

## Jotun Facade 1406 (B001)

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

#### 1.1 Product identifier

**Product name** : Jotun Facade 1406 (B001)  
**Product code** : 37282  
**Product type** : Powder coating.  
**Other means of identification** : Not available.

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

Use in coatings - Industrial use

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

JOTUN CZECH a.s.  
NA ROVNEM 866  
400 04 TRMICE  
CZECH REPUBLIC

Phone : + 420 477 828 969  
Fax.: + 420 477 828 962  
sdspowder@jotun.com

#### 1.4 Emergency telephone number

Contact NHS Direct; phone 0845 4647 or 111. Open 24/7.

### SECTION 2: Hazards identification

#### 2.1 Classification of the substance or mixture

**Product definition** : Mixture

#### Classification according to Regulation (EC) No. 1272/2008 [CLP/GHS]

Acute Tox. 4, H302  
Eye Dam. 1, H318  
Skin Sens. 1, H317  
Muta. 1B, H340  
Aquatic Chronic 2, H411

The product is classified as hazardous according to Regulation (EC) 1272/2008 as amended.  
See Section 11 for more detailed information on health effects and symptoms.

#### 2.2 Label elements

**Hazard pictograms** :



**Signal word** : Danger.

**Jotun Facade 1406 (B001)**

**SECTION 2: Hazards identification**

- Hazard statements** : H302 - Harmful if swallowed.  
H318 - Causes serious eye damage.  
H317 - May cause an allergic skin reaction.  
H340 - May cause genetic defects.  
H411 - Toxic to aquatic life with long lasting effects.
- Precautionary statements**
- General** : Not applicable.
- Prevention** : P201 - Obtain special instructions before use.  
P280 - Wear protective gloves. Wear eye or face protection. Wear protective clothing.  
P273 - Avoid release to the environment.
- Response** : P391 - Collect spillage.  
P333 + P313 - If skin irritation or rash occurs: Get medical attention.  
P305 + P351 + P338 + P310 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or physician.
- Storage** : P405 - Store locked up.
- Disposal** : P501 - Dispose of contents and container in accordance with all local, regional, national and international regulations.
- Hazardous ingredients** : 1,3,5-tris(oxiranylmethyl)-1,3,5-triazine-2,4,6(1h,3h,5h)-trione  
zinc di(benzothiazol-2-yl) disulphide  
N,N,N,N-tetrakis(4,6-bis(butyl-(N-methyl-2,2,6,6-tetramethylpiperidin-4-yl)amino)triazin-2-yl)-4,7-diazadecane-1,10-diamine
- Supplemental label elements** : Not applicable.
- Annex XVII - Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles** : Restricted to professional users.
- Special packaging requirements**
- Containers to be fitted with child-resistant fastenings** : Not applicable.
- Tactile warning of danger** : Not applicable.

**2.3 Other hazards**

- Other hazards which do not result in classification** : None known.

**SECTION 3: Composition/information on ingredients**

**3.2 Mixtures** : Mixture

| Product/ingredient name  | Identifiers  | Weight %  | Regulation (EC) No. 1272/2008 [CLP]  | Type    |
|--|--|-----------|--|---------|
| barium sulfate   | EC: 231-784-4<br>CAS: 7727-43-7  | ≥10 - ≤25 | Not classified.  | [2]     |
| 1,3,5-tris(oxiranylmethyl)-1,3,5-triazine-2,4,6(1h,3h,5h)-trione | REACH #:<br>01-2119449817-25<br>EC: 219-514-3<br>CAS: 2451-62-9<br>Index: 615-021-00-6 | <10       | Acute Tox. 3, H301<br>Acute Tox. 3, H331<br>Eye Dam. 1, H318<br>Skin Sens. 1, H317<br>Muta. 1B, H340<br>STOT RE 2, H373<br>Aquatic Chronic 3, H412 | [1] [2] |
| zinc di(benzothiazol-2-yl) disulphide                            | EC: 205-840-3<br>CAS: 155-04-4   | ≤5        | Skin Sens. 1, H317<br>Aquatic Acute 1, H400 (M=1)  | [1]     |

