

according to Regulation UK SI 2019/758 and UK SI 2020/1577 as amended

Creation Date 10-Nov-2010

Revision Date 21-Sep-2023

**Revision Number** 7

#### SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

#### 1.1. Product identifier

| Product Description: |
|----------------------|
| Cat No. :            |
| Synonyms             |
| CAS No               |
| EC No                |
| Molecular Formula    |

Allyl mercaptan, 70%, remainder mainly sulfide 153710000; 153711000; 153710250 2-Propene-1-thiol 870-23-5 212-792-7 C3 H6 S

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

| Recommended Use      | Laboratory chemicals.    |
|----------------------|--------------------------|
| Uses advised against | No Information available |

#### 1.3. Details of the supplier of the safety data sheet

Company

**UK entity/business name** Fisher Scientific UK Bishop Meadow Road, Loughborough, Leicestershire LE11 5RG, United Kingdom

#### EU entity/business name Thermo Fisher Scientific

Janssen Pharmaceuticalaan 3a, 2440 Geel, Belgium

E-mail address

begel.sdsdesk@thermofisher.com

1.4. Emergency telephone number

For information **US** call: 001-800-227-6701 / **Europe** call: +32 14 57 52 11 Emergency Number **US**:001-201-796-7100 / **Europe**: +32 14 57 52 99 **CHEMTREC** Tel. No. **US**:001-800-424-9300 / **Europe**:001-703-527-3887

#### **SECTION 2: HAZARDS IDENTIFICATION**

#### 2.1. Classification of the substance or mixture

CLP Classification - According to GB-CLP Regulations UK SI 2019/720 and UK SI 2020/1567

**Physical hazards** 

Flammable liquids

Category 2 (H225)

Health hazards

#### Allyl mercaptan, 70%, remainder mainly sulfide

Acute oral toxicity Acute dermal toxicity Acute Inhalation Toxicity - Dusts and Mists Skin Corrosion/Irritation Serious Eye Damage/Eye Irritation Specific target organ toxicity - (single exposure)

#### Environmental hazards

Based on available data, the classification criteria are not met

Full text of Hazard Statements: see section 16

#### 2.2. Label elements



Signal Word

Danger

#### **Hazard Statements**

H225 - Highly flammable liquid and vapor

- H315 Causes skin irritation
- H319 Causes serious eye irritation
- H335 May cause respiratory irritation
- H302 + H312 + H332 Harmful if swallowed, in contact with skin or if inhaled

#### **Precautionary Statements**

P280 - Wear protective gloves/protective clothing/eye protection/face protection

- P302 + P352 IF ON SKIN: Wash with plenty of soap and water
- P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking
- P261 Avoid breathing dust/fume/gas/mist/vapors/spray
- P301 + P312 IF SWÅLLOWED: Čall a POISON CENTER or doctor/physician if you feel unwell

P304 + P340 - IF INHALED: Remove person to fresh air and keep comfortable for breathing

P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing

#### 2.3. Other hazards

Stench

This product does not contain any known or suspected endocrine disruptors

#### **SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS**

#### 3.1. Substances

| Component         | CAS No   | EC No             | Weight % | CLP Classification - According to<br>GB-CLP Regulations UK SI 2019/720 and<br>UK SI 2020/1567 |
|-------------------|----------|-------------------|----------|---|
| 2-Propene-1-thiol | 870-23-5 | EEC No. 212-792-7 | 70       | Flam. Liq. 2 (H225)   |

Category 4 (H302) Category 4 (H312) Category 4 (H332) Category 2 (H315) Category 2 (H319) Category 3 (H335)

#### Allyl mercaptan, 70%, remainder mainly sulfide

#### Revision Date 21-Sep-2023

|   | A suite Tour 4 (11200) |
|---|------------------------|
|   | Acute Tox. 4 (H302)    |
|   | Acute Tox. 4 (H312)    |
|   | Acute Tox. 4 (H332)    |
|   | Skin Irrit. 2 (H315)   |
|   | Eye Irrit. 2 (H319)    |
|   | STOT SE 3 (H335)       |
|   |                        |
| - |                        |

