

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

Creation Date 06-May-2003

Revision Date 29-Sep-2023

**Revision Number** 8

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

### 1.1. Product identifier

| Product Description: | 2-Ethylhexyl methacrylate, stabilized      |  |  |  |
|----------------------|--|--|--|--|
| Cat No. :            | 371170000; 371170010; 371170050; 371170250 |  |  |  |
| Index No             | 607-134-00-4                               |  |  |  |
| CAS No               | 688-84-6                                   |  |  |  |
| EC No                | 211-708-6                                  |  |  |  |
| Molecular Formula    | C12 H22 O2                                 |  |  |  |

### 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**

Based on available data, the classification criteria are not met

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### Health hazards

Skin Corrosion/Irritation Serious Eye Damage/Eye Irritation Skin Sensitization Specific target organ toxicity - (single exposure)

### **Environmental hazards**

Chronic aquatic toxicity

Category 2 (H315) Category 2 (H319) Category 1 (H317) Category 3 (H335)

Category 3 (H412)

Full text of Hazard Statements: see section 16

2.2. Label elements



Signal Word

Warning

#### **Hazard Statements**

- H315 Causes skin irritation
- H317 May cause an allergic skin reaction

H319 - Causes serious eye irritation

H335 - May cause respiratory irritation

H412 - Harmful to aquatic life with long lasting effects

Combustible liquid

### **Precautionary Statements**

P302 + P352 - IF ON SKIN: Wash with plenty of soap and water

P333 + P313 - If skin irritation or rash occurs: Get medical advice/attention

P337 + P313 - If eye irritation persists: Get medical advice/attention

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

P312 - Call a POISON CENTER or doctor if you feel unwell

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

P332 + P313 - If skin irritation occurs: Get medical advice/attention

### 2.3. Other hazards

Substance is not considered persistent, bioaccumulative and toxic (PBT) / very persistent and very bioaccumulative (vPvB)

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 |
|-----------|--------------|----------|---|
|-----------|--------------|----------|---|

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| 2-Ethylhexyl methacrylate 688-84-6 EEC 1 | o. 211-708-6 >95 | Skin Irrit. 2 (H315)<br>Skin Sens. 1 (H317)<br>Eye Irrit. 2 (H319)<br>STOT SE 3 (H335)<br>Aquatic Chronic 3 (H412) |
|--|------------------|--|
|--|------------------|--|

| Component                 | Specific concentration limits<br>(SCL's) | M-Factor | Component notes |
|---------------------------|--|----------|-----------------|
| 2-Ethylhexyl methacrylate | STOT SE 3 (H335) :: C>=10%               | -        | -               |

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

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

### 4.1. Description of first aid measures

| General Advice                     | If symptoms persist, call a physician.   |
|------------------------------------|--|
| 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 plenty of water for at least 15 minutes. If skin irritation persists, call a physician.                                |
| Ingestion                          | Clean mouth with water and drink afterwards plenty of water.   |
| Inhalation                         | Remove to fresh air. If not breathing, give artificial respiration. Get medical attention if symptoms occur.                                     |
| 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  |

None reasonably foreseeable. May cause allergic skin reaction. Symptoms of allergic reaction may include rash, itching, swelling, trouble breathing, tingling of the hands and feet, dizziness, lightheadedness, chest pain, muscle pain or flushing: Symptoms of overexposure may be 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

Combustible material. Containers may explode when heated.

### **Hazardous Combustion Products**

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

### 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

Ensure adequate ventilation. Use personal protective equipment as required. Remove all sources of ignition. Take precautionary measures against static discharges.

### 6.2. Environmental precautions

Should not be released into the environment. Do not flush into surface water or sanitary sewer system.

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

Keep in suitable, closed containers for disposal. Soak up with inert absorbent material. Remove all sources of ignition.

#### 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

Wear personal protective equipment/face protection. Ensure adequate ventilation. Do not get in eyes, on skin, or on clothing. Avoid ingestion and inhalation. Keep away from open flames, hot surfaces and sources of ignition.

#### **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 containers tightly closed in a dry, cool and well-ventilated place. Keep away from heat, sparks and flame.

Technical Rules for Hazardous Substances (TRGS) 510 Class 10 Storage Class (LGK) (Germany)

### 7.3. Specific end use(s)

Use in laboratories

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

### 8.1. Control parameters

ACR37117

### **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)

See table for values

| Component                                     | Acute effects local | Acute effects     | Chronic effects local | Chronic effects      |
|---|---------------------|-------------------|-----------------------|----------------------|
|   | (Dermal)            | systemic (Dermal) | (Dermal)              | systemic (Dermal)    |
| 2-Ethylhexyl methacrylate<br>688-84-6 ( >95 ) |                     |                   |                       | DNEL = 5mg/kg bw/day |

| Component                                     | Acute effects local<br>(Inhalation) | Acute effects<br>systemic (Inhalation) | Chronic effects local<br>(Inhalation) | Chronic effects systemic (Inhalation) |
|---|-------------------------------------|--|---------------------------------------|---------------------------------------|
| 2-Ethylhexyl methacrylate<br>688-84-6 ( >95 ) |                                     |  |                                       | DNEL = 2.5mg/m <sup>3</sup>           |

### Predicted No Effect Concentration (PNEC)

See values below.

| Component                 | Fresh water | Fresh water      | Water Intermittent | Microorganisms in | Soil (Agriculture) |
|---------------------------|-------------|------------------|--------------------|-------------------|--------------------|
|                           |             | sediment         |                    | sewage treatment  |                    |
| 2-Ethylhexyl methacrylate | PNEC =      | PNEC = 2.24mg/kg | PNEC =             | PNEC = 10mg/L     | PNEC =             |
| 688-84-6 (>95)            | 0.00348mg/L | sediment dw      | 0.0218mg/L         | -                 | 0.446mg/kg soil dw |

| Component                 | Marine water | Marine water<br>sediment | Marine water<br>intermittent | Food chain | Air |
|---------------------------|--------------|--------------------------|------------------------------|------------|-----|
| 2-Ethylhexyl methacrylate | PNEC =       | PNEC =                   |                              |            |     |
| 688-84-6 (>95)            | 0.000348mg/L | 0.224mg/kg               |                              |            |     |
|                           |              | sediment dw              |                              |            |     |

### 8.2. Exposure controls

### Engineering Measures

Ensure adequate ventilation, especially in confined areas. Ensure that eyewash stations and safety showers are close to the workstation location.

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 Protective gloves

| Nitrile rubber Se | eakthrough time<br>ee manufacturers<br>ecommendations | Glove thickness<br>- | EU standard<br>EN 374 | Glove comments<br>(minimum requirement) |
|-------------------|---|----------------------|-----------------------|---|
|-------------------|---|----------------------|-----------------------|---|

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### Skin and body protection Long sleeved clothing.

Inspect gloves before use.

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.

Remove gloves with care avoiding skin contamination.

| Respiratory Protection          | When workers are facing concentrations above the exposure limit they must use appropriate certified respirators.<br>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> Particulates filter conforming to EN 143   |
| 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. <b>Recommended half mask:-</b> Particle filtering: EN149:2001 When RPE is used a face piece Fit Test should be conducted |
| Environmental exposure controls | Prevent product from entering drains.  |

### **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)                                      | Off-white<br>Ester-like<br>No data available<br>-50 °C / -58 °F<br>No data available<br>120 °C / 248 °F<br>Combustible liquid   | On basis of test data<br>Liguid          |
| Explosion Limits  | Not applicable<br>No data available   | Liquia                                   |
| 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/wa<br>Component | 92 °C / 197.6 °F<br>250 °C / 482 °F<br>No data available<br>No information available<br>Not applicable<br>0.0031 g/L<br>No information available<br>atter)<br>log Pow<br>4.95 | <b>Method -</b> No information available |
| 2-Ethylhexyl methacrylate<br>Vapor Pressure<br>Density / Specific Gravity<br>Bulk Density<br>Vapor Density<br>Particle characteristics  | 4.95<br>0.049 mmHg (20°C)<br>0.884<br>Not applicable<br>Not applicable<br>Not applicable (liquid)   | Liquid<br>(Air = 1.0)                    |

9.2. Other information

2-Ethylhexyl methacrylate, stabilized

Molecular Formula Molecular Weight Explosive Properties Evaporation Rate C12 H22 O2 198.31 explosive air/vapour mixtures possible No information available

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

| 10.1. Reactivity                                | None known, based on information available   |
|---|--|
| 10.2. Chemical stability                        | Light sensitive. heat sensitive.   |
| 10.3. Possibility of hazardous reacti           | ons_   |
| Hazardous Polymerization<br>Hazardous Reactions | No information available.<br>None under normal processing.   |
| 10.4. Conditions to avoid                       | Excess heat. Incompatible products. Exposure to light. Keep away from open flames, hot surfaces and sources of ignition. |
| 10.5. Incompatible materials                    | Strong oxidizing agents.   |

### 10.6. Hazardous decomposition products

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

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

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

| Product Information                                 | No acute toxicity information is available for this product  |             |                 |  |  |
|---|--|-------------|-----------------|--|--|
| (a) acute toxicity;<br>Oral<br>Dermal<br>Inhalation | Based on available data, the classification criteria are not met<br>No data available<br>No data available |             |                 |  |  |
| Component   | LD50 Oral  | LD50 Dermal | LC50 Inhalation |  |  |
| 2-Ethylhexyl methacrylate                           | LD50 = 16.465 mg/kg (Rat)  |             |                 |  |  |

| (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>Category 1<br>No information available |
| (e) germ cell mutagenicity;                                   | No data available   |

| 2-Ethylhexyl methacrylate, stabilize      | d Revision Date 29-Sep-2023   |
|---|---|
|   | Not mutagenic in AMES Test  |
| (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;                    | Not applicable<br>Solid   |
| Other Adverse Effects                     | The toxicological properties have not been fully investigated.  |
| Symptoms / effects,both acute and delayed | Symptoms of allergic reaction may include rash, itching, swelling, trouble breathing, tingling of the hands and feet, dizziness, lightheadedness, chest pain, muscle pain or flushing. Symptoms of overexposure may be headache, dizziness, 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  | CTION 12: ECOLOGICAL INFORMATION  |
|   |   |

### 12.1. Toxicity **Ecotoxicity effects**

Do not empty into drains. Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment. The product contains following substances which are hazardous for the environment.

| Component                 | Freshwater Fish   | Water Flea | Freshwater Algae |
|---------------------------|---|------------|------------------|
| 2-Ethylhexyl methacrylate | LC50: = 2.78 mg/L, 96h<br>semi-static (Oryzias latipes) |            |                  |

### 12.2. Persistence and degradability Persistence

May persist.