**Jotun Facade 1406 (B001)****SECTION 3: Composition/information on ingredients**

|   |  |    |  |     |
|---|--|----|--|-----|
| titanium dioxide  | REACH #:<br>01-2119489379-17<br>EC: 236-675-5<br>CAS: 13463-67-7 | ≤3 | Aquatic Chronic 1, H410 (M=1)<br>Not classified.   | [2] |
| N,N,N,N-tetrakis(4,6-bis(butyl-(N-methyl-2,2,6,6-tetramethylpiperidin-4-yl)amino)triazin-2-yl)-4,7-diazadecane-1,10-diamine | EC: 401-990-0<br>CAS: 106990-43-6                                | <1 | Skin Sens. 1, H317<br>STOT RE 2, H373 (lymphatic system)<br>Aquatic Chronic 2, H411<br><b>See Section 16 for the full text of the H statements declared above.</b> | [1] |

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment, are PBTs, vPvBs or Substances of equivalent concern, or have been assigned a workplace exposure limit and hence require reporting in this section.

Type

- [1] Substance classified with a health or environmental hazard  
 [2] Substance with a workplace exposure limit  
 [3] Substance meets the criteria for PBT according to Regulation (EC) No. 1907/2006, Annex XIII  
 [4] Substance meets the criteria for vPvB according to Regulation (EC) No. 1907/2006, Annex XIII  
 [5] Substance of equivalent concern  
 [6] Additional disclosure due to company policy

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

**SECTION 4: First aid measures****4.1 Description of first aid measures**

- General** : In all cases of doubt, or when symptoms persist, seek medical attention. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and seek medical advice.
- Eye contact** : Check for and remove any contact lenses. Immediately flush eyes with running water for at least 15 minutes, keeping eyelids open. Seek immediate medical attention.
- Inhalation** : Remove to fresh air. Keep person warm and at rest. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel.
- Skin contact** : Remove contaminated clothing and shoes. Wash skin thoroughly with soap and water or use recognised skin cleanser. Do NOT use solvents or thinners.
- Ingestion** : If swallowed, seek medical advice immediately and show the container or label. Keep person warm and at rest. Do NOT induce vomiting.
- Protection of first-aiders** : No action shall be taken involving any personal risk or without suitable training. If it is suspected that fumes are still present, the rescuer should wear an appropriate mask or self-contained breathing apparatus. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Wash contaminated clothing thoroughly with water before removing it, or wear gloves.

**4.2 Most important symptoms and effects, both acute and delayed**Over-exposure signs/symptoms

- Eye contact** : Adverse symptoms may include the following:  
pain  
watering  
redness
- Inhalation** : No specific data.
- Skin contact** : Adverse symptoms may include the following:  
pain or irritation  
redness  
blistering may occur

**Jotun Facade 1406 (B001)**

**SECTION 4: First aid measures**

- Ingestion** : Adverse symptoms may include the following:  
stomach pains
- 4.3 Indication of any immediate medical attention and special treatment needed**
- Notes to physician** : In case of inhalation of decomposition products in a fire, symptoms may be delayed.  
The exposed person may need to be kept under medical surveillance for 48 hours.
- Specific treatments** : No specific treatment.

See toxicological information (Section 11)

**SECTION 5: Firefighting measures**

**5.1 Extinguishing media**

- Suitable extinguishing media** : Recommended: alcohol-resistant foam, CO<sub>2</sub> blanket, water spray or mist.
- Unsuitable extinguishing media** : Do not use water jet.  
Do not use inert gas under high pressure (e.g. CO<sub>2</sub>).

**5.2 Special hazards arising from the substance or mixture**

- Hazards from the substance or mixture** : Fire will produce dense black smoke. Exposure to decomposition products may cause a health hazard.  
  