#### Full text of Hazard Statements: see section 16

#### **SECTION 4: FIRST AID MEASURES**

#### 4.1. Description of first aid measures

| Eye Contact  | Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Get medical attention.                                  |  |
|--|--|--|
| Skin Contact   | Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes. Get medical attention.                     |  |
| Ingestion  | Clean mouth with water. Get medical attention.   |  |
| Inhalation   | Remove from exposure, lie down. Remove to fresh air. If not breathing, give artificial respiration. Get medical attention.                       |  |
| Self-Protection of the First Aider                               | Ensure that medical personnel are aware of the material(s) involved, take precautions to protect themselves and prevent spread of contamination. |  |
| 4.2. Most important symptoms and effects, both acute and delayed |  |  |
|  | Difficulty in breathing. Inhalation of high vapor concentrations may cause symptoms like headache, dizziness, tiredness, nausea and vomiting     |  |

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

Notes to Physician

Treat symptomatically.

#### **SECTION 5: FIREFIGHTING MEASURES**

#### 5.1. Extinguishing media

#### Suitable Extinguishing Media

Water spray. Carbon dioxide (CO<sub>2</sub>). Dry chemical. Chemical foam. Water mist may be used to cool closed containers.

## Extinguishing media which must not be used for safety reasons No information available.

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

Flammable. Containers may explode when heated. Vapors may form explosive mixtures with air. Vapors may travel to source of ignition and flash back.

#### **Hazardous Combustion Products**

Carbon monoxide (CO), Carbon dioxide (CO<sub>2</sub>), Sulfur oxides, Sulfides.

#### 5.3. Advice for firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

#### **SECTION 6: ACCIDENTAL RELEASE MEASURES**

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

Remove all sources of ignition. Take precautionary measures against static discharges.

#### 6.2. Environmental precautions

See Section 12 for additional Ecological Information.

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

Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust). Keep in suitable, closed containers for disposal. Remove all sources of ignition. Use spark-proof tools and explosion-proof equipment. Do not let this chemical enter the environment.

#### 6.4. Reference to other sections

Refer to protective measures listed in Sections 8 and 13.

#### **SECTION 7: HANDLING AND STORAGE**

#### 7.1. Precautions for safe handling

Avoid contact with skin and eyes. Do not breathe mist/vapors/spray. Avoid contact with skin and clothing. Do not ingest. If swallowed then seek immediate medical assistance. Keep away from heat/sparks/open flames/hot surfaces. - No smoking. Use spark-proof tools and explosion-proof equipment. Use only non-sparking tools. Empty containers retain product residue, (liquid and/or vapor), and can be dangerous. Keep away from open flames, hot surfaces and sources of ignition. To avoid ignition of vapors by static electricity discharge, all metal parts of the equipment must be grounded. Take precautionary measures against static discharges.

#### Hygiene Measures

Handle in accordance with good industrial hygiene and safety practice. Keep away from food, drink and animal feeding stuffs. Do not eat, drink or smoke when using this product. Remove and wash contaminated clothing and gloves, including the inside, before re-use. Wash hands before breaks and after work.

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

Keep container tightly closed. Keep away from heat, sparks and flame. Refrigerator/flammables.

Technical Rules for Hazardous Substances (TRGS) 510 Class 3 Storage Class (LGK) (Germany)

#### 7.3. Specific end use(s)

Use in laboratories

#### **SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION**

#### 8.1. Control parameters

ACR15371

Allyl mercaptan, 70%, remainder mainly sulfide

#### **Exposure limits**

This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies

#### **Biological limit values**

This product, as supplied, does not contain any hazardous materials with biological limits established by the region specific regulatory bodies

Derived No Effect Level (DNEL) / Derived Minimum Effect Level (DMEL)

No information available

#### Predicted No Effect Concentration (PNEC)

No information available.

#### 8.2. Exposure controls

#### **Engineering Measures**

Use explosion-proof electrical/ventilating/lighting equipment. Ensure that eyewash stations and safety showers are close to the workstation location. Ensure adequate ventilation, especially in confined areas.

