# SAFETY DATA SHEET

This safety data sheet was created pursuant to the requirements of: The REACH etc. (Amendment etc.) (EU Exit) Regulations 2020 and The Chemicals (Health and Safety) and Genetically Modified Organisms (Contained Use) (Amendment etc.) (EU Exit) Regulations 2019 No. 720

**Revision date** 10-Nov-2025 **Revision Number** 1

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

### 1.1. Product identifier

**Product Name** Gyproc Fire Coating

**Synonyms** None

**Pure substance/mixture** Mixture

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

**Recommended use** Industrial use

**Uses advised against** For professional use only

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

**Supplier**
British Gypsum
East Leake
Loughborough
Leicestershire
LE12 6HX
UK
T: +44 (0) 115 945 6123

**For further information, please contact**
**E-mail address** bg.technical@saint-gobain.com

### 1.4. Emergency telephone number

**Emergency telephone** + 44 (0) 115 945 6123
8:30am - 5:00pm Monday - Friday (GMT)

## SECTION 2: Hazards identification

### 2.1. Classification of the substance or mixture

***GB CLP (SI 2020/1567 as amended)***

Not classified

### 2.2. Label elements

No label elements required

**Hazard statements**
Not classified.
EUH210 - Safety data sheet available on request

### 2.3. Other hazards

**Other hazards** Harmful to aquatic life.

**PBT or vPvB properties** No information available.

## SECTION 3: Composition/information on ingredients

### 3.1 Substances

Not applicable

### 3.2 Mixtures

| Chemical name | Weight-% | EC No. (Index No.) | UK REACH registration number | Classification according to GB CLP (SI 2020/1567 as amended) | Specific concentration limit (SCL) | M-Factor | M-Factor (long-term) | Notes |
|---|---|---|---|---|---|---|---|---|
| Ethylene glycol 107-21-1 | <1 | 203-473-3 (603-027-00-1) | - | Acute Tox. 4 (H302) | - | - | - | - |
| 3-Iodo-2-propynyl butylcarbamate 55406-53-6 | <0.1 | 259-627-5 (616-212-00-7) | - | Acute Tox. 4 (H302)<br>Skin Sens. 1 (H317)<br>Eye Dam. 1 (H318)<br>Acute Tox. 3 (H331)<br>STOT RE 1 (H372)<br>Aquatic Acute 1 (H400)<br>Aquatic Chronic 1 (H410) | - | 10 | 1 | - |

**Full text of H- and EUH-phrases: see section 16**

***Acute Toxicity Estimate***
In the absence of LD50/LC50 data, the conversion value (converted acute toxicity point estimate) may be indicated here; please note that these values do not represent test results

| Chemical name | Oral LD50 mg/kg | Dermal LD50 mg/kg | Inhalation LC50 - 4 hour - dust/mist - mg/L | Inhalation LC50 - 4 hour - vapour - mg/L | Inhalation LC50 - 4 hour - gas - ppm |
|---|---|---|---|---|---|
| Ethylene glycol 107-21-1 | 4700 | 10600 | 3.7538 | No data available | No data available |
| 3-Iodo-2-propynyl butylcarbamate 55406-53-6 | 1470 | 2002 | No data available | No data available | No data available |

This product does not contain candidate substances of very high concern at a concentration >= 0.1% (UK REACH Article 59)

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

**General advice** Get medical attention if irritation or other symptoms occur. Show this safety data sheet to the doctor in attendance.

**Inhalation** Remove person to fresh air and keep comfortable for breathing.

**Eye contact** Remove contact lenses, if present and easy to do. Continue rinsing. Seek immediate

medical attention/advice.

**Skin contact** Wash with soap and water. Get medical attention if irritation develops and persists.

**Ingestion** Rinse mouth thoroughly with water. Get medical attention if symptoms occur. Do not induce vomiting without medical advice. Never give anything by mouth to an unconscious person.

**Self-protection of the first aider** Wear personal protective clothing (see section 8). Avoid contact with skin, eyes or clothing.

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

**Symptoms** None known.

**Effects of Exposure** None known.

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

**Note to doctors** Treat symptomatically.

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

**Suitable Extinguishing Media** Dry chemical, CO2, alcohol-resistant foam or water spray. Use extinguishing agent suitable for type of surrounding fire.