Contains substances known to be hazardous to the environment or not degradable in waste water treatment plants.

### 12.3. Bioaccumulative potential

Degradation in sewage

treatment plant

Product has a high potential to bioconcentrate

| Component                 | log Pow | Bioconcentration factor (BCF) |
|---------------------------|---------|-------------------------------|
| 2-Ethylhexyl methacrylate | 4.95    | 37 dimensionless              |

| 2-Ethylhexyl methacrylate, stabilize  | Revision Date 29-Sep-2023   |  |  |  |  |
|---|---|--|--|--|--|
| 12.4. Mobility in soil  | Spillage unlikely to penetrate soil The product is insoluble and sinks in water Is not likely mobile in the environment due its low water solubility. Is not likely mobile in the environment due its low water solubility and propensity to bind to soil particles |  |  |  |  |
| <u>12.5. Results of PBT and vPvB</u><br>assessment  | Substance is not considered persistent, bioaccumulative and toxic (PBT) / very persistent and very bioaccumulative (vPvB).  |  |  |  |  |
| <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  |  |  |  |  |
| SE  | CTION 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.  |
| 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 empty into drains. Do not flush to sewer. Do not let this chemical enter the environment. |

## **SECTION 14: TRANSPORT INFORMATION**

IMDG/IMO

Not regulated

14.1. UN number 14.2. UN proper shipping name 14.3. Transport hazard class(es) 14.4. Packing group

ADR

Not regulated

14.1. UN number 14.2. UN proper shipping name 14.3. Transport hazard class(es) 14.4. Packing group

IATA

Not regulated

14.1. UN number 14.2. UN proper shipping name 14.3. Transport hazard class(es) 14.4. Packing group

14.5. Environmental hazards No hazards identified

14.6. Special precautions for user No special precautions required.

14.7. Maritime transport in bulk 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-Ethylhexyl methacrylate | 688-84-6 | 211-708-6 | -                              | -   | Х     | Х    | KE-25009 | Х     | Х     |
|                           |          |           |                                |     |       |      |          |       |       |
| Component                 | CAS No   | TSCA      | TSCA In<br>notific<br>Active-l | •   | DSL   | NDSL | AICS     | NZIoC | PICCS |
| 2-Ethylhexyl methacrylate | 688-84-6 | 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

| Component                 | CAS No   | REACH (1907/2006) -<br>Annex XIV - Substances<br>Subject to Authorization |  | REACH Regulation (EC<br>1907/2006) article 59 -<br>Candidate List of<br>Substances of Very High<br>Concern (SVHC) |
|---------------------------|----------|---|--|---|
| 2-Ethylhexyl methacrylate | 688-84-6 | -   | Use restricted. See item<br>75.<br>(see link for restriction<br>details) | -   |

#### **REACH links**

https://echa.europa.eu/substances-restricted-under-reach

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

| Component                 | CAS No   | Seveso III Directive (2012/18/EC) -      | Seveso III Directive (2012/18/EC) -     |
|---------------------------|----------|--|---|
|                           |          | Qualifying Quantities for Major Accident | Qualifying Quantities for Safety Report |
|                           |          | Notification                             | Requirements                            |
| 2-Ethylhexyl methacrylate | 688-84-6 | 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

See table for values

| Component                 | Germany - Water Classification (AwSV) | Germany - TA-Luft Class |
|---------------------------|---------------------------------------|-------------------------|
| 2-Ethylhexyl methacrylate | WGK1                                  |                         |

| Component                 | France - INRS (Tables of occupational diseases)      |
|---------------------------|--|
| 2-Ethylhexyl methacrylate | Tableaux des maladies professionnelles (TMP) - RG 65 |

### 15.2. Chemical safety assessment

A Chemical Safety Assessment/Report (CSA/CSR) has not been conducted

| <b>SECTION 16: OTHER</b> | <b>R</b> INFORMATION |
|--------------------------|----------------------|
|--------------------------|----------------------|

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

H315 - Causes skin irritation

H317 - May cause an allergic skin reaction

H319 - Causes serious eye irritation

H335 - May cause respiratory irritation

H412 - Harmful to aquatic life with long lasting effects

### Legend

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

### 2-Ethylhexyl methacrylate, stabilized

### **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    | 06-May-2003     |
|------------------|-----------------|
| Revision Date    | 29-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