti-HCV Calibrator

##### Hi

Acute Tox. 1	ACUTE TOXICITY - Category 1
Acute Tox. 2	ACUTE TOXICITY - Category 2
Acute Tox. 3	ACUTE TOXICITY - Category 3
Aquatic Acute 1	SHORT-TERM (ACUTE) AQUATIC HAZARD - Category 1
Aquatic Chronic 1	LONG-TERM (CHRONIC) AQUATIC HAZARD - Category 1
Aquatic Chronic 3	LONG-TERM (CHRONIC) AQUATIC HAZARD - Category 3
Eye Dam. 1	SERIOUS EYE DAMAGE/EYE IRRITATION - Category 1
Skin Corr. 1C	SKIN CORROSION/IRRITATION - Category 1C
Skin Sens. 1	SKIN SENSITISATION - Category 1
Skin Sens. 1A	SKIN SENSITISATION - Category 1A

**Date of printing** : 12/13/2022  
**Date of issue/ Date of revision** : 12/13/2022  
**Date of previous issue** : No previous validation  
**Version** : 1

### Notice to reader

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Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.

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