**Unsuitable extinguishing media** Full water jet.

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

**Specific hazards arising from the chemical** No information available.

**Hazardous combustion products** Metal oxides.

### 5.3. Advice for firefighters

**Special protective equipment and precautions for fire-fighters** Firefighters should wear self-contained breathing apparatus and full firefighting turnout gear. Use personal protective equipment.

## SECTION 6: Accidental release measures

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

**Personal precautions** Ensure adequate ventilation.

**For emergency responders** Use personal protection recommended in Section 8.

### 6.2. Environmental precautions

**Environmental precautions** Avoid release to the environment. Local authorities should be advised if significant spillages cannot be contained.

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

**Methods for containment** Prevent further leakage or spillage if safe to do so.

**Methods for cleaning up** Pick up and transfer to properly labelled containers.

**Prevention of secondary hazards** Clean contaminated objects and areas thoroughly observing environmental regulations.

**6.4. Reference to other sections**

**Reference to other sections** See section 8 for more information. See section 13 for more information.

## SECTION 7: Handling and storage

**7.1. Precautions for safe handling**

**Advice on safe handling** Handle in accordance with good industrial hygiene and safety practice.

**General hygiene considerations** Do not eat, drink or smoke when using this product. Wash hands before breaks and after work.

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

**Storage Conditions** Keep containers tightly closed in a dry, cool and well-ventilated place.

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

**Specific use(s)** The identified uses for this product are detailed in Section 1.2.

**Risk Management Methods (RMM)** The information required is contained in this Safety Data Sheet.

## SECTION 8: Exposure controls/personal protection

**8.1. Control parameters**

**Exposure Limits**

| Chemical name | United Kingdom |
|---|---|
| Ethylene glycol<br>107-21-1 | TWA: 10 mg/m³; particulate<br>TWA: 20 ppm; vapour<br>TWA: 52 mg/m³; vapour<br>STEL: 40 ppm; vapour<br>STEL: 104 mg/m³; vapour<br>STEL: 30 mg/m³; particulate<br>pSk |

Note See section 16 for terms and abbreviations

**Biological occupational exposure limits** 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) - Workers**

| Chemical name | Oral | Dermal | Inhalation |
|---|---|---|---|
| Ethylene glycol<br>107-21-1 | | 106 mg/kg bw/day [4] [6] | 35 mg/m³ [5] [6] |
| 3-Iodo-2-propynyl butylcarbamate<br>55406-53-6 | | 2 mg/kg bw/day [4] [6] | 0.023 mg/m³ [4] [6]<br>0.07 mg/m³ [4] [7]<br>1.16 mg/m³ [5] [6]<br>1.16 mg/m³ [5] [7] |

**Notes**

**[4]** Systemic health effects.
**[5]** Local health effects.
**[6]** Long term.

**[7]** Short term.

**Derived No Effect Level (DNEL) - General Public**

| Chemical name | Oral | Dermal | Inhalation |
|---|---|---|---|
| Ethylene glycol<br>107-21-1 | | | 7 mg/m³ [5] [6] |

**Notes**
**[4]** Systemic health effects.
**[5]** Local health effects.
**[6]** Long term.

**Predicted No Effect Concentration (PNEC)**

| Chemical name | Freshwater | Freshwater (intermittent release) | Marine water | Marine water (intermittent release) | Air |
|---|---|---|---|---|---|
| 3-Iodo-2-propynyl butylcarbamate<br>55406-53-6 | 0.0005 mg/L | 0.00053 mg/L | 0.000046 mg/L | 0.00053 mg/L | |

| Chemical name | Freshwater sediment | Marine sediment | Sewage treatment | Soil | Food chain |
|---|---|---|---|---|---|
| 3-Iodo-2-propynyl butylcarbamate<br>55406-53-6 | 0.017 mg/kg sediment dw | 0.0016 mg/kg sediment dw | 0.44 mg/L | 0.005 mg/kg soil dw | |

### 8.2. Exposure controls

**Engineering controls** Showers
Eyewash stations
Ventilation systems.

**Personal protective equipment**
**Eye/face protection** Eye protection must conform to standard EN 166.

**Hand protection** Gloves must conform to standard EN 374.

| Gloves | | | |
|---|---|---|---|
| Break through time | Duration of contact | PPE - Glove material | Glove thickness |
| >30 minutes | | | |
| | | | |

**Skin and body protection** No special protective equipment required.

**Respiratory protection** No protective equipment is needed under normal use conditions. If exposure limits are exceeded or irritation is experienced, ventilation and evacuation may be required.

