SAFETY DATA SHEET

IMMULITE® 2000 Anti-TG Ab

SIEMENS Healthineers

SDS no.: L2KTG2_6

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

1.1 Product identifier

Product name : IMMULITE® 2000 Anti-TG Ab

Product code : L2KTG2/6, 10381659, 10381655

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

Identified uses	Thyroid Autoantibody Sample Diluent	Diagnostic agents.
	Anti-TG Ab Reagent Wedge A	Diagnostic agents.
	Anti-TG Ab Reagent Wedge B	Diagnostic agents.
	Anti-TG Ab Adjustors	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 :	Thyroid Autoantibody Sample Diluent	Mixture
	Anti-TG Ab Reagent Wedge A	Mixture
	Anti-TG Ab Reagent Wedge B	Mixture
	Anti-TG Ab Adjustors	Mixture

Classification according to UK CLP/GHS

Thyroid Autoantibody Sample Diluent
Skin Sens. 1, H317

Anti-TG Ab Reagent Wedge A
Skin Sens. 1, H317

Anti-TG Ab Reagent Wedge B
Skin Sens. 1, H317

Anti-TG Ab Adjustors
Acute Tox. 4, H302
Acute Tox. 3, H311
Skin Sens. 1, H317
Aquatic Chronic 2, H411

The product is 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.

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

SECTION 2: Hazards identification

2.2 Label elements

Hazard pictograms :

Signal word	:	Thyroid Autoantibody Sample Diluent	Warning
		Anti-TG Ab Reagent Wedge A	Warning
		Anti-TG Ab Reagent Wedge B	Warning
		Anti-TG Ab Adjustors	Danger
Hazard statements	:	Thyroid Autoantibody Sample Diluent	H317 - May cause an allergic skin reaction.
		Anti-TG Ab Reagent Wedge A	H317 - May cause an allergic skin reaction.
		Anti-TG Ab Reagent Wedge B	H317 - May cause an allergic skin reaction.
		Anti-TG Ab Adjustors	H302 - Harmful if swallowed. H311 - Toxic in contact with skin. H317 - May cause an allergic skin reaction. H411 - Toxic to aquatic life with long lasting effects.

Precautionary statements

Prevention	:	Thyroid Autoantibody Sample Diluent	P280 - Wear protective gloves/protective clothing/eye protection/face protection.
		Anti-TG Ab Reagent Wedge A	P280 - Wear protective gloves/protective clothing/eye protection/face protection.
		Anti-TG Ab Reagent Wedge B	P280 - Wear protective gloves/protective clothing/eye protection/face protection.
		Anti-TG Ab Adjustors	P261 - Avoid breathing dust. P264 - Wash hands thoroughly after handling. P280 - Wear protective gloves/protective clothing/eye protection/face protection. P273 - Avoid release to the environment.
Response	:	Thyroid Autoantibody Sample Diluent	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.
		Anti-TG Ab Reagent Wedge A	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.
		Anti-TG Ab Reagent Wedge B	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.
		Anti-TG Ab Adjustors	P302 + P352 - IF ON SKIN: Wash with plenty of soap and water. P333 + P313 - If skin irritation or rash occurs: Get medical advice/attention. P312 - Call a POISON CENTER or doctor/physician if you feel unwell. P361 + P364 - Take off immediately all

SECTION 2: Hazards identification

			contaminated clothing and wash it before reuse. P391 - Collect spillage.
Storage	:	Thyroid Autoantibody Sample Diluent	Not applicable.
		Anti-TG Ab Reagent Wedge A	Not applicable.
		Anti-TG Ab Reagent Wedge B	Not applicable.
		Anti-TG Ab Adjustors	Not applicable.
Disposal	:	Thyroid Autoantibody Sample Diluent	Not applicable.
		Anti-TG Ab Reagent Wedge A	Not applicable.
		Anti-TG Ab Reagent Wedge B	Not applicable.
		Anti-TG Ab Adjustors	P501 - Dispose of contents and container in accordance with all local, regional, and national regulations.
Supplemental label elements	:	Thyroid Autoantibody Sample Diluent	Not applicable.
		Anti-TG Ab Reagent Wedge A	Not applicable.
		Anti-TG Ab Reagent Wedge B	Not applicable.
		Anti-TG Ab Adjustors	Not applicable.
Annex XVII - Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles	:	Thyroid Autoantibody Sample Diluent	Not applicable.
		Anti-TG Ab Reagent Wedge A	Not applicable.
		Anti-TG Ab Reagent Wedge B	Not applicable.
		Anti-TG Ab Adjustors	Not applicable.

2.3 Other hazards

Product meets the criteria for PBT or vPvB according to Regulation (EC) No. 1907/2006, Annex XIII	:	Thyroid Autoantibody Sample Diluent	This mixture does not contain any substances that are assessed to be a PBT or a vPvB.
		Anti-TG Ab Reagent Wedge A	This mixture does not contain any substances that are assessed to be a PBT or a vPvB.
		Anti-TG Ab Reagent Wedge B	This mixture does not contain any substances that are assessed to be a PBT or a vPvB.
		Anti-TG Ab Adjustors	This mixture does not contain any substances that are assessed to be a PBT or a vPvB.
Other hazards which do not result in classification	:	Thyroid Autoantibody Sample Diluent	None known.
		Anti-TG Ab Reagent Wedge A	None known.
		Anti-TG Ab Reagent Wedge B	None known.
		Anti-TG Ab Adjustors	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	:	Thyroid Autoantibody Sample Diluent	Mixture
		Anti-TG Ab Reagent Wedge A	Mixture
		Anti-TG Ab Reagent Wedge B	Mixture
		Anti-TG Ab Adjustors	Mixture

SECTION 3: Composition/information on ingredients

Product/ingredient name	Identifiers	%	Classification	Type
Thyroid Autoantibody Sample Diluent				
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]
3(2H)-Isothiazolone, 2-methyl-	EC: 220-239-6 CAS: 2682-20-4	<0.1	Acute Tox. 3, H301 Acute Tox. 3, H311 Acute Tox. 2, H330 Skin Corr. 1B, H314 Eye Dam. 1, H318 Skin Sens. 1A, H317 Aquatic Acute 1, H400 (M=10) Aquatic Chronic 1, H410 (M=1) EUH071	[1]
Anti-TG Ab Reagent Wedge A				
aminocaproic acid	EC: 200-469-3 CAS: 60-32-2	≤3	Eye Irrit. 2, H319	[1]
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]
3(2H)-Isothiazolone, 2-methyl-	EC: 220-239-6 CAS: 2682-20-4	<0.1	Acute Tox. 3, H301 Acute Tox. 3, H311 Acute Tox. 2, H330 Skin Corr. 1B, H314 Eye Dam. 1, H318 Skin Sens. 1A, H317 Aquatic Acute 1, H400 (M=10) Aquatic Chronic 1, H410 (M=1) EUH071	[1]
Anti-TG Ab Reagent Wedge B				
aminocaproic acid	EC: 200-469-3 CAS: 60-32-2	≤3	Eye Irrit. 2, H319	[1]
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]
3(2H)-Isothiazolone, 2-methyl-	EC: 220-239-6 CAS: 2682-20-4	<0.1	Acute Tox. 3, H301 Acute Tox. 3, H311 Acute Tox. 2, H330 Skin Corr. 1B, H314 Eye Dam. 1, H318 Skin Sens. 1A, H317 Aquatic Acute 1, H400 (M=10) Aquatic Chronic 1,	[1]