Fine dust clouds may form explosive mixtures with air.
- Hazardous combustion products** : Decomposition products may include the following materials: carbon monoxide, carbon dioxide, smoke, oxides of nitrogen.

**5.3 Advice for firefighters**

- Special protective actions for fire-fighters** : Cool closed containers exposed to fire with water. Do not release runoff from fire to drains or watercourses.
- Special protective equipment for fire-fighters** : Appropriate breathing apparatus may be required.

**SECTION 6: Accidental release measures**

**6.1 Personal precautions, protective equipment and emergency procedures**

- For non-emergency personnel** : Exclude sources of ignition and ventilate the area. Avoid breathing dust. Refer to protective measures listed in sections 7 and 8.
- 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**

- : Do not allow to enter drains or watercourses. If the product contaminates lakes, rivers, or sewers, inform the appropriate authorities in accordance with local regulations.

**6.3 Methods and material for containment and cleaning up**

- : Contain and collect spillage with an electrically protected vacuum cleaner or by wet-brushing and place in container for disposal according to local regulations (see section 13). Do not use a dry brush as dust clouds or static can be created.

**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.

**Jotun Facade 1406 (B001)**

**SECTION 7: Handling and storage**

The information in this section contains generic advice and guidance. The list of Identified Uses in Section 1 should be consulted for any available use-specific information provided in the Exposure Scenario(s).

**Advice should be taken from a competent occupational health practitioner on the assessment of employees with skin or respiratory complaints before the individual is exposed to the uncured product.**

**7.1 Precautions for safe handling**

- Precautions should be taken to prevent the formation of dusts in concentrations above flammable, explosive or occupational exposure limits.
- Electrical equipment and lighting should be protected to appropriate standards to prevent dust coming into contact with hot surfaces, sparks or other ignition sources.
- Mixture may charge electrostatically: always use earthing leads when transferring from one container to another.
- Operators should wear antistatic footwear and clothing and floors should be of the conducting type.
- Keep away from heat, sparks and flame.
- Avoid contact with skin and eyes. Avoid the inhalation of dust, particulates, spray or mist arising from the application of this mixture. Avoid inhalation of dust from sanding.
- Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed.
- Put on appropriate personal protective equipment (see Section 8).
- Always keep in containers made from the same material as the original one.
- Comply with the health and safety at work laws.
- Do not allow to enter drains or watercourses.

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

- Store in accordance with local regulations.
- Additional information on storage conditions**
- Observe label precautions. Store in a dry, cool and well-ventilated area. Keep away from heat and direct sunlight.
- Keep container tightly closed.
- Keep away from sources of ignition. No smoking. Prevent unauthorised access. Containers that have been opened must be carefully resealed and kept upright to prevent leakage.
- See Technical Data Sheet / packaging for further information.

**7.3 Specific end use(s)**

- Recommendations** : Not available.
- Industrial sector specific solutions** : Not available.

**SECTION 8: Exposure controls/personal protection**

The information in this section contains generic advice and guidance. Information is provided based on typical anticipated uses of the product. Additional measures might be required for bulk handling or other uses that could significantly increase worker exposure or environmental releases.

**8.1 Control parameters**

**Occupational exposure limits**

Dust Limit : 10 mg/m<sup>3</sup> (TWA of total inhalable dust) and 4 mg/m<sup>3</sup> (TWA of respirable)

| Product/ingredient name   | Exposure limit values  |
|---|--|
| barium sulfate  | <b>EH40/2005 WELs (United Kingdom (UK), 8/2018).</b><br>TWA: 10 mg/m <sup>3</sup> 8 hours. Form: inhalable dust<br>TWA: 4 mg/m <sup>3</sup> 8 hours. Form: respirable dust |
| 1,3,5-tris(oxiranylmethyl)-1,3,5-triazine-2,4,6 (1h,3h,5h)-trione | <b>EH40/2005 WELs (United Kingdom (UK), 8/2018).</b><br>TWA: 0.1 mg/m <sup>3</sup> 8 hours.  |
| titanium dioxide  | <b>EH40/2005 WELs (United Kingdom (UK), 8/2018).</b><br>TWA: 10 mg/m <sup>3</sup> 8 hours. Form: inhalable dust<br>TWA: 4 mg/m <sup>3</sup> 8 hours. Form: respirable dust |