## SECTION 9: Physical and chemical properties

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

**Appearance** Liquid
**Physical state** No information available

| | |
|---|---|
| **Colour** | Varies |
| **Odour** | Characteristic |
| **Odour threshold** | No information available |

| Property | Values | Remarks • Method |
|---|---|---|
| **pH** | 8.0 | No data available |
| **pH (as aqueous solution)** | | No data available |
| **Melting point / freezing point** | | No data available |
| **Initial boiling point and boiling range** | 100 °C | No data available |
| **Flash point** | | No data available |
| **Evaporation rate** | | No data available |
| **Flammability** | | No data available |
| **Flammability Limit in Air** | | |
| **Upper flammability or explosive limits** | | No data available |
| **Lower flammability or explosive limits** | | No data available |
| **Vapour pressure** | | No data available |
| **Relative vapour density** | | No data available |
| **Relative density** | | No data available |
| **Bulk density** | | No data available |
| **Liquid Density** | 1.35 g/cm³ | @ 20 °C |
| **Solubility(ies)** | Soluble | No data available |
| **Water solubility** | | No data available |
| **Partition coefficient** | | No data available |
| **Autoignition temperature** | | No data available |
| **Decomposition temperature** | > 200 °C | No data available |
| **SADT (°C)** | | No data available |
| **Kinematic viscosity** | 14000 | @ 20 °C |
| **Dynamic viscosity** | | No data available |
| **Particle characteristics** | | |
| **Particle Size** | | No data available |
| **Particle Size Distribution** | | No data available |

**9.2. Other information**

| | |
|---|---|
| **Molecular weight** | No information available |
| **VOC content** | 3 g/L |
| **Softening point** | No information available |

**Information with regards to physical hazard classes**

| | |
|---|---|
| **Explosives** | |
| **Explosive properties** | No information available. |
| **Oxidising properties** | No information available. |

## SECTION 10: Stability and reactivity

**10.1. Reactivity**

**Reactivity** No information available.

**10.2. Chemical stability**

**Stability** Stable under normal conditions.

**Explosion data**

**Sensitivity to mechanical impact** None.

**Sensitivity to static discharge** None.

**10.3. Possibility of hazardous reactions**

**Possibility of hazardous reactions** None under normal processing.

**10.4. Conditions to avoid**

**Conditions to avoid** None known based on information supplied.

**10.5. Incompatible materials**

**Incompatible materials** Strong oxidising agents, strong acids, and strong bases, Strong reducing agents.

**10.6. Hazardous decomposition products**

**Hazardous decomposition products** None under normal use conditions.

## SECTION 11: Toxicological information

**11.1. Information on toxicological effects**

**Information on likely routes of exposure**

**Product Information** .

**Inhalation** Specific test data for the substance or mixture is not available.

**Eye contact** Specific test data for the substance or mixture is not available.

**Skin contact** Specific test data for the substance or mixture is not available.

**Ingestion** Specific test data for the substance or mixture is not available.

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

**Symptoms** None known.

**Acute toxicity** Based on available data, the classification criteria are not met.

**Numerical measures of toxicity**

**Component Information**

| Chemical name | Oral LD50 | Dermal LD50 | Inhalation LC50 |
|---|---|---|---|
| Ethylene glycol | = 4700 mg/kg ( Rat ) | = 10600 mg/kg ( Rat ) | > 2.5 mg/L ( Rat ) 6 h |
| 3-Iodo-2-propynyl butylcarbamate | = 1470 mg/kg ( Rat ) | > 2000 mg/kg ( Rat ) | = 0.23 mg/L ( Rat ) 4 h |

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

**Skin corrosion/irritation** Based on available data, the classification criteria are not met.

**Serious eye damage/eye irritation** Based on available data, the classification criteria are not met.

**Respiratory or skin sensitisation** Based on available data, the classification criteria are not met.

**Germ cell mutagenicity** Based on available data, the classification criteria are not met.

**Carcinogenicity** Based on available data, the classification criteria are not met.

**Reproductive toxicity** Based on available data, the classification criteria are not met.

**STOT - single exposure** Based on available data, the classification criteria are not met.

**STOT - repeated exposure** Based on available data, the classification criteria are not met.

**Aspiration hazard** Based on available data, the classification criteria are not met.

**Other adverse effects** No information available.

## SECTION 12: Ecological information

**12.1. Toxicity** Harmful to aquatic life.

| Chemical name | Fish | Crustacea | Algae/aquatic plants | Toxicity to microorganisms |
|---|---|---|---|---|
| Ethylene glycol | LC50: =41000mg/L (96h, Oncorhynchus mykiss)<br>LC50: 14 - 18mL/L (96h, Oncorhynchus mykiss)<br>LC50: =27540mg/L (96h, Lepomis macrochirus)<br>LC50: =40761mg/L (96h, Oncorhynchus mykiss)<br>LC50: 40000 - 60000mg/L (96h, Pimephales promelas)<br>LC50: =16000mg/L (96h, Poecilia reticulata) | EC50: =46300mg/L (48h, Daphnia magna) | EC50: 6500 - 13000mg/L (96h, Pseudokirchneriella subcapitata) | - |
| 3-Iodo-2-propynyl butylcarbamate | LC50: 0.14 - 0.32mg/L (96h, Lepomis macrochirus)<br>LC50: 0.049 - 0.079mg/L (96h, Oncorhynchus mykiss)<br>LC50: 0.05 - 0.089mg/L (96h, Oncorhynchus mykiss)<br>LC50: 0.18 - 0.23mg/L (96h, Pimephales promelas) | - | - | - |

| Chemical name | Earthworm | Avian | Honeybees |
|---|---|---|---|
| 3-Iodo-2-propynyl butylcarbamate | - | Acute Oral Toxicity: LD50 = 749 mg/kg (Colinus virginianus) | - |

**12.2. Persistence and degradability** No information available.

**12.3. Bioaccumulative potential**

| Chemical name | Partition coefficient | Bioconcentration factor (BCF) | Trophic magnification factor (TMF) |
|---|---|---|---|
| Ethylene glycol | -1.36 | - | - |
| 3-Iodo-2-propynyl butylcarbamate | 2.88 | - | - |

**12.4. Mobility in soil** No information available.

**12.5. Results of PBT and vPvB assessment** No information available.

| Chemical name | PBT and vPvB assessment |
|---|---|
| Ethylene glycol | Not PBT/vPvB |
| 3-Iodo-2-propynyl butylcarbamate | Not PBT/vPvB |

**12.6. Other adverse effects** No information available.

## SECTION 13: Disposal considerations

**13.1. Waste treatment methods**

**Waste from residues/unused products** Dispose of in accordance with local regulations. Dispose of waste in accordance with environmental legislation.

**Contaminated packaging** Do not reuse empty containers.

## SECTION 14: Transport information

**IATA** Not regulated
**14.1 UN number or ID number** Not regulated
**14.2**
**14.3 Transport hazard class(es)** Not regulated
**14.4 Packing group** Not regulated
**14.5 Environmental hazards** Not applicable
**14.6 Special precautions for user Special Provisions** None

**IMDG** Not regulated
**14.1 UN number or ID number** Not regulated
**14.2**
**14.3 Transport hazard class(es)** Not regulated
**14.4 Packing group** Not regulated
**14.5 Environmental hazards** Not applicable
**14.6 Special precautions for user Special Provisions** None
**14.7 Maritime transport in bulk according to IMO instruments** No information available

**RID** Not regulated

| | |
|---|---|
| **14.1 UN number or ID number** | Not regulated |
| **14.2 UN proper shipping name** | Not regulated |
| **14.3 Transport hazard class(es)** | Not regulated |
| **14.4 Packing group** | Not applicable |
| **14.5 Environmental hazards** | Not applicable |
| **14.6 Special precautions for user** | |
| **Special Provisions** | None |

| | |
|---|---|
| **ADR** | Not regulated |
| **14.1 UN number or ID number** | Not regulated |
| **14.2 UN proper shipping name** | Not regulated |
| **14.3 Transport hazard class(es)** | Not regulated |
| **14.4 Packing group** | Not applicable |
| **14.5 Environmental hazards** | Not applicable |
| **14.6 Special precautions for user** | |
| **Special Provisions** | None |

## SECTION 15: Regulatory information

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

**Authorisations and/or restrictions on use:**
This product does not contain substances subject to authorisation (UK REACH - Annex XIV). This product does not contain substances subject to restriction (UK REACH - Annex XVII).

**Persistent Organic Pollutants**
Not applicable

**Export Notification requirements**
Not applicable

**Named dangerous substances per COMAH (SI 2015/483 as amended)**
Not applicable

**The Ozone-Depleting Substances Regulations 2015**
Not applicable

**The Biocidal Products Regulations 2001 (as amended)**

| Chemical name | The Biocidal Products Regulations 2001 (as amended) |
|---|---|
| 3-Iodo-2-propynyl butylcarbamate<br>55406-53-6 | Product-type 6: Preservatives for products during storage Product-type 7: Film preservatives Product-type 8: Wood preservatives Product-type 9: Fibre, leather, rubber and polymerised materials preservatives Product-type 10: Construction material preservatives Product-type 13: Working or cutting fluid preservatives |

**The Water Environment (Water Framework Directive) (England and Wales) Regulations 2017 (as amended)**
Not applicable

**Poisons and Explosives Precursor per Poisons Act 1972**
Not applicable.

**International Inventories**
Contact supplier for inventory compliance status

**15.2. Chemical safety assessment**

| | |
|---|---|
| **Chemical Safety Report** | Chemical safety assessments for substances in this mixture were not carried out |

## SECTION 16: Other information

**Full text of any hazard and/or precautionary statements referred to under Sections 2-15**
H302 - Harmful if swallowed
H314 - Causes severe skin burns and eye damage
H317 - May cause an allergic skin reaction
H318 - Causes serious eye damage
H331 - Toxic if inhaled
H372 - Causes damage to organs through prolonged or repeated exposure
H400 - Very toxic to aquatic life
H410 - Very toxic to aquatic life with long lasting effects

**Key or legend to abbreviations and acronyms used in the safety data sheet**
*List may include phrases which are not applicable to this product*

| | |
|---|---|
| ACGIH | American Conference of Governmental Industrial Hygienists |
| ADN | Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways (Europe) |
| ADR | Agreement concerning the International Carriage of Dangerous Goods by Road (Europe) |
| AIIC | Australian Inventory of Industrial Chemicals |
| ATE | Acute Toxicity Estimate |
| ASTM | American Society for the Testing of Materials |
| bar | Biological Reference Values for Chemical Compounds in the Work Area |
| BAT | Biological tolerance values for occupational exposure |
| BEL | Biological exposure limits |
| bw | Body weight |
| Ceiling | Maximum limit value |
| CLP | Classification, Labelling and Packaging Regulation; Regulation (EC) No 1272/2008 |
| CMR | Carcinogen, Mutagen or Reproductive Toxicant |
| DOT | Department of Transportation (United States) |
| DSL | Domestic Substances List (Canada) |
| EC Number | European Community number |
| EmS | Emergency Schedule |
| ENCS | Existing and New Chemical Substances (Japan) |
| EPA | U.S. Environmental Protection Agency |
| GHS | Globally Harmonized System |
| IARC | International Agency for Research on Cancer |
| IATA | International Air Transport Association |
| IBC | International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk |
| ICAO | International Civil Aviation Organisation |
| IECSC | Inventory of Existing Chemical Substances in China |
| IMDG | International Maritime Dangerous Goods |
| IMO | International Maritime Organization |
| ISO | International Organisation for Standardisation |
| KECI | Korean Existing Chemicals Inventory |
| LC50 | Lethal Concentration to 50% of a test population |
| LD50 | Lethal Dose to 50% of a test population (Median Lethal Dose) |
| MARPOL | International Convention for the Prevention of Pollution from Ships |
| n.o.s. | Not Otherwise Specified |
| NOAEC | No Observed Adverse Effect Concentration |
| NOAEL | No Observed Adverse Effect Level |
| NOELR | No Observable Effect Loading Rate |
| NZIoC | New Zealand Inventory of Chemicals |
| OECD | Organization for Economic Cooperation and Development |
| OEL | Occupational exposure limits |
| PBT | Persistent, Bioaccumulative and Toxic substance |

| | |
|---|---|
| PICCS | Philippines Inventory of Chemicals and Chemical Substances |
| PMT | Persistent, Mobile and Toxic |
| PPE | Personal protective equipment |
| QSAR | Quantitative Structure Activity Relationship |
| REACH | Registration, Evaluation, Authorisation, and Restriction of Chemicals (REACH) Regulation (EC 1907/2006) |
| RID | Agreement concerning the International Carriage of Dangerous Goods by Rail (Europe) |
| SADT | Self-Accelerating Decomposition Temperature |
| SAR | Structure-activity relationship |
| SDS | Safety Data Sheet |
| SL | Surface Limit |
| STEL | Short Term Exposure Limit |
| STOT RE | Specific target organ toxicity - Repeated exposure |
| STOT SE | Specific target organ toxicity - Single exposure |
| SVHC | Substance of very high concern |
| TCSI | Taiwan Chemical Substance Inventory |
| TDG | Transport of Dangerous Goods (Canada) |
| TSCA | Toxic Substances Control Act (United States) |
| TWA | Time-Weighted Average |
| UN | United Nations |
| VOC | Volatile organic compounds |
| vPvB | Very Persistent and Very Bioaccumulative |
| vPvM | Very Persistent and Very Mobile |
| As | Allergenic substance |
| DS | Dermal Sensitizer |
| Ot | Ototoxicant |
| pOt | Ototoxicant - potential to cause hearing disorders |
| PS | Photosensitiser |
| RS | Respiratory Sensitiser |
| S | Sensitiser |
| poS | Sensitizer - capable of causing occupational asthma |
| Sa | Simple asphyxiant |
| Sd | Skin designation |
| pSd | Skin designation - potential for cutaneous absorption |
| Sdv | Skin designation - vacated |
| Sk | Skin notation |
| dSk | Skin notation - danger of cutaneous absorption |
| pSk | Skin notation - potential for cutaneous absorption |

| Classification procedure | |
|---|---|
| Classification according to Regulation (EC) No. 1272/2008 [CLP] | Method Used |
| Acute oral toxicity | Calculation method |
| Acute dermal toxicity | Calculation method |
| Acute inhalation toxicity - gas | Calculation method |
| Acute inhalation toxicity - vapour | Calculation method |
| Acute inhalation toxicity - dust/mist | Calculation method |
| Skin corrosion/irritation | Calculation method |
| Serious eye damage/eye irritation | Calculation method |
| Respiratory sensitisation | Calculation method |
| Skin sensitisation | Calculation method |
| Mutagenicity | Calculation method |
| Carcinogenicity | Calculation method |
| Reproductive toxicity | Calculation method |
| STOT - single exposure | Calculation method |
| STOT - repeated exposure | Calculation method |
| Chronic aquatic toxicity | Calculation method |

| | |
|---|---|
| Acute aquatic toxicity | Calculation method |
| Aspiration hazard | Calculation method |
| Ozone | Calculation method |

**Key literature references and sources for data used to compile the SDS**
U.S. Agency for Toxic Substances and Disease Registry (ATSDR)
U.S. Environmental Protection Agency ChemView Database
European Food Safety Authority (EFSA)
European Chemicals Agency (ECHA) Committee for Risk Assessment (ECHA_RAC)
European Chemicals Agency (ECHA) (ECHA_API)
U.S. Environmental Protection Agency
Acute Exposure Guideline Level(s) (AEGL(s))
U.S. Environmental Protection Agency Federal Insecticide, Fungicide, and Rodenticide Act
U.S. Environmental Protection Agency High Production Volume Chemicals
Food Research Journal
Hazardous Substance Database
International Uniform Chemical Information Database (IUCLID)
Japan National Institute of Technology and Evaluation (NITE)
Australian National Industrial Chemicals Notification and Assessment Scheme (NICNAS)
NIOSH (National Institute for Occupational Safety and Health)
National Library of Medicine's ChemID Plus (NLM CIP)
National Library of Medicine’s PubMed database (NLM PUBMED)
U.S. National Toxicology Program (NTP)
New Zealand's Chemical Classification and Information Database (CCID)
International Organization for Economic Co-operation and Development (OECD) Environment, Health, and Safety Publications
International Organization for Economic Co-operation and Development (OECD) High Production Volume Chemicals Program
International Organization for Economic Co-operation and Development (OECD) Screening Information Data Set
United Nations World Health Organization (WHO)

**Issuing Date** 10-Nov-2025

**Revision date** 10-Nov-2025

**Revision Note** Initial Release

**This SDS complies with the requirements of UK REACH Regulations SI 2019/758 (as amended)**

**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**

**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**