Wherever possible, engineering control measures such as the isolation or enclosure of the process, the introduction of process or equipment changes to minimise release or contact, and the use of properly designed ventilation systems, should be adopted to control hazardous materials at source

#### Personal protective equipment

| Eye Protection  | Goggles (European standard - EN 166)                      |                      |                       |   |
|---|---|----------------------|-----------------------|---|
| Hand Protection   | Protectiv   | ve gloves            |                       |   |
| <b>Glove material</b><br>Nitrile rubber<br>Neoprene<br>Natural rubber | Breakthrough time<br>See manufacturers<br>recommendations | Glove thickness<br>- | EU standard<br>EN 374 | Glove comments<br>(minimum requirement) |

Inspect gloves before use.

Skin and body protection

PVC

Please observe the instructions regarding permeability and breakthrough time which are provided by the supplier of the gloves. (Refer to manufacturer/supplier for information)

Ensure gloves are suitable for the task: Chemical compatability, Dexterity, Operational conditions, User susceptibility, e.g. sensitisation effects, also take into consideration the specific local conditions under which the product is used, such as the danger of cuts, abrasion.

Wear appropriate protective gloves and clothing to prevent skin exposure.

Remove gloves with care avoiding skin contamination.

| Respiratory Protection    | When workers are facing concentrations above the exposure limit they must use appropriate certified respirators. To protect the wearer, respiratory protective equipment must be the correct fit and be used and maintained properly            |
|---------------------------|---|
| Large scale/emergency use | Use a NIOSH/MSHA or European Standard EN 136 approved respirator if exposure limits are exceeded or if irritation or other symptoms are experienced <b>Recommended Filter type:</b> Organic gases and vapours filter Type A Brown conforming to |

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|                                 | EN14207   |
|---------------------------------|---|
|                                 | EN14387   |
| Small scale/Laboratory use      | Use a NIOSH/MSHA or European Standard EN 149:2001 approved respirator if exposure limits are exceeded or if irritation or other symptoms are experienced.<br><b>Recommended half mask:-</b> Valve filtering: EN405; or; Half mask: EN140; plus filter, EN 141<br>When RPE is used a face piece Fit Test should be conducted |
| Environmental exposure controls | No information available.   |

### **SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**

#### 9.1. Information on basic physical and chemical properties

| Physical State  | Liquid   |   |
|---|--|---|
| Appearance<br>Odor<br>Odor Threshold<br>Melting Point/Range<br>Softening Point<br>Boiling Point/Range<br>Flammability (liquid)<br>Flammability (solid,gas)<br>Explosion Limits      | Light yellow<br>Stench<br>No data available<br>No data available<br>07 - 68 °C / 152.6 - 154.4 °F<br>Highly flammable<br>Not applicable<br>No data available | @ 760 mmHg<br>On basis of test data<br>Liquid |
| Flash Point<br>Autoignition Temperature<br>Decomposition Temperature<br>pH<br>Viscosity<br>Water Solubility<br>Solubility in other solvents<br>Partition Coefficient (n-octanol/wat | •  | Method - No information available             |
| Vapor Pressure<br>Density / Specific Gravity<br>Bulk Density<br>Vapor Density<br>Particle characteristics<br>9.2. Other information   | No data available<br>0.930<br>Not applicable<br>2.56<br>Not applicable (liquid)  | Liquid<br>(Air = 1.0)                         |

C3 H6 S 74.13 Vapors may form explosive mixtures with air

## **SECTION 10: STABILITY AND REACTIVITY**

| 10.1. Reactivity                         | None known, based on information available |  |
|--|--|--|
| 10.2. Chemical stability                 | Stable under normal conditions.            |  |
| 10.3. Possibility of hazardous reactions |  |  |
| Hazardous Polymerization                 | Hazardous polymerization does not occur.   |  |

**Molecular Formula** 

Molecular Weight

**Explosive Properties** 

#### SAFETY DATA SHEET Allyl mercaptan, 70%, remainder mainly sulfide

| Hazardous Reactions          | No information available.  |
|------------------------------|--|
| 10.4. Conditions to avoid    | Keep away from open flames, hot surfaces and sources of ignition. Incompatible products. |
| 10.5. Incompatible materials | Strong oxidizing agents. Strong bases. Metals.   |

10.6. Hazardous decomposition products

Carbon monoxide (CO). Carbon dioxide (CO<sub>2</sub>). Sulfur oxides. Sulfides.