## **SECTION 8: Exposure controls/personal protection**

**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 monitoring standards, such as the following: European Standard EN 689 (Workplace atmospheres - Guidance for the assessment of exposure by inhalation to chemical agents for comparison with limit values and measurement strategy) European Standard EN 14042 (Workplace atmospheres - Guide for the application and use of procedures for the assessment of exposure to chemical and biological agents) European Standard EN 482 (Workplace atmospheres - General requirements for the performance of procedures for the measurement of chemical agents) Reference to national guidance documents for methods for the determination of hazardous substances will also be required.

### **DNELs/DMELs**

No DNELs/DMELs available.

### **PNECs**

No PNECs available

## **8.2 Exposure controls**

**Appropriate engineering controls** : Avoid breathing dust. Where reasonably practicable, this should be achieved by the use of local exhaust ventilation and good general extraction. If these are not sufficient to maintain exposure to dusts below the OEL, suitable respiratory protection must be worn.

### **Individual protection measures**

**Hygiene measures** : Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Contaminated work clothing should not be allowed out of the workplace. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.

**Eye/face protection** : Safety eyewear complying to EN 166 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: chemical splash goggles and/or face shield. If inhalation hazards exist, a full-face respirator may be required instead.

### **Skin protection**

**Gloves** : There is no one glove material or combination of materials that will give unlimited resistance to any individual or combination of chemicals. The breakthrough time must be greater than the end use time of the product. The instructions and information provided by the glove manufacturer on use, storage, maintenance and replacement must be followed. Gloves should be replaced regularly and if there is any sign of damage to the glove material. Always ensure that gloves are free from defects and that they are stored and used correctly. The performance or effectiveness of the glove may be reduced by physical/chemical damage and poor maintenance. Barrier creams may help to protect the exposed areas of the skin but should not be applied once exposure has occurred. Wear suitable gloves tested to EN374. Recommended, gloves(breakthrough time) > 8 hours: neoprene, PVC, butyl rubber May be used, gloves(breakthrough time) 4 - 8 hours: polyvinyl alcohol (PVA), nitrile rubber

For right choice of glove materials, with focus on chemical resistance and time of penetration, seek advice by the supplier of chemical resistant gloves.



**Jotun Facade 1406 (B001)**

**SECTION 8: Exposure controls/personal protection**

The user must check that the final choice of type of glove selected for handling this product is the most appropriate and takes into account the particular conditions of use, as included in the user's risk assessment.

- Body protection** : Personnel should wear protective clothing. Care should be taken in the selection of protective clothing to ensure that inflammation and irritation of the skin at the neck and wrists through contact with the powder are avoided.
- 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** : If workers are exposed to concentrations above the exposure limit, they must use a respirator according to EN 140. If dust is generated and ventilation is inadequate, use respirator that will protect against dust/mist. (FFP2 / N95).
- Environmental exposure controls** : Do not allow to enter drains or watercourses.

**SECTION 9: Physical and chemical properties**

**9.1 Information on basic physical and chemical properties**

Appearance

- Physical state** : Solid. Powder.
- Colour** : Various
- Odour** : Odourless.
- Odour threshold** : Not applicable.
- pH** : Not applicable.
- Melting point (dust)** : 85 - 115 °C
- Initial boiling point and boiling range** : Not applicable.
- Flash point** : Not applicable.
- Evaporation rate** : Not applicable.
- Flammability (solid, gas)** : Fine dust clouds may form explosive mixtures with air.
- Lower explosion limit (dust)** : 30 g/m<sup>3</sup> (EN 14034-3)
- Minimum ignition energy (mJ)** : 10 - 30 (EN 13821)
- Vapour pressure** : Not applicable.
- Vapour density** : Not applicable.
- Density** : 1.2 to 1.9 g/cm<sup>3</sup>
- Solubility(ies)** : Insoluble in the following materials: cold water and hot water.
- Partition coefficient: n-octanol/ water** : Not applicable.
- Auto-ignition temperature** : >450°C
- Decomposition temperature** : >230°C
- Viscosity** : Not applicable.

**9.2 Other information**

No additional information.

**SECTION 10: Stability and reactivity**

- 10.1 Reactivity** : Fine dust clouds may form explosive mixtures with air.
- 10.2 Chemical stability** : Stable under recommended storage and handling conditions (see Section 7).
- 10.3 Possibility of hazardous reactions** : Under normal conditions of storage and use, hazardous reactions will not occur.
- 10.4 Conditions to avoid** : Avoid the creation of dust when handling and avoid all possible sources of ignition (spark or flame).

**Jotun Facade 1406 (B001)**

**SECTION 10: Stability and reactivity**

Take precautionary measures against electrostatic discharges.

To avoid fire or explosion, dissipate static electricity during transfer by earthing and bonding containers and equipment before transferring material.

Prevent dust accumulation.

**10.5 Incompatible materials** : Not applicable.

**10.6 Hazardous decomposition products** : Decomposition products may include the following materials: carbon monoxide, carbon dioxide, smoke, oxides of nitrogen.

**SECTION 11: Toxicological information**

**11.1 Information on toxicological effects**

Acute toxicity

| Product/ingredient name  | Result    | Species | Dose      | Exposure |
|--|-----------|---------|-----------|----------|
| 1,3,5-tris(oxiranylmethyl)-1,3,5-triazine-2,4,6(1h,3h,5h)-trione | LD50 Oral | Rat     | 138 mg/kg | -        |
| zinc di(benzothiazol-2-yl)disulphide                             | LD50 Oral | Rat     | 540 mg/kg | -        |

Acute toxicity estimates

| Route                        | ATE value                |
|------------------------------|--------------------------|
| Oral<br>Inhalation (vapours) | 1985 mg/kg<br>59.55 mg/l |

Irritation/Corrosion

| Product/ingredient name  | Result                 | Species                      | Score | Exposure       | Observation |
|--|------------------------|------------------------------|-------|----------------|-------------|
| 1,3,5-tris(oxiranylmethyl)-1,3,5-triazine-2,4,6(1h,3h,5h)-trione | Eyes - Severe irritant | Rabbit                       | -     | 100 milligrams | -           |
|  | Eyes - Irritant        | Mammal - species unspecified | -     | -              | -           |

Sensitisation

| Product/ingredient name   | Route of exposure | Species                      | Result      |
|---|-------------------|------------------------------|-------------|
| 1,3,5-tris(oxiranylmethyl)-1,3,5-triazine-2,4,6(1h,3h,5h)-trione  | skin              | Mammal - species unspecified | Sensitising |
| zinc di(benzothiazol-2-yl)disulphide  | skin              | Mammal - species unspecified | Sensitising |
| N,N,N,N-tetrakis(4,6-bis(butyl-(N-methyl-2,2,6,6-tetramethylpiperidin-4-yl)amino)triazin-2-yl)-4,7-diazadecane-1,10-diamine | skin              | Mammal - species unspecified | Sensitising |

Mutagenicity

May cause genetic defects.

Carcinogenicity

No known significant effects or critical hazards.

Reproductive toxicity

**Developmental effects** : No known significant effects or critical hazards.

**Fertility effects** : No known significant effects or critical hazards.

Specific target organ toxicity (single exposure)

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



**Jotun Facade 1406 (B001)****SECTION 11: Toxicological information****Specific target organ toxicity (repeated exposure)**

| Product/ingredient name   | Category   | Route of exposure | Target organs    |
|---|------------|-------------------|------------------|
| 1,3,5-tris(oxiranylmethyl)-1,3,5-triazine-2,4,6(1h,3h,5h)-trione  | Category 2 | Not determined    | Not determined   |
| N,N,N,N-tetrakis(4,6-bis(butyl-(N-methyl-2,2,6,6-tetramethylpiperidin-4-yl)amino)triazin-2-yl)-4,7-diazadecane-1,10-diamine | Category 2 | Not determined    | lymphatic system |

**Aspiration hazard**

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

**Other information** : None identified.**SECTION 12: Ecological information****12.1 Toxicity**

There are no data available on the mixture itself.

Coating powder residues should not be allowed to enter drains or watercourses or be deposited where they could affect ground or surface waters.

The mixture has been assessed following the summation method of the CLP Regulation (EC) No 1272/2008 and is classified for eco-toxicological properties accordingly. See Sections 2 and 3 for details.

This material is toxic to aquatic life with long lasting effects.

**12.2 Persistence and degradability**

Not available.

**12.3 Bioaccumulative potential**

| Product/ingredient name   | LogP <sub>ow</sub> | BCF | Potential |
|---|--------------------|-----|-----------|
| 1,3,5-tris(oxiranylmethyl)-1,3,5-triazine-2,4,6(1h,3h,5h)-trione  | -0.8               | -   | low       |
| zinc di(benzothiazol-2-yl)disulphide  | 5.02               | <8  | low       |
| N,N,N,N-tetrakis(4,6-bis(butyl-(N-methyl-2,2,6,6-tetramethylpiperidin-4-yl)amino)triazin-2-yl)-4,7-diazadecane-1,10-diamine | -0.94              | -   | low       |

**12.4 Mobility in soil****Soil/water partition coefficient (K<sub>oc</sub>)** : Not available.**Mobility** : Not available.**12.5 Results of PBT and vPvB assessment****PBT** : Not applicable.**vPvB** : Not applicable.**12.6 Other adverse effects** : No known significant effects or critical hazards.

**Jotun Facade 1406 (B001)**

## SECTION 13: Disposal considerations

The information in this section contains generic advice and guidance. The list of Identified Uses in Section 1 should be consulted for any available use-specific information provided in the Exposure Scenario(s).

### 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** : Yes.

**Disposal considerations** : Do not allow to enter drains or watercourses. Dispose of according to all federal, state and local applicable regulations. If this product is mixed with other wastes, the original waste product code may no longer apply and the appropriate code should be assigned. For further information, contact your local waste authority.

**European waste catalogue (EWC)** : 08 01 11\* Waste paint and varnish containing organic solvents or other dangerous substances

#### 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.

**Disposal considerations** : Using information provided in this safety data sheet, advice should be obtained from the relevant waste authority on the classification of empty containers. Empty containers must be scrapped or reconditioned. Dispose of containers contaminated by the product in accordance with local or national legal provisions.

|   |           |   |
|---|-----------|---|
| <b>Type of packaging</b><br>CEPE Paint Guidelines | 15 01 10* | <b>European waste catalogue (EWC)</b><br>packaging containing residues of or contaminated by hazardous substances |
|---|-----------|---|

**Special precautions** : This material and its container must be disposed of in a safe way. Care should be taken when handling emptied containers that have not been cleaned or rinsed out. Empty containers or liners may retain some product residues. Avoid dispersal of spill material and runoff and contact with soil, waterways, drains and sewers.

## SECTION 14: Transport information

|  | ADR/RID   | ADN   | IMDG   | IATA  |
|--|---|---|--|---|
| <b>14.1 UN number</b>                  | UN3077  | UN3077  | UN3077   | UN3077  |
| <b>14.2 UN proper shipping name</b>    | Environmentally hazardous substance, solid, n.o.s. (zinc di (benzothiazol-2-yl) disulphide) | Environmentally hazardous substance, solid, n.o.s. (zinc di (benzothiazol-2-yl) disulphide) | Environmentally hazardous substