SAFETY DATA SHEET

IMMULITE® 2000 Total T3

SIEMENS Healthineers

SDS no.: L2KT32_6_3M_6M

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

1.1 Product identifier

Product name : IMMULITE® 2000 Total T3

Product code : L2KT32, L2KT36, L2KT3M/6M, 10381654, 10381657

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

Identified uses	Total T3 Reagent Wedge	Diagnostic agents.
	Total T3 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	Total T3 Reagent Wedge	Mixture
	Total T3 Adjustors	Mixture

Classification according to UK CLP/GHS

Not classified.

The product is not classified as hazardous according to UK CLP Regulation SI 2019/720 as amended.

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

2.2 Label elements

Signal word	Total T3 Reagent Wedge	No signal word.
	Total T3 Adjustors	No signal word.
Hazard statements	Total T3 Reagent Wedge	No known significant effects or critical hazards.
	Total T3 Adjustors	No known significant effects or critical hazards.

Precautionary statements

Prevention	Total T3 Reagent Wedge	Not applicable.
	Total T3 Adjustors	Not applicable.
Response	Total T3 Reagent Wedge	Not applicable.
	Total T3 Adjustors	Not applicable.
Storage	Total T3 Reagent Wedge	Not applicable.
	Total T3 Adjustors	Not applicable.

SECTION 2: Hazards identification

Disposal	:	Total T3 Reagent Wedge	Not applicable.
		Total T3 Adjustors	Not applicable.
Supplemental label elements	:	Total T3 Reagent Wedge	Safety data sheet available on request.
		Total T3 Adjustors	Not applicable.
Annex XVII - Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles	:	Total T3 Reagent Wedge	Not applicable.
		Total T3 Adjustors	Not applicable.

2.3 Other hazards

Product meets the criteria for PBT or vPvB according to Regulation (EC) No. 1907/2006, Annex XIII	:	Total T3 Reagent Wedge	This mixture does not contain any substances that are assessed to be a PBT or a vPvB.
		Total T3 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	:	Total T3 Reagent Wedge	None known.
		Total T3 Adjustors	None known.
Additional information	:	Potentially biohazardous material.	
		Sodium azide may react with lead or copper plumbing to form highly explosive metal azides.	

SECTION 3: Composition/information on ingredients

3.1 Substances	:	Total T3 Reagent Wedge	Mixture
		Total T3 Adjustors	Mixture

Product/ingredient name	Identifiers	%	Classification	Type
Total T3 Reagent Wedge glycerol	REACH #: Annex V EC: 200-289-5 CAS: 56-81-5	≥10 - ≤25	Not classified. **See Section 16 for the full text of the H statements declared above.**	[1]

Type

[1] 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	:	Total T3 Reagent Wedge	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.
		Total T3 Adjustors	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.

SECTION 4: First aid measures

Inhalation	:	Total T3 Reagent Wedge	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.
		Total T3 Adjustors	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.
Skin contact	:	Total T3 Reagent Wedge	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.
		Total T3 Adjustors	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.
Ingestion	:	Total T3 Reagent Wedge	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.
		Total T3 Adjustors	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.
Protection of first-aiders	:	Total T3 Reagent Wedge	No action shall be taken involving any personal risk or without suitable training.
		Total T3 Adjustors	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

Eye contact	:	Total T3 Reagent Wedge	No specific data.
		Total T3 Adjustors	No specific data.
Inhalation	:	Total T3 Reagent Wedge	No specific data.
		Total T3 Adjustors	No specific data.
Skin contact	:	Total T3 Reagent Wedge	No specific data.
		Total T3 Adjustors	No specific data.
Ingestion	:	Total T3 Reagent Wedge	No specific data.
		Total T3 Adjustors	No specific data.

4.3 Indication of any immediate medical attention and special treatment needed

Notes to physician	:	Total T3 Reagent Wedge	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.
		Total T3 Adjustors	Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.

SECTION 4: First aid measures

Specific treatments	:	Total T3 Reagent Wedge	No specific treatment.
		Total T3 Adjustors	No specific treatment.
		Total T3 Reagent Wedge	Not available.
		Total T3 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.

Hazardous combustion products : Decomposition products may include the following materials:
carbon dioxide
carbon monoxide

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.