#### **SECTION 11: TOXICOLOGICAL INFORMATION**

11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

**Product Information** 

| (a) acute toxicity; |            |
|---------------------|------------|
| Oral                | Category 4 |
| Dermal              | Category 4 |
| Inhalation          | Category 4 |

Toxicology data for the components

| (b) skin corrosion/irritation;                                | Category 2   |
|---|--|
| (c) serious eye damage/irritation;                            | Category 2   |
| (d) respiratory or skin sensitization;<br>Respiratory<br>Skin | No data available<br>No data available   |
| (e) germ cell mutagenicity;                                   | No data available  |
| (f) carcinogenicity;  | No data available  |
|   | There are no known carcinogenic chemicals in this product                            |
| (g) reproductive toxicity;                                    | No data available  |
| (h) STOT-single exposure;                                     | Category 3   |
| Results / Target organs                                       | Respiratory system.  |
| (i) STOT-repeated exposure;                                   | No data available  |
| Target Organs   | No information available.  |
| (j) aspiration hazard;  | No data available  |
| Other Adverse Effects   | The toxicological properties have not been fully investigated.                       |
| Symptoms / effects,both acute and                             | Inhalation of high vapor concentrations may cause symptoms like headache, dizziness, |

#### SAFETY DATA SHEET Allyl mercaptan, 70%, remainder mainly sulfide

| delayed   | tiredness, nausea and vomiting.  |
|---|--|
| 11.2. Information on other hazards  |  |
| Endocrine Disrupting Properties   | Assess endocrine disrupting properties for human health. This product does not contain any known or suspected endocrine disruptors.  |
| SE  | ECTION 12: ECOLOGICAL INFORMATION  |
| <u>12.1. Toxicity</u><br>Ecotoxicity effects  | Do not empty into drains   |
| <u>12.2. Persistence and degradability</u><br>Persistence                                       | Persistence is unlikely, based on information available.   |
| 12.3. Bioaccumulative potential   | Bioaccumulation is unlikely  |
| <u>12.4. Mobility in soil</u>   | The product contains volatile organic compounds (VOC) which will evaporate easily from all surfaces Will likely be mobile in the environment due to its volatility. Disperses rapidly in air |
| <u>12.5. Results of PBT and vPvB</u><br>assessment  | No data available for assessment.  |
| <u>12.6. Endocrine disrupting</u><br>properties<br>Endocrine Disruptor Information              | This product does not contain any known or suspected endocrine disruptors  |
| <u>12.7. Other adverse effects</u><br>Persistent Organic Pollutant<br>Ozone Depletion Potential | This product does not contain any known or suspected substance<br>This product does not contain any known or suspected substance   |

## **SECTION 13: DISPOSAL CONSIDERATIONS**

| 13.1. Waste treatment methods          |  |
|--|--|
| Waste from Residues/Unused<br>Products | Waste is classified as hazardous. Dispose of in accordance with the European Directives on waste and hazardous waste. Dispose of in accordance with local regulations.   |
| Contaminated Packaging                 | Dispose of this container to hazardous or special waste collection point. Empty containers retain product residue, (liquid and/or vapor), and can be dangerous. Keep product and empty container away from heat and sources of ignition. |
| European Waste Catalogue (EWC)         | According to the European Waste Catalog, Waste Codes are not product specific, but application specific.   |
| Other Information                      | Waste codes should be assigned by the user based on the application for which the product was used. Do not flush to sewer. Can be landfilled or incinerated, when in compliance with local regulations.                                  |

#### **SECTION 14: TRANSPORT INFORMATION**

#### IMDG/IMO

| <u>14.1. UN number</u><br><u>14.2. UN proper shipping name</u><br><u>14.3. Transport hazard class(es)</u><br>Subsidiary Hazard Class<br><u>14.4. Packing group</u> | UN1228<br>MERCAPTANS, LIQUID, FLAMMABLE, TOXIC, N.O.S.<br>3<br>6.1<br>II  |
|--|---|
| ADR  |   |
| <u>14.1. UN number</u><br><u>14.2. UN proper shipping name</u><br><u>14.3. Transport hazard class(es)</u><br>Subsidiary Hazard Class<br><u>14.4. Packing group</u> | UN1228<br>MERCAPTANS, LIQUID, FLAMMABLE, TOXIC, N.O.S.<br>3<br>6.1<br>II  |
| IATA   |   |
| <u>14.1. UN number</u><br><u>14.2. UN proper shipping name</u><br><u>14.3. Transport hazard class(es)</u><br>Subsidiary Hazard Class<br><u>14.4. Packing group</u> | UN1228<br>MERCAPTANS, LIQUID, FLAMMABLE, TOXIC, N.O.S.*<br>3<br>6.1<br>II |
| 14.5. Environmental hazards  | No hazards identified   |
| 14.6. Special precautions for user   | No special precautions required.  |
| <u>14.7. Maritime transport in bulk</u><br>according to IMO instruments  | Not applicable, packaged goods  |

## **SECTION 15: REGULATORY INFORMATION**

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

#### International Inventories

Europe (EINECS/ELINCS/NLP), China (IECSC), Taiwan (TCSI), Korea (KECL), Japan (ENCS), Japan (ISHL), Canada (DSL/NDSL), Australia (AICS), New Zealand (NZIoC), Philippines (PICCS). US EPA (TSCA) - Toxic Substances Control Act, (40 CFR Part 710)

| Component         | CAS No   | EINECS    | ELINCS  | NLP                            | IECSC | TCSI | KECL     | ENCS  | ISHL  |
|-------------------|----------|-----------|---------|--------------------------------|-------|------|----------|-------|-------|
| 2-Propene-1-thiol | 870-23-5 | 212-792-7 | -       | -                              | Х     | Х    | KE-29439 | -     | Х     |
|                   |          |           |         |                                |       |      |          |       |       |
| Component         | CAS No   | TSCA      | notific | ventory<br>ation -<br>Inactive | DSL   | NDSL | AICS     | NZIoC | PICCS |
| 2-Propene-1-thiol | 870-23-5 | Х         | ACT     | IVE                            | Х     | -    | Х        | Х     | Х     |

Legend: X - Listed '-' - Not Listed KECL - NIER number or KE number (http://ncis.nier.go.kr/en/main.do)

#### Authorisation/Restrictions according to EU REACH

Not applicable

#### Allyl mercaptan, 70%, remainder mainly sulfide

| Component         |          | REACH (1907/2006) -<br>Annex XIV - Substances<br>Subject to Authorization |            | Candidate List of                         |
|-------------------|----------|---|------------|---|
|                   |          |   | Substances | Substances of Very High<br>Concern (SVHC) |
| 2-Propene-1-thiol | 870-23-5 | -   | -          | -   |

#### Seveso III Directive (2012/18/EC)

| Component         | CAS No   | Seveso III Directive (2012/18/EC) -<br>Qualifying Quantities for Major Accident |                |  |
|-------------------|----------|---|----------------|--|
|                   |          | Notification  | Requirements   |  |
| 2-Propene-1-thiol | 870-23-5 | Not applicable  | Not applicable |  |

## Regulation (EC) No 649/2012 of the European Parliament and of the Council of 4 July 2012 concerning the export and import of dangerous chemicals

Not applicable

#### Contains component(s) that meet a 'definition' of per & poly fluoroalkyl substance (PFAS)? Not applicable

Take note of Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work .