SECTION 3: Composition/information on ingredients

			H410 (M=1) EUH071	
zinc chloride	EC: 231-592-0 CAS: 7646-85-7 Index: 030-003-00-2	<0.01	Acute Tox. 4, H302 Skin Corr. 1B, H314 Eye Dam. 1, H318 STOT SE 3, H335 Aquatic Acute 1, H400 (M=10) Aquatic Chronic 1, H410 (M=1)	[1] [2]
Anti-TG Ab Adjustors				
sodium azide	EC: 247-852-1 CAS: 26628-22-8 Index: 011-004-00-7	≤5	Acute Tox. 2, H300 Acute Tox. 1, H310 Aquatic Acute 1, H400 (M=1) Aquatic Chronic 1, H410 (M=1) EUH032	[1] [2]
3(2H)-Isothiazolone, 2-methyl-	EC: 220-239-6 CAS: 2682-20-4	≤0.89	Acute Tox. 3, H301 Acute Tox. 3, H311 Acute Tox. 2, H330 Skin Corr. 1B, H314 Eye Dam. 1, H318 Skin Sens. 1A, H317 Aquatic Acute 1, H400 (M=10) Aquatic Chronic 1, H410 (M=1) EUH071 **See Section 16 for the full text of the H statements declared above.**	[1]

Type

[1] Substance classified with a health or environmental hazard
[2] Substance with a workplace exposure limit

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

SECTION 4: First aid measures

4.1 Description of first aid measures

Eye contact : Thyroid Autoantibody Sample Diluent — 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.

Anti-TG Ab Reagent Wedge A — 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.

Anti-TG Ab Reagent Wedge B — 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.

Anti-TG Ab Adjustors — Immediately flush eyes with plenty of water, occasionally lifting the upper and

SECTION 4: First aid measures

			lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 10 minutes. Get medical attention.
Inhalation	:	Thyroid Autoantibody Sample Diluent	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.
		Anti-TG Ab Reagent Wedge A	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. 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.
		Anti-TG Ab Reagent Wedge B	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. 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.
		Anti-TG Ab Adjustors	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 unconscious, place in

SECTION 4: First aid measures

			recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband. 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.
Skin contact	:	Thyroid Autoantibody Sample Diluent	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.
		Anti-TG Ab Reagent Wedge A	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.
		Anti-TG Ab Reagent Wedge B	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.
		Anti-TG Ab Adjustors	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. If necessary, call a poison center or physician. In the event of any complaints or symptoms, avoid further exposure. Wash clothing before reuse. Clean shoes thoroughly before reuse.
Ingestion	:	Thyroid Autoantibody Sample Diluent	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,

SECTION 4: First aid measures

Anti-TG Ab Reagent Wedge A	place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing 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.
Anti-TG Ab Reagent Wedge B	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.
Anti-TG Ab Adjustors	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 necessary, call a poison center or physician. 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.

SECTION 4: First aid measures

Protection of first-aiders	:	Thyroid Autoantibody Sample Diluent	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.
		Anti-TG Ab Reagent Wedge A	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.
		Anti-TG Ab Reagent Wedge B	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.
		Anti-TG Ab Adjustors	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.

4.2 Most important symptoms and effects, both acute and delayed

Over-exposure signs/symptoms

Eye contact	:	Thyroid Autoantibody Sample Diluent	No specific data.
		Anti-TG Ab Reagent Wedge A	No specific data.
		Anti-TG Ab Reagent Wedge B	No specific data.
		Anti-TG Ab Adjustors	No specific data.
Inhalation	:	Thyroid Autoantibody Sample Diluent	No specific data.
		Anti-TG Ab Reagent Wedge A	No specific data.
		Anti-TG Ab Reagent Wedge B	No specific data.
		Anti-TG Ab Adjustors	No specific data.
Skin contact	:	Thyroid Autoantibody Sample Diluent	Adverse symptoms may include the following: irritation redness
		Anti-TG Ab Reagent Wedge A	Adverse symptoms may include the following: irritation redness
		Anti-TG Ab Reagent Wedge B	Adverse symptoms may include the following: irritation redness
		Anti-TG Ab Adjustors	Adverse symptoms may include the following: irritation redness
Ingestion	:	Thyroid Autoantibody Sample Diluent	No specific data.
		Anti-TG Ab Reagent Wedge A	No specific data.
		Anti-TG Ab Reagent Wedge B	No specific data.
		Anti-TG Ab Adjustors	No specific data.

4.3 Indication of any immediate medical attention and special treatment needed

SECTION 4: First aid measures

Notes to physician	:	Thyroid Autoantibody Sample Diluent	Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
		Anti-TG Ab Reagent Wedge A	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.
		Anti-TG Ab Reagent Wedge B	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.
		Anti-TG Ab Adjustors	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.
Specific treatments	:	Thyroid Autoantibody Sample Diluent	No specific treatment.
		Anti-TG Ab Reagent Wedge A	No specific treatment.
		Anti-TG Ab Reagent Wedge B	No specific treatment.
		Anti-TG Ab Adjustors	No specific treatment.
		Thyroid Autoantibody Sample Diluent	Not available.
		Anti-TG Ab Reagent Wedge A	Not available.
		Anti-TG Ab Reagent Wedge B	Not available.
		Anti-TG Ab Adjustors	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. This material is harmful to aquatic life with long lasting effects. Fire water contaminated with this material must be contained and prevented from being discharged to any waterway, sewer or drain.

Hazardous combustion products : Decomposition products may include the following materials:
carbon dioxide
carbon monoxide
nitrogen oxides
sulfur oxides
phosphorus oxides
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. Avoid breathing vapour or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. 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). Water polluting material. May be harmful to the environment if released in large quantities.

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. Approach the release from upwind. 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. Contaminated absorbent material may pose the same hazard as the spilt product. Note: see Section 1 for emergency contact information and Section 13 for waste disposal.

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). Persons with a history of skin sensitization problems should not be employed in any process in which this product is used. Do not get in eyes or on skin or clothing. Do not ingest. Avoid breathing vapour or mist. Avoid release to the environment. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Empty containers retain product residue and can be hazardous. Do not reuse container.

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.

Seveso Directive - Reporting thresholds

Danger criteria

SECTION 7: Handling and storage

Category	Notification and MAPP threshold	Safety report threshold
Anti-TG Ab Adjustors E2	200 tonne	500 tonne

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
Thyroid Autoantibody Sample Diluent	
sodium azide	**EH40/2005 WELs (United Kingdom (UK), 1/2020). Absorbed through skin.** STEL: 0.3 mg/m³, (as NaN3) 15 minutes. TWA: 0.1 mg/m³, (as NaN3) 8 hours.
Anti-TG Ab Reagent Wedge A	
sodium azide	**EH40/2005 WELs (United Kingdom (UK), 1/2020). Absorbed through skin.** STEL: 0.3 mg/m³, (as NaN3) 15 minutes. TWA: 0.1 mg/m³, (as NaN3) 8 hours.
Anti-TG Ab Reagent Wedge B	
sodium azide	**EH40/2005 WELs (United Kingdom (UK), 1/2020). Absorbed through skin.** STEL: 0.3 mg/m³, (as NaN3) 15 minutes. TWA: 0.1 mg/m³, (as NaN3) 8 hours.
zinc chloride	**EH40/2005 WELs (United Kingdom (UK), 1/2020).** STEL: 2 mg/m³ 15 minutes. Form: Fume TWA: 1 mg/m³ 8 hours. Form: Fume
Anti-TG Ab Adjustors	
sodium azide	**EH40/2005 WELs (United Kingdom (UK), 1/2020). Absorbed through skin.** STEL: 0.3 mg/m³, (as NaN3) 15 minutes. TWA: 0.1 mg/m³, (as NaN3) 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

Product/ingredient name	Type	Exposure	Value	Population	Effects
Thyroid Autoantibody Sample Diluent					
sodium azide	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/m³	General population	Systemic
	DNEL	Long term Dermal	46.7 µg/kg	Workers	Systemic

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			bw/day		
	DNEL	Long term Inhalation	0.164 mg/m³	Workers	Systemic
3(2H)-Isothiazolone, 2-methyl-	DNEL	Long term Inhalation	0.021 mg/m³	General population	Local
	DNEL	Long term Inhalation	0.021 mg/m³	Workers	Local
	DNEL	Long term Oral	0.027 mg/kg bw/day	General population	Systemic
	DNEL	Short term Inhalation	0.043 mg/m³	General population	Local
	DNEL	Short term Inhalation	0.043 mg/m³	Workers	Local
	DNEL	Short term Oral	0.053 mg/kg bw/day	General population	Systemic
Anti-TG Ab Reagent Wedge A					
sodium azide	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/m³	General population	Systemic
	DNEL	Long term Dermal	46.7 µg/kg bw/day	Workers	Systemic
	DNEL	Long term Inhalation	0.164 mg/m³	Workers	Systemic
3(2H)-Isothiazolone, 2-methyl-	DNEL	Long term Inhalation	0.021 mg/m³	General population	Local
	DNEL	Long term Inhalation	0.021 mg/m³	Workers	Local
	DNEL	Long term Oral	0.027 mg/kg bw/day	General population	Systemic
	DNEL	Short term Inhalation	0.043 mg/m³	General population	Local
	DNEL	Short term Inhalation	0.043 mg/m³	Workers	Local
	DNEL	Short term Oral	0.053 mg/kg bw/day	General population	Systemic
Anti-TG Ab Reagent Wedge B					
sodium azide	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/m³	General population	Systemic
	DNEL	Long term Dermal	46.7 µg/kg bw/day	Workers	Systemic
	DNEL	Long term Inhalation	0.164 mg/m³	Workers	Systemic
3(2H)-Isothiazolone, 2-methyl-	DNEL	Long term Inhalation	0.021 mg/m³	General population	Local
	DNEL	Long term Inhalation	0.021 mg/m³	Workers	Local
	DNEL	Long term Oral	0.027 mg/kg bw/day	General population	Systemic
	DNEL	Short term Inhalation	0.043 mg/m³	General population	Local
	DNEL	Short term Inhalation	0.043 mg/m³	Workers	Local
	DNEL	Short term Oral	0.053 mg/kg bw/day	General population	Systemic
zinc chloride	DNEL	Long term Oral	0.83 mg/	General	Systemic

SECTION 8: Exposure controls/personal protection

			kg bw/day	population	
	DNEL	Long term Inhalation	1 mg/m³	Workers	Systemic
	DNEL	Long term Dermal	8.3 mg/kg bw/day	General population	Systemic
	DNEL	Long term Dermal	8.3 mg/kg bw/day	Workers	Systemic
	DNEL	Long term Inhalation	1.25 mg/m³	General population	Systemic
Anti-TG Ab Adjustors					
sodium azide	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/m³	General population	Systemic
	DNEL	Long term Dermal	46.7 µg/kg bw/day	Workers	Systemic
	DNEL	Long term Inhalation	0.164 mg/m³	Workers	Systemic
3(2H)-Isothiazolone, 2-methyl-	DNEL	Long term Inhalation	0.021 mg/m³	General population	Local
	DNEL	Long term Inhalation	0.021 mg/m³	Workers	Local
	DNEL	Long term Oral	0.027 mg/kg bw/day	General population	Systemic
	DNEL	Short term Inhalation	0.043 mg/m³	General population	Local
	DNEL	Short term Inhalation	0.043 mg/m³	Workers	Local
	DNEL	Short term Oral	0.053 mg/kg bw/day	General population	Systemic

PNECs

No PNECs available

8.2 Exposure controls

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. Contaminated work clothing should not be allowed out of the workplace. 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. Considering the parameters specified by the glove manufacturer, check during use that the gloves are still retaining their protective properties. It should be noted that the time to breakthrough for any glove material may be different for different glove manufacturers. In the case of mixtures, consisting of several substances, the protection time of the gloves cannot be accurately estimated.

SECTION 8: Exposure controls/personal protection

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	:	Thyroid Autoantibody Sample Diluent	Liquid.
		Anti-TG Ab Reagent Wedge A	Liquid.
		Anti-TG Ab Reagent Wedge B	Liquid.
		Anti-TG Ab Adjustors	Solid.
Colour	:	Thyroid Autoantibody Sample Diluent	Colourless.
		Anti-TG Ab Reagent Wedge A	Colourless.
		Anti-TG Ab Reagent Wedge B	Colourless.
		Anti-TG Ab Adjustors	Off-white.
Odour	:	Thyroid Autoantibody Sample Diluent	Odourless.
		Anti-TG Ab Reagent Wedge A	Odourless.
		Anti-TG Ab Reagent Wedge B	Odourless.
		Anti-TG Ab Adjustors	Odourless.
Odour threshold	:	Not relevant/applicable due to nature of the product.	
Melting point/freezing point	:	Not relevant/applicable due to nature of the product.	
Softening point	:	Not relevant/applicable due to nature of the product.	
Sublimation temperature	:	Not relevant/applicable due to nature of the product.	
Initial boiling point and boiling range	:	Thyroid Autoantibody Sample Diluent	Not available.
		Anti-TG Ab Reagent Wedge A	Not available.
		Anti-TG Ab Reagent Wedge B	Not available.
		Anti-TG Ab Adjustors	Not available.
Flammability (solid, gas)	:	Thyroid Autoantibody Sample Diluent	Not relevant/applicable due to nature of the product.
		Anti-TG Ab Reagent Wedge A	Not relevant/applicable due to nature of the product.
		Anti-TG Ab Reagent Wedge B	Not relevant/applicable due to nature of the product.
		Anti-TG Ab Adjustors	Not relevant/applicable due to nature of the product.
Upper/lower flammability or explosive limits	:	Thyroid Autoantibody Sample Diluent	Not available.
		Anti-TG Ab Reagent Wedge A	Not available.
		Anti-TG Ab Reagent Wedge B	Not available.
		Anti-TG Ab Adjustors	Not applicable.
Flash point	:	Thyroid Autoantibody Sample Diluent	[Product does not sustain combustion.]
		Anti-TG Ab Reagent Wedge A	[Product does not sustain combustion.]
		Anti-TG Ab Reagent Wedge B	[Product does not sustain combustion.]
		Anti-TG Ab Adjustors	[Product does not sustain combustion.]

SECTION 9: Physical and chemical properties

	Closed cup			Open cup		
Ingredient name	**°C**	**°F**	**Method**	**°C**	**°F**	**Method**
Thyroid Autoantibody Sample Diluent						
Sorbitan monolaurate, ethoxylated	275	527		>149	>300.2	

Auto-ignition temperature :

Ingredient name	°C	°F	Method
Thyroid Autoantibody Sample Diluent			
sodium azide	309	588.2	EU A.16
Anti-TG Ab Reagent Wedge A			
sodium azide	309	588.2	EU A.16
Anti-TG Ab Reagent Wedge B			
sodium azide	309	588.2	EU A.16

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

pH :

Thyroid Autoantibody Sample Diluent	7.35 to 7.45
Anti-TG Ab Reagent Wedge A	7.95 to 8.05
Anti-TG Ab Reagent Wedge B	7.95 to 8.05
Anti-TG Ab Adjustors	Not applicable.

Viscosity :

Thyroid Autoantibody Sample Diluent	Not available.
Anti-TG Ab Reagent Wedge A	Not available.
Anti-TG Ab Reagent Wedge B	Not available.
Anti-TG Ab Adjustors	Not applicable.

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 :

	Vapour Pressure at 20˚C			Vapour pressure at 50˚C		
Ingredient name	**mm Hg**	**kPa**	**Method**	**mm Hg**	**kPa**	**Method**
Thyroid Autoantibody Sample Diluent						
water	23.8	3.2				
Anti-TG Ab Reagent Wedge A						
water	23.8	3.2				
Anti-TG Ab Reagent Wedge B						
water	23.8	3.2				

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

Relative density :

Thyroid Autoantibody Sample Diluent	1
Anti-TG Ab Reagent Wedge A	1
Anti-TG Ab Reagent Wedge B	1
Anti-TG Ab Adjustors	1

Density :

Thyroid Autoantibody Sample Diluent	Not available.
Anti-TG Ab Reagent Wedge A	Not available.
Anti-TG Ab Reagent Wedge B	Not available.
Anti-TG Ab Adjustors	Not available.

SECTION 9: Physical and chemical properties

Vapour density	:	Thyroid Autoantibody Sample Diluent	Not available.
		Anti-TG Ab Reagent Wedge A	Not available.
		Anti-TG Ab Reagent Wedge B	Not available.
		Anti-TG Ab Adjustors	Not applicable.
Explosive properties	:	Thyroid Autoantibody Sample Diluent	Not available.
		Anti-TG Ab Reagent Wedge A	Not available.
		Anti-TG Ab Reagent Wedge B	Not available.
		Anti-TG Ab Adjustors	Not available.
Oxidising properties	:	Thyroid Autoantibody Sample Diluent	Not available.
		Anti-TG Ab Reagent Wedge A	Not available.
		Anti-TG Ab Reagent Wedge B	Not available.
		Anti-TG Ab Adjustors	Not available.

Particle characteristics

Median particle size : Not applicable.

9.2 Other information

Fire point	:	Thyroid Autoantibody Sample Diluent	Not available.
		Anti-TG Ab Reagent Wedge A	Not available.
		Anti-TG Ab Reagent Wedge B	Not available.
		Anti-TG Ab Adjustors	Not available.

Burning time : Not relevant/applicable due to nature of the product.

Fundamental burning velocity : Not relevant/applicable due to nature of the product.

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

SADT : Not relevant/applicable due to nature of the product.

SAPT : Not relevant/applicable due to nature of the product.

Heat of reaction : Not relevant/applicable due to nature of the product.

Heat of combustion : Not relevant/applicable due to nature of the product.

Flow time (ISO 2431) : Not relevant/applicable due to nature of the product.

Molecular weight : Not relevant/applicable due to nature of the product.

SECTION 10: Stability and reactivity

10.1 Reactivity : No specific test data related to reactivity available for this product or its ingredients.

10.2 Chemical stability : The product is stable.

10.3 Possibility of hazardous reactions : Under normal conditions of storage and use, hazardous reactions will not occur.

10.4 Conditions to avoid : No specific data.

10.5 Incompatible materials : No specific data.

10.6 Hazardous decomposition products : 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

SECTION 11: Toxicological information

Product/ingredient name	Result	Species	Dose	Exposure
Thyroid Autoantibody Sample Diluent				
sodium azide	LD50 Dermal	Rabbit	20 mg/kg	-
	LD50 Dermal	Rat	50 mg/kg	-
	LD50 Oral	Rat	27 mg/kg	-
Anti-TG Ab Reagent Wedge A				
sodium azide	LD50 Dermal	Rabbit	20 mg/kg	-
	LD50 Dermal	Rat	50 mg/kg	-
	LD50 Oral	Rat	27 mg/kg	-
Anti-TG Ab Reagent Wedge B				
sodium azide	LD50 Dermal	Rabbit	20 mg/kg	-
	LD50 Dermal	Rat	50 mg/kg	-
	LD50 Oral	Rat	27 mg/kg	-
zinc chloride	LD50 Oral	Rat	350 mg/kg	-
Anti-TG Ab Adjustors				
sodium azide	LD50 Dermal	Rabbit	20 mg/kg	-
	LD50 Dermal	Rat	50 mg/kg	-
	LD50 Oral	Rat	27 mg/kg	-

Conclusion/Summary : Thyroid Autoantibody Sample Diluent Not available.
Anti-TG Ab Reagent Wedge A Not available.
Anti-TG Ab Reagent Wedge B Not available.
Anti-TG Ab Adjustors 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)
Thyroid Autoantibody Sample Diluent					
sodium azide	27	20	N/A	N/A	N/A
3(2H)-Isothiazolone, 2-methyl-	100	300	N/A	0.5	N/A
Anti-TG Ab Reagent Wedge A					
sodium azide	27	20	N/A	N/A	N/A
3(2H)-Isothiazolone, 2-methyl-	100	300	N/A	0.5	N/A
Anti-TG Ab Reagent Wedge B					
sodium azide	27	20	N/A	N/A	N/A
3(2H)-Isothiazolone, 2-methyl-	100	300	N/A	0.5	N/A
zinc chloride	350	N/A	N/A	N/A	N/A
Anti-TG Ab Adjustors					
Anti-TG Ab Adjustors	650.4	491.7	N/A	121.4	N/A
sodium azide	27	20	N/A	N/A	N/A
3(2H)-Isothiazolone, 2-methyl-	100	300	N/A	0.5	N/A

Irritation/Corrosion

SECTION 11: Toxicological information

Product/ingredient name	Result	Species	Score	Exposure	Observation
Anti-TG Ab Reagent Wedge A					
aminocaproic acid	Eyes - Mild irritant	Rabbit	-	24 hours 500 mg	-
Anti-TG Ab Reagent Wedge B					
aminocaproic acid	Eyes - Mild irritant	Rabbit	-	24 hours 500 mg	-
zinc chloride	Skin - Severe irritant	Rabbit	-	120 hours 1 %	-

Conclusion/Summary

Skin : Thyroid Autoantibody Sample Diluent — Not available.
Anti-TG Ab Reagent Wedge A — Not available.
Anti-TG Ab Reagent Wedge B — Not available.
Anti-TG Ab Adjustors — Not available.

Eyes : Thyroid Autoantibody Sample Diluent — Not available.
Anti-TG Ab Reagent Wedge A — Not available.
Anti-TG Ab Reagent Wedge B — Not available.
Anti-TG Ab Adjustors — Not available.

Respiratory : Thyroid Autoantibody Sample Diluent — Not available.
Anti-TG Ab Reagent Wedge A — Not available.
Anti-TG Ab Reagent Wedge B — Not available.
Anti-TG Ab Adjustors — Not available.

Sensitisation

Conclusion/Summary

Skin : Thyroid Autoantibody Sample Diluent — Not available.
Anti-TG Ab Reagent Wedge A — Not available.
Anti-TG Ab Reagent Wedge B — Not available.
Anti-TG Ab Adjustors — Not available.

Respiratory : Thyroid Autoantibody Sample Diluent — Not available.
Anti-TG Ab Reagent Wedge A — Not available.
Anti-TG Ab Reagent Wedge B — Not available.
Anti-TG Ab Adjustors — Not available.

Mutagenicity

Conclusion/Summary : Thyroid Autoantibody Sample Diluent — Not available.
Anti-TG Ab Reagent Wedge A — Not available.
Anti-TG Ab Reagent Wedge B — Not available.
Anti-TG Ab Adjustors — Not available.

Carcinogenicity

Conclusion/Summary : Thyroid Autoantibody Sample Diluent — Not available.
Anti-TG Ab Reagent Wedge A — Not available.
Anti-TG Ab Reagent Wedge B — Not available.
Anti-TG Ab Adjustors — Not available.

Reproductive toxicity

Conclusion/Summary : Thyroid Autoantibody Sample Diluent — Not available.
Anti-TG Ab Reagent Wedge A — Not available.
Anti-TG Ab Reagent Wedge B — Not available.
Anti-TG Ab Adjustors — Not available.

Teratogenicity

Conclusion/Summary : Thyroid Autoantibody Sample Diluent — Not available.
Anti-TG Ab Reagent Wedge A — Not available.
Anti-TG Ab Reagent Wedge B — Not available.
Anti-TG Ab Adjustors — Not available.

Specific target organ toxicity (single exposure)

SECTION 11: Toxicological information

Product/ingredient name	Category	Route of exposure	Target organs
Anti-TG Ab Reagent Wedge B zinc chloride	Category 3	-	Respiratory tract irritation

Specific target organ toxicity (repeated exposure)

Not available.

Aspiration hazard

Not available.

Information on likely routes of exposure	:	Thyroid Autoantibody Sample Diluent	Not available.
		Anti-TG Ab Reagent Wedge A	Not available.
		Anti-TG Ab Reagent Wedge B	Not available.
		Anti-TG Ab Adjustors	Not available.

Potential acute health effects

Eye contact	:	Thyroid Autoantibody Sample Diluent	No known significant effects or critical hazards.
		Anti-TG Ab Reagent Wedge A	No known significant effects or critical hazards.
		Anti-TG Ab Reagent Wedge B	No known significant effects or critical hazards.
		Anti-TG Ab Adjustors	No known significant effects or critical hazards.
Inhalation	:	Thyroid Autoantibody Sample Diluent	No known significant effects or critical hazards.
		Anti-TG Ab Reagent Wedge A	No known significant effects or critical hazards.
		Anti-TG Ab Reagent Wedge B	No known significant effects or critical hazards.
		Anti-TG Ab Adjustors	No known significant effects or critical hazards.
Skin contact	:	Thyroid Autoantibody Sample Diluent	May cause an allergic skin reaction.
		Anti-TG Ab Reagent Wedge A	May cause an allergic skin reaction.
		Anti-TG Ab Reagent Wedge B	May cause an allergic skin reaction.
		Anti-TG Ab Adjustors	Toxic in contact with skin. May cause an allergic skin reaction.
Ingestion	:	Thyroid Autoantibody Sample Diluent	No known significant effects or critical hazards.
		Anti-TG Ab Reagent Wedge A	No known significant effects or critical hazards.
		Anti-TG Ab Reagent Wedge B	No known significant effects or critical hazards.
		Anti-TG Ab Adjustors	Harmful if swallowed.

Symptoms related to the physical, chemical and toxicological characteristics

Eye contact	:	Thyroid Autoantibody Sample Diluent	No specific data.
		Anti-TG Ab Reagent Wedge A	No specific data.
		Anti-TG Ab Reagent Wedge B	No specific data.
		Anti-TG Ab Adjustors	No specific data.
Inhalation	:	Thyroid Autoantibody Sample Diluent	No specific data.
		Anti-TG Ab Reagent Wedge A	No specific data.
		Anti-TG Ab Reagent Wedge B	No specific data.
		Anti-TG Ab Adjustors	No specific data.

SECTION 11: Toxicological information

Skin contact	:	Thyroid Autoantibody Sample Diluent	Adverse symptoms may include the following: irritation redness
		Anti-TG Ab Reagent Wedge A	Adverse symptoms may include the following: irritation redness
		Anti-TG Ab Reagent Wedge B	Adverse symptoms may include the following: irritation redness
		Anti-TG Ab Adjustors	Adverse symptoms may include the following: irritation redness
Ingestion	:	Thyroid Autoantibody Sample Diluent	No specific data.
		Anti-TG Ab Reagent Wedge A	No specific data.
		Anti-TG Ab Reagent Wedge B	No specific data.
		Anti-TG Ab Adjustors	No specific data.

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

Short term exposure

Potential immediate effects	:	Thyroid Autoantibody Sample Diluent	Not available.
		Anti-TG Ab Reagent Wedge A	Not available.
		Anti-TG Ab Reagent Wedge B	Not available.
		Anti-TG Ab Adjustors	Not available.
Potential delayed effects	:	Thyroid Autoantibody Sample Diluent	Not available.
		Anti-TG Ab Reagent Wedge A	Not available.
		Anti-TG Ab Reagent Wedge B	Not available.
		Anti-TG Ab Adjustors	Not available.

Long term exposure

Potential immediate effects	:	Thyroid Autoantibody Sample Diluent	Not available.
		Anti-TG Ab Reagent Wedge A	Not available.
		Anti-TG Ab Reagent Wedge B	Not available.
		Anti-TG Ab Adjustors	Not available.
Potential delayed effects	:	Thyroid Autoantibody Sample Diluent	Not available.
		Anti-TG Ab Reagent Wedge A	Not available.
		Anti-TG Ab Reagent Wedge B	Not available.
		Anti-TG Ab Adjustors	Not available.

Potential chronic health effects

Not available.

Conclusion/Summary	:	Thyroid Autoantibody Sample Diluent	Not available.
		Anti-TG Ab Reagent Wedge A	Not available.
		Anti-TG Ab Reagent Wedge B	Not available.
		Anti-TG Ab Adjustors	Not available.
General	:	Thyroid Autoantibody Sample Diluent	Once sensitized, a severe allergic reaction may occur when subsequently exposed to very low levels.
		Anti-TG Ab Reagent Wedge A	Once sensitized, a severe allergic reaction may occur when subsequently exposed to very low levels.
		Anti-TG Ab Reagent Wedge B	Once sensitized, a severe allergic reaction may occur when subsequently exposed to very low levels.
		Anti-TG Ab Adjustors	Once sensitized, a severe allergic reaction may occur when subsequently exposed to very low levels.

SECTION 11: Toxicological information

Carcinogenicity	:	Thyroid Autoantibody Sample Diluent	No known significant effects or critical hazards.
		Anti-TG Ab Reagent Wedge A	No known significant effects or critical hazards.
		Anti-TG Ab Reagent Wedge B	No known significant effects or critical hazards.
		Anti-TG Ab Adjustors	No known significant effects or critical hazards.
Mutagenicity	:	Thyroid Autoantibody Sample Diluent	No known significant effects or critical hazards.
		Anti-TG Ab Reagent Wedge A	No known significant effects or critical hazards.
		Anti-TG Ab Reagent Wedge B	No known significant effects or critical hazards.
		Anti-TG Ab Adjustors	No known significant effects or critical hazards.
Reproductive toxicity	:	Thyroid Autoantibody Sample Diluent	No known significant effects or critical hazards.
		Anti-TG Ab Reagent Wedge A	No known significant effects or critical hazards.
		Anti-TG Ab Reagent Wedge B	No known significant effects or critical hazards.
		Anti-TG Ab Adjustors	No known significant effects or critical hazards.
Interactive effects	:	Thyroid Autoantibody Sample Diluent	Not available.
		Anti-TG Ab Reagent Wedge A	Not available.
		Anti-TG Ab Reagent Wedge B	Not available.
		Anti-TG Ab Adjustors	Not available.

Toxicokinetics

Absorption	:	Thyroid Autoantibody Sample Diluent	Not available.
		Anti-TG Ab Reagent Wedge A	Not available.
		Anti-TG Ab Reagent Wedge B	Not available.
		Anti-TG Ab Adjustors	Not available.
Distribution	:	Thyroid Autoantibody Sample Diluent	Not available.
		Anti-TG Ab Reagent Wedge A	Not available.
		Anti-TG Ab Reagent Wedge B	Not available.
		Anti-TG Ab Adjustors	Not available.
Metabolism	:	Thyroid Autoantibody Sample Diluent	Not available.
		Anti-TG Ab Reagent Wedge A	Not available.
		Anti-TG Ab Reagent Wedge B	Not available.
		Anti-TG Ab Adjustors	Not available.
Elimination	:	Thyroid Autoantibody Sample Diluent	Not available.
		Anti-TG Ab Reagent Wedge A	Not available.
		Anti-TG Ab Reagent Wedge B	Not available.
		Anti-TG Ab Adjustors	Not available.
Other information	:	Thyroid Autoantibody Sample Diluent	Not available.
		Anti-TG Ab Reagent Wedge A	Not available.
		Anti-TG Ab Reagent Wedge B	Not available.
		Anti-TG Ab Adjustors	Not available.

SECTION 12: Ecological information

12.1 Toxicity

SECTION 12: Ecological information

Product/ingredient name	Result	Species	Exposure
Thyroid Autoantibody Sample Diluent			
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
3(2H)-Isothiazolone, 2-methyl-	Acute EC50 0.18 ppm Fresh water	Daphnia - Water flea - Daphnia magna	48 hours
	Acute LC50 0.07 ppm Fresh water	Fish - Rainbow trout,donaldson trout - Oncorhynchus mykiss	96 hours
Anti-TG Ab Reagent Wedge A			
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
3(2H)-Isothiazolone, 2-methyl-	Acute EC50 0.18 ppm Fresh water	Daphnia - Water flea - Daphnia magna	48 hours
	Acute LC50 0.07 ppm Fresh water	Fish - Rainbow trout,donaldson trout - Oncorhynchus mykiss	96 hours
Anti-TG Ab Reagent Wedge 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
3(2H)-Isothiazolone, 2-methyl-	Acute EC50 0.18 ppm Fresh water	Daphnia - Water flea - Daphnia magna	48 hours
	Acute LC50 0.07 ppm Fresh water	Fish - Rainbow trout,donaldson trout - Oncorhynchus mykiss	96 hours
zinc chloride	Acute EC50 34 µg/l Fresh water	Algae - Green algae - Chlorella vulgaris - Exponential growth phase	72 hours
	Acute EC50 26 µg/l Marine water	Algae - Diatom - Navicula incerta	96 hours
	Acute EC50 1.8 mg/l Fresh water	Aquatic plants - Lesser Duckweed - Lemna aequinoctialis	96 hours
	Acute EC50 100 µg/l Fresh water	Daphnia - Water flea - Daphnia	48 hours

SECTION 12: Ecological information

		magna	
	Acute LC50 49.99 µg/l Fresh water	Crustaceans - Water flea - Moina irrasa - Neonate	48 hours
	Acute LC50 0.027 mg/l Marine water	Fish - Sand Flounder - Limanda punctatissima - Pre-larvae	96 hours
	Chronic NOEC 20 µg/l Marine water	Algae - Green algae - Chlorella sp. - Exponential growth phase	72 hours
	Chronic NOEC 1000 µg/l Fresh water	Crustaceans - Red swamp crayfish - Procambarus clarkii - Intermolt	21 days
	Chronic NOEC 80 µg/l Fresh water	Daphnia - Water flea - Daphnia magna - Juvenile (Fledgling, Hatchling, Weanling)	21 days
	Chronic NOEC 31.5 µg/l Fresh water	Fish - Rainbow trout,donaldson trout - Oncorhynchus mykiss	30 days
Anti-TG Ab Adjustors			
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
3(2H)-Isothiazolone, 2-methyl-	Acute EC50 0.18 ppm Fresh water	Daphnia - Water flea - Daphnia magna	48 hours
	Acute LC50 0.07 ppm Fresh water	Fish - Rainbow trout,donaldson trout - Oncorhynchus mykiss	96 hours

Conclusion/Summary : Thyroid Autoantibody Sample Diluent — Not available.
Anti-TG Ab Reagent Wedge A — Not available.
Anti-TG Ab Reagent Wedge B — Not available.
Anti-TG Ab Adjustors — Not available.

12.2 Persistence and degradability

Conclusion/Summary : Thyroid Autoantibody Sample Diluent — Not available.
Anti-TG Ab Reagent Wedge A — Not available.
Anti-TG Ab Reagent Wedge B — Not available.
Anti-TG Ab Adjustors — Not available.

12.3 Bioaccumulative potential

Product/ingredient name	$LogP_{ow}$	BCF	Potential
Anti-TG Ab Reagent Wedge A			
aminocaproic acid	-2.95	-	low
Anti-TG Ab Reagent Wedge B			
aminocaproic acid	-2.95	-	low

12.4 Mobility in soil

Soil/water partition coefficient (K_{OC}) : Thyroid Autoantibody Sample Diluent — Not available.
Anti-TG Ab Reagent Wedge A — Not available.
Anti-TG Ab Reagent Wedge B — Not available.
Anti-TG Ab Adjustors — Not available.

SECTION 12: Ecological information

Mobility	:	Thyroid Autoantibody Sample Diluent	Not available.
		Anti-TG Ab Reagent Wedge A	Not available.
		Anti-TG Ab Reagent Wedge B	Not available.
		Anti-TG Ab Adjustors	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 : The classification of the product may meet the criteria for a hazardous waste.

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. Care should be taken when handling emptied containers that have not been cleaned or rinsed out. Empty containers or liners may retain some product residues. Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers.

SECTION 14: Transport information

ADR/RID

14.1 UN number	Thyroid Autoantibody Sample Diluent	Not regulated.
	Anti-TG Ab Reagent Wedge A	Not regulated.
	Anti-TG Ab Reagent Wedge B	Not regulated.
	Anti-TG Ab Adjustors	UN3288
14.2 UN proper shipping name	Thyroid Autoantibody Sample Diluent	-
	Anti-TG Ab Reagent Wedge A	-
	Anti-TG Ab Reagent Wedge B	-
	Anti-TG Ab Adjustors	Toxic solid, inorganic, n.o.s. (sodium azide)
14.3 Transport hazard class(es)	Thyroid Autoantibody Sample Diluent	-
	Anti-TG Ab Reagent Wedge A	-
	Anti-TG Ab Reagent Wedge B	-
	Anti-TG Ab Adjustors	6.1
14.4 Packing group	Thyroid Autoantibody Sample Diluent	-
	Anti-TG Ab Reagent Wedge A	-
	Anti-TG Ab Reagent Wedge B	-
	Anti-TG Ab Adjustors	III

SECTION 14: Transport information

14.5 Environmental hazards	Thyroid Autoantibody Sample Diluent	No.
	Anti-TG Ab Reagent Wedge A	No.
	Anti-TG Ab Reagent Wedge B	No.
	Anti-TG Ab Adjustors	No.
Additional information	Thyroid Autoantibody Sample Diluent	-
	Anti-TG Ab Reagent Wedge A	-
	Anti-TG Ab Reagent Wedge B	-
	Anti-TG Ab Adjustors	**Tunnel code** (E)

ADN

14.1 UN number	Thyroid Autoantibody Sample Diluent	Not regulated.
	Anti-TG Ab Reagent Wedge A	Not regulated.
	Anti-TG Ab Reagent Wedge B	Not regulated.
	Anti-TG Ab Adjustors	UN3288
14.2 UN proper shipping name	Thyroid Autoantibody Sample Diluent	-
	Anti-TG Ab Reagent Wedge A	-
	Anti-TG Ab Reagent Wedge B	-
	Anti-TG Ab Adjustors	Toxic solid, inorganic, n.o.s. (sodium azide)
14.3 Transport hazard class(es)	Thyroid Autoantibody Sample Diluent	-
	Anti-TG Ab Reagent Wedge A	-
	Anti-TG Ab Reagent Wedge B	-
	Anti-TG Ab Adjustors	6.1
14.4 Packing group	Thyroid Autoantibody Sample Diluent	-
	Anti-TG Ab Reagent Wedge A	-
	Anti-TG Ab Reagent Wedge B	-
	Anti-TG Ab Adjustors	III
14.5 Environmental hazards	Thyroid Autoantibody Sample Diluent	No.
	Anti-TG Ab Reagent Wedge A	No.
	Anti-TG Ab Reagent Wedge B	No.
	Anti-TG Ab Adjustors	No.
Additional information	Thyroid Autoantibody Sample Diluent	-
	Anti-TG Ab Reagent Wedge A	-
	Anti-TG Ab Reagent Wedge B	-
	Anti-TG Ab Adjustors	-

IMDG

14.1 UN number	Thyroid Autoantibody Sample Diluent	Not regulated.
	Anti-TG Ab Reagent Wedge A	Not regulated.
	Anti-TG Ab Reagent Wedge B	Not regulated.
	Anti-TG Ab Adjustors	UN3288
14.2 UN proper shipping name	Thyroid Autoantibody Sample Diluent	-
	Anti-TG Ab Reagent Wedge A	-
	Anti-TG Ab Reagent Wedge B	-
	Anti-TG Ab Adjustors	Toxic solid, inorganic, n.o.s. (sodium azide)
14.3 Transport hazard class(es)	Thyroid Autoantibody Sample Diluent	-
	Anti-TG Ab Reagent Wedge A	-
	Anti-TG Ab Reagent Wedge B	-
	Anti-TG Ab Adjustors	6.1
14.4 Packing group	Thyroid Autoantibody Sample Diluent	-
	Anti-TG Ab Reagent Wedge A	-
	Anti-TG Ab Reagent Wedge B	-
	Anti-TG Ab Adjustors	III

SECTION 14: Transport information

14.5 Environmental hazards	Thyroid Autoantibody Sample Diluent	No.
	Anti-TG Ab Reagent Wedge A	No.
	Anti-TG Ab Reagent Wedge B	No.
	Anti-TG Ab Adjustors	No.
Additional information	Thyroid Autoantibody Sample Diluent	-
	Anti-TG Ab Reagent Wedge A	-
	Anti-TG Ab Reagent Wedge B	-
	Anti-TG Ab Adjustors	-

IATA

14.1 UN number	Thyroid Autoantibody Sample Diluent	Not regulated.
	Anti-TG Ab Reagent Wedge A	Not regulated.
	Anti-TG Ab Reagent Wedge B	Not regulated.
	Anti-TG Ab Adjustors	UN3288
14.2 UN proper shipping name	Thyroid Autoantibody Sample Diluent	-
	Anti-TG Ab Reagent Wedge A	-
	Anti-TG Ab Reagent Wedge B	-
	Anti-TG Ab Adjustors	Toxic solid, inorganic, n.o.s. (sodium azide)
14.3 Transport hazard class(es)	Thyroid Autoantibody Sample Diluent	-
	Anti-TG Ab Reagent Wedge A	-
	Anti-TG Ab Reagent Wedge B	-
	Anti-TG Ab Adjustors	6.1
14.4 Packing group	Thyroid Autoantibody Sample Diluent	-
	Anti-TG Ab Reagent Wedge A	-
	Anti-TG Ab Reagent Wedge B	-
	Anti-TG Ab Adjustors	III
14.5 Environmental hazards	Thyroid Autoantibody Sample Diluent	No.
	Anti-TG Ab Reagent Wedge A	No.
	Anti-TG Ab Reagent Wedge B	No.
	Anti-TG Ab Adjustors	No.
Additional information	Thyroid Autoantibody Sample Diluent	-
	Anti-TG Ab Reagent Wedge A	-
	Anti-TG Ab Reagent Wedge B	-
	Anti-TG Ab Adjustors	-

14.6 Special precautions for user	: Thyroid Autoantibody Sample Diluent	**Transport within user's premises:** 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.
	Anti-TG Ab Reagent Wedge A	**Transport within user's premises:** 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.
	Anti-TG Ab Reagent Wedge B	**Transport within user's premises:** 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.
	Anti-TG Ab Adjustors	**Transport within user's premises:** always transport in closed containers that are upright and secure. Ensure that persons transporting the product know

SECTION 14: Transport information

what to do in the event of an accident or spillage.

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

None of the components are listed.

Substances of very high concern

None of the components are listed.

Ozone depleting substances

Not listed.

Prior Informed Consent (PIC)

Not listed.

Persistent Organic Pollutants

Not listed.

Annex XVII - Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles	:	Thyroid Autoantibody Sample Diluent	Not applicable.
		Anti-TG Ab Reagent Wedge A	Not applicable.
		Anti-TG Ab Reagent Wedge B	Not applicable.
		Anti-TG Ab Adjustors	Not applicable.

Seveso Directive

This product is not controlled under the Seveso Directive.

Danger criteria

Category
Anti-TG Ab Adjustors
E2

National regulations

EU regulations

Industrial emissions (integrated pollution prevention and control) - Air	:	Thyroid Autoantibody Sample Diluent	Not listed
		Anti-TG Ab Reagent Wedge A	Not listed
		Anti-TG Ab Reagent Wedge B	Not listed
		Anti-TG Ab Adjustors	Not listed
Industrial emissions (integrated pollution prevention and control) - Water	:	Thyroid Autoantibody Sample Diluent	Not listed
		Anti-TG Ab Reagent Wedge A	Not listed
		Anti-TG Ab Reagent Wedge B	Not listed
		Anti-TG Ab Adjustors	Not listed

International regulations

Montreal Protocol

Not listed.

Stockholm Convention on Persistent Organic Pollutants

Not listed.

Rotterdam Convention on Prior Informed Consent (PIC)

SECTION 15: Regulatory information

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.

Abbreviations and acronyms : 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

Procedure used to derive the classification

Classification	Justification
Thyroid Autoantibody Sample Diluent	
Skin Sens. 1, H317	Calculation method
Anti-TG Ab Reagent Wedge A	
Skin Sens. 1, H317	Calculation method
Anti-TG Ab Reagent Wedge B	
Skin Sens. 1, H317	Calculation method
Anti-TG Ab Adjustors	
Acute Tox. 4, H302	Calculation method
Acute Tox. 3, H311	Calculation method
Skin Sens. 1, H317	Calculation method
Aquatic Chronic 2, H411	Calculation method

Full text of abbreviated H statements

Thyroid Autoantibody Sample Diluent

H300	Fatal if swallowed.
H301	Toxic if swallowed.
H310	Fatal in contact with skin.
H311	Toxic 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.
EUH032	Contact with acids liberates very toxic gas.
EUH071	Corrosive to the respiratory tract.

Anti-TG Ab

SECTION 16: Other information

Reagent
Wedge A

H300	Fatal if swallowed.
H301	Toxic if swallowed.
H310	Fatal in contact with skin.
H311	Toxic in contact with skin.
H314	Causes severe skin burns and eye damage.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H330	Fatal if inhaled.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.
EUH032	Contact with acids liberates very toxic gas.
EUH071	Corrosive to the respiratory tract.

Anti-TG Ab
Reagent
Wedge B

H300	Fatal if swallowed.
H301	Toxic if swallowed.
H302	Harmful if swallowed.
H310	Fatal in contact with skin.
H311	Toxic in contact with skin.
H314	Causes severe skin burns and eye damage.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H330	Fatal if inhaled.
H335	May cause respiratory irritation.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.
EUH032	Contact with acids liberates very toxic gas.
EUH071	Corrosive to the respiratory tract.

Anti-TG Ab
Adjustors

H300	Fatal if swallowed.
H301	Toxic if swallowed.
H302	Harmful if swallowed.
H310	Fatal in contact with skin.
H311	Toxic 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.
H411	Toxic to aquatic life with long lasting effects.
EUH032	Contact with acids liberates very toxic gas.
EUH071	Corrosive to the respiratory tract.

Full text of classifications

Thyroid
Autoantibody
Sample Diluent

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
Eye Dam. 1	SERIOUS EYE DAMAGE/EYE IRRITATION - Category 1
Skin Corr. 1B	SKIN CORROSION/IRRITATION - Category 1B
Skin Sens. 1	SKIN SENSITISATION - Category 1

SECTION 16: Other information

Skin Sens. 1A	SKIN SENSITISATION - Category 1A

Anti-TG Ab Reagent Wedge A

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
Eye Dam. 1	SERIOUS EYE DAMAGE/EYE IRRITATION - Category 1
Eye Irrit. 2	SERIOUS EYE DAMAGE/EYE IRRITATION - Category 2
Skin Corr. 1B	SKIN CORROSION/IRRITATION - Category 1B
Skin Sens. 1	SKIN SENSITISATION - Category 1
Skin Sens. 1A	SKIN SENSITISATION - Category 1A

Anti-TG Ab Reagent Wedge B

Acute Tox. 1	ACUTE TOXICITY - Category 1
Acute Tox. 2	ACUTE TOXICITY - Category 2
Acute Tox. 3	ACUTE TOXICITY - Category 3
Acute Tox. 4	ACUTE TOXICITY - Category 4
Aquatic Acute 1	SHORT-TERM (ACUTE) AQUATIC HAZARD - Category 1
Aquatic Chronic 1	LONG-TERM (CHRONIC) AQUATIC HAZARD - Category 1
Eye Dam. 1	SERIOUS EYE DAMAGE/EYE IRRITATION - Category 1
Eye Irrit. 2	SERIOUS EYE DAMAGE/EYE IRRITATION - Category 2
Skin Corr. 1B	SKIN CORROSION/IRRITATION - Category 1B
Skin Sens. 1	SKIN SENSITISATION - Category 1
Skin Sens. 1A	SKIN SENSITISATION - Category 1A
STOT SE 3	SPECIFIC TARGET ORGAN TOXICITY - SINGLE EXPOSURE - Category 3

Anti-TG Ab Adjustors

Acute Tox. 1	ACUTE TOXICITY - Category 1
Acute Tox. 2	ACUTE TOXICITY - Category 2
Acute Tox. 3	ACUTE TOXICITY - Category 3
Acute Tox. 4	ACUTE TOXICITY - Category 4
Aquatic Acute 1	SHORT-TERM (ACUTE) AQUATIC HAZARD - Category 1
Aquatic Chronic 1	LONG-TERM (CHRONIC) AQUATIC HAZARD - Category 1
Aquatic Chronic 2	LONG-TERM (CHRONIC) AQUATIC HAZARD - Category 2
Eye Dam. 1	SERIOUS EYE DAMAGE/EYE IRRITATION - Category 1
Skin Corr. 1B	SKIN CORROSION/IRRITATION - Category 1B
Skin Sens. 1	SKIN SENSITISATION - Category 1
Skin Sens. 1A	SKIN SENSITISATION - Category 1A

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Date of previous issue : No previous validation

Version : 1

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