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
Total T3 Reagent Wedge glycerol	**EH40/2005 WELs (United Kingdom (UK), 1/2020).** TWA: 10 mg/m³ 8 hours. Form: Mist

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
Total T3 Reagent Wedge glycerol	DNEL	Long term Inhalation	33 mg/m³	General population	Local
	DNEL	Long term Inhalation	56 mg/m³	Workers	Local
	DNEL	Long term Oral	229 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

SECTION 8: Exposure controls/personal protection

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	:	Total T3 Reagent Wedge	Liquid.
		Total T3 Adjustors	Liquid.
Colour	:	Total T3 Reagent Wedge	Colourless.
		Total T3 Adjustors	Colourless.
Odour	:	Total T3 Reagent Wedge	Odourless.
		Total T3 Adjustors	Bland.
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	:	Total T3 Reagent Wedge	Not available.
		Total T3 Adjustors	Not available.
Flammability (solid, gas)	:	Total T3 Reagent Wedge	Not relevant/applicable due to nature of the product.
		Total T3 Adjustors	Not relevant/applicable due to nature of the product.
Upper/lower flammability or explosive limits	:	Total T3 Reagent Wedge	Not available.
		Total T3 Adjustors	Not available.
Flash point	:	Total T3 Reagent Wedge	[Product does not sustain combustion.]
		Total T3 Adjustors	[Product does not sustain combustion.]

SECTION 9: Physical and chemical properties

	Closed cup			Open cup		
Ingredient name	**°C**	**°F**	**Method**	**°C**	**°F**	**Method**
Total T3 Reagent Wedge						
glycerol				177	350.6	

Auto-ignition temperature :

Ingredient name	°C	°F	Method
Total T3 Reagent Wedge			
sodium azide	309	588.2	EU A.16
Total T3 Adjustors			
sodium azide	309	588.2	EU A.16

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

pH : Total T3 Reagent Wedge 8.55 to 8.65
Total T3 Adjustors Not applicable.

Viscosity : Total T3 Reagent Wedge Not available.
Total T3 Adjustors 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 :

	Vapour Pressure at 20˚C			Vapour pressure at 50˚C		
Ingredient name	**mm Hg**	**kPa**	**Method**	**mm Hg**	**kPa**	**Method**
Total T3 Reagent Wedge						
sodium azide	0.0075	0.001				
Total T3 Adjustors						
sodium azide	0.0075	0.001				

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

Relative density : Total T3 Reagent Wedge 1
Total T3 Adjustors 1

Density : Total T3 Reagent Wedge Not available.
Total T3 Adjustors Not available.

Vapour density : Total T3 Reagent Wedge Not available.
Total T3 Adjustors Not available.

Explosive properties : Total T3 Reagent Wedge Not available.
Total T3 Adjustors Not available.

Oxidising properties : Total T3 Reagent Wedge Not available.
Total T3 Adjustors Not available.

Particle characteristics

Median particle size : Not applicable.

9.2 Other information

Fire point : Total T3 Reagent Wedge Not available.
Total T3 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.

SECTION 9: Physical and chemical properties

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

Product/ingredient name	Result	Species	Dose	Exposure
Total T3 Reagent Wedge glycerol	LD50 Oral	Rat	12600 mg/kg	-

Conclusion/Summary : Total T3 Reagent Wedge Not available.
Total T3 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)
Total T3 Reagent Wedge glycerol	12600	N/A	N/A	N/A	N/A

Irritation/Corrosion

Product/ingredient name	Result	Species	Score	Exposure	Observation
Total T3 Reagent Wedge glycerol	Eyes - Mild irritant	Rabbit	-	24 hours 500 mg	-
	Skin - Mild irritant	Rabbit	-	24 hours 500 mg	-

Conclusion/Summary

Skin : Total T3 Reagent Wedge Not available.
Total T3 Adjustors Not available.

Eyes : Total T3 Reagent Wedge Not available.
Total T3 Adjustors Not available.

SECTION 11: Toxicological information

Respiratory	:	Total T3 Reagent Wedge	Not available.
		Total T3 Adjustors	Not available.

Sensitisation

Conclusion/Summary

Skin	:	Total T3 Reagent Wedge	Not available.
		Total T3 Adjustors	Not available.
Respiratory	:	Total T3 Reagent Wedge	Not available.
		Total T3 Adjustors	Not available.

Mutagenicity

Conclusion/Summary	:	Total T3 Reagent Wedge	Not available.
		Total T3 Adjustors	Not available.

Carcinogenicity

Conclusion/Summary	:	Total T3 Reagent Wedge	Not available.
		Total T3 Adjustors	Not available.

Reproductive toxicity

Conclusion/Summary	:	Total T3 Reagent Wedge	Not available.
		Total T3 Adjustors	Not available.

Teratogenicity

Conclusion/Summary	:	Total T3 Reagent Wedge	Not available.
		Total T3 Adjustors	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	:	Total T3 Reagent Wedge	Not available.
		Total T3 Adjustors	Not available.

Potential acute health effects

Eye contact	:	Total T3 Reagent Wedge	No known significant effects or critical hazards.
		Total T3 Adjustors	No known significant effects or critical hazards.
Inhalation	:	Total T3 Reagent Wedge	No known significant effects or critical hazards.
		Total T3 Adjustors	No known significant effects or critical hazards.
Skin contact	:	Total T3 Reagent Wedge	No known significant effects or critical hazards.
		Total T3 Adjustors	No known significant effects or critical hazards.
Ingestion	:	Total T3 Reagent Wedge	No known significant effects or critical hazards.
		Total T3 Adjustors	No known significant effects or critical hazards.

Symptoms related to the physical, chemical and toxicological characteristics

Eye contact	:	Total T3 Reagent Wedge	No specific data.
		Total T3 Adjustors	No specific data.
Inhalation	:	Total T3 Reagent Wedge	No specific data.
		Total T3 Adjustors	No specific data.

SECTION 11: Toxicological information

Skin contact	:	Total T3 Reagent Wedge	No specific data.
		Total T3 Adjustors	No specific data.
Ingestion	:	Total T3 Reagent Wedge	No specific data.
		Total T3 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	:	Total T3 Reagent Wedge	Not available.
		Total T3 Adjustors	Not available.
Potential delayed effects	:	Total T3 Reagent Wedge	Not available.
		Total T3 Adjustors	Not available.

Long term exposure

Potential immediate effects	:	Total T3 Reagent Wedge	Not available.
		Total T3 Adjustors	Not available.
Potential delayed effects	:	Total T3 Reagent Wedge	Not available.
		Total T3 Adjustors	Not available.

Potential chronic health effects

Not available.

Conclusion/Summary	:	Total T3 Reagent Wedge	Not available.
		Total T3 Adjustors	Not available.
General	:	Total T3 Reagent Wedge	No known significant effects or critical hazards.
		Total T3 Adjustors	No known significant effects or critical hazards.
Carcinogenicity	:	Total T3 Reagent Wedge	No known significant effects or critical hazards.
		Total T3 Adjustors	No known significant effects or critical hazards.
Mutagenicity	:	Total T3 Reagent Wedge	No known significant effects or critical hazards.
		Total T3 Adjustors	No known significant effects or critical hazards.
Reproductive toxicity	:	Total T3 Reagent Wedge	No known significant effects or critical hazards.
		Total T3 Adjustors	No known significant effects or critical hazards.
Interactive effects	:	Total T3 Reagent Wedge	Not available.
		Total T3 Adjustors	Not available.

Toxicokinetics

Absorption	:	Total T3 Reagent Wedge	Not available.
		Total T3 Adjustors	Not available.
Distribution	:	Total T3 Reagent Wedge	Not available.
		Total T3 Adjustors	Not available.
Metabolism	:	Total T3 Reagent Wedge	Not available.
		Total T3 Adjustors	Not available.
Elimination	:	Total T3 Reagent Wedge	Not available.
		Total T3 Adjustors	Not available.
Other information	:	Total T3 Reagent Wedge	Not available.
		Total T3 Adjustors	Not available.

SECTION 12: Ecological information

12.1 Toxicity

Conclusion/Summary	:	Total T3 Reagent Wedge	Not available.
		Total T3 Adjustors	Not available.

12.2 Persistence and degradability

Conclusion/Summary	:	Total T3 Reagent Wedge	Not available.
		Total T3 Adjustors	Not available.

12.3 Bioaccumulative potential

Not available.

12.4 Mobility in soil

Soil/water partition coefficient (K_{OC})	:	Total T3 Reagent Wedge	Not available.
		Total T3 Adjustors	Not available.
Mobility	:	Total T3 Reagent Wedge	Not available.
		Total T3 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 : 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 spilt material and runoff and contact with soil, waterways, drains and sewers.

SECTION 14: Transport information

ADR/RID

14.1 UN number	Total T3 Reagent Wedge	Not regulated.
	Total T3 Adjustors	Not regulated.
14.2 UN proper shipping name	Total T3 Reagent Wedge	-
	Total T3 Adjustors	-

SECTION 14: Transport information

14.3 Transport hazard class(es)	Total T3 Reagent Wedge	-
	Total T3 Adjustors	-
14.4 Packing group	Total T3 Reagent Wedge	-
	Total T3 Adjustors	-
14.5 Environmental hazards	Total T3 Reagent Wedge	No.
	Total T3 Adjustors	No.
Additional information	Total T3 Reagent Wedge	-
	Total T3 Adjustors	-

ADN

14.1 UN number	Total T3 Reagent Wedge	Not regulated.
	Total T3 Adjustors	Not regulated.
14.2 UN proper shipping name	Total T3 Reagent Wedge	-
	Total T3 Adjustors	-
14.3 Transport hazard class(es)	Total T3 Reagent Wedge	-
	Total T3 Adjustors	-
14.4 Packing group	Total T3 Reagent Wedge	-
	Total T3 Adjustors	-
14.5 Environmental hazards	Total T3 Reagent Wedge	No.
	Total T3 Adjustors	No.
Additional information	Total T3 Reagent Wedge	-
	Total T3 Adjustors	-

IMDG

14.1 UN number	Total T3 Reagent Wedge	Not regulated.
	Total T3 Adjustors	Not regulated.
14.2 UN proper shipping name	Total T3 Reagent Wedge	-
	Total T3 Adjustors	-
14.3 Transport hazard class(es)	Total T3 Reagent Wedge	-
	Total T3 Adjustors	-
14.4 Packing group	Total T3 Reagent Wedge	-
	Total T3 Adjustors	-
14.5 Environmental hazards	Total T3 Reagent Wedge	No.
	Total T3 Adjustors	No.
Additional information	Total T3 Reagent Wedge	-
	Total T3 Adjustors	-

IATA

14.1 UN number	Total T3 Reagent Wedge	Not regulated.
	Total T3 Adjustors	Not regulated.
14.2 UN proper shipping name	Total T3 Reagent Wedge	-
	Total T3 Adjustors	-

SECTION 14: Transport information

14.3 Transport hazard class(es)	Total T3 Reagent Wedge	-
	Total T3 Adjustors	-
14.4 Packing group	Total T3 Reagent Wedge	-
	Total T3 Adjustors	-
14.5 Environmental hazards	Total T3 Reagent Wedge	No.
	Total T3 Adjustors	No.
Additional information	Total T3 Reagent Wedge	-
	Total T3 Adjustors	-

14.6 Special precautions for user : Total T3 Reagent Wedge

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.

Total T3 Adjustors

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.

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 :	Total T3 Reagent Wedge	Not applicable.
	Total T3 Adjustors	Not applicable.

Seveso Directive

This product is not controlled under the Seveso Directive.

SECTION 15: Regulatory information

EU regulations

Industrial emissions (integrated pollution prevention and control) - Air	: Total T3 Reagent Wedge Total T3 Adjustors	Not listed Not listed
Industrial emissions (integrated pollution prevention and control) - Water	: Total T3 Reagent Wedge Total T3 Adjustors	Not listed 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.

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

Not classified.

Full text of abbreviated H statements

Not applicable.

Full text of classifications

Not applicable.

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Notice to reader

SECTION 16: Other information

To the best of our knowledge, the information contained herein is accurate. However, neither the above-named supplier, nor any of its subsidiaries, assumes any liability whatsoever for the accuracy or completeness of the information contained herein.
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.