#### **National Regulations**

UK - Take note of Control of Substances Hazardous to Health Regulations (COSHH) 2002 and 2005 Amendment

#### WGK Classification

Water endangering class = 3 (self classification)

| Component         | Germany - Water Classification (AwSV) | Germany - TA-Luft Class |
|-------------------|---------------------------------------|-------------------------|
| 2-Propene-1-thiol | WGK3                                  |                         |

#### 15.2. Chemical safety assessment

Chemical Safety Assessment/Reports (CSA/CSR) are not required for mixtures

#### **SECTION 16: OTHER INFORMATION**

#### Full text of H-Statements referred to under sections 2 and 3

H225 - Highly flammable liquid and vapor

#### H302 - Harmful if swallowed

H312 - Harmful in contact with skin

- H315 Causes skin irritation
- H319 Causes serious eye irritation
- H332 Harmful if inhaled

H335 - May cause respiratory irritation

Legend

#### Allyl mercaptan, 70%, remainder mainly sulfide

| CAS - Chemical Abstracts Service   | <b>TSCA</b> - United States Toxic Substances Control Act Section 8(b)<br>Inventory |
|--|--|
| EINECS/ELINCS - European Inventory of Existing Commercial Chemical           | I DSL/NDSL - Canadian Domestic Substances List/Non-Domestic                        |
| Substances/EU List of Notified Chemical Substances                           | Substances List  |
| <b>PICCS</b> - Philippines Inventory of Chemicals and Chemical Substances    | ENCS - Japanese Existing and New Chemical Substances                               |
| IECSC - Chinese Inventory of Existing Chemical Substances                    | AICS - Australian Inventory of Chemical Substances                                 |
| <b>KECL</b> - Korean Existing and Evaluated Chemical Substances              | NZIOC - New Zealand Inventory of Chemicals   |
| WEL - Workplace Exposure Limit   | TWA - Time Weighted Average  |
| ACGIH - American Conference of Governmental Industrial Hygienists            | IARC - International Agency for Research on Cancer                                 |
| DNEL - Derived No Effect Level   | Predicted No Effect Concentration (PNEC)   |
| RPE - Respiratory Protective Equipment                                       | LD50 - Lethal Dose 50%   |
| LC50 - Lethal Concentration 50%  | EC50 - Effective Concentration 50%   |
| NOEC - No Observed Effect Concentration                                      | POW - Partition coefficient Octanol:Water  |
| <b>PBT</b> - Persistent, Bioaccumulative, Toxic                              | vPvB - very Persistent, very Bioaccumulative                                       |
| ADR - European Agreement Concerning the International Carriage of            | ICAO/IATA - International Civil Aviation Organization/International Air            |
| Dangerous Goods by Road  | Transport Association  |
| <b>IMO/IMDG</b> - International Maritime Organization/International Maritime | <b>MARPOL</b> - International Convention for the Prevention of Pollution from      |
| Dangerous Goods Code   | Ships  |
| <b>OECD</b> - Organisation for Economic Co-operation and Development         | ATE - Acute Toxicity Estimate  |
| BCF - Bioconcentration factor  | VOC - (Volatile Organic Compound)  |
| Key literature references and sources for data                               |  |
| https://echa.europa.eu/information-on-chemicals                              |  |
| Suppliers safety data sheet, Chemadvisor - LOLI, Merck index, R              | RTECS  |
| Classification and procedure used to derive the classificatio                | n for mixtures according to Regulation (EC) 1272/2008 [CLP]:                       |

# Classification and procedure used to derive the classification for mixtures according to Regulation (EC) 1272/2008 [CLP]:Physical hazardsOn basis of test dataHealth HazardsCalculation methodEnvironmental hazardsCalculation method

#### Training Advice

Chemical hazard awareness training, incorporating labelling, Safety Data Sheets (SDS), Personal Protective Equipment (PPE) and hygiene.

Use of personal protective equipment, covering appropriate selection, compatibility, breakthrough thresholds, care, maintenance, fit and standards.

First aid for chemical exposure, including the use of eye wash and safety showers.

| Creation Date    | 10-Nov-2010     |
|------------------|-----------------|
| Revision Date    | 21-Sep-2023     |
| Revision Summary | Not applicable. |

# This safety data sheet complies with Regulation UK SI 2019/758 and UK SI 2020/1577 as amended.

#### Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text

## End of Safety Data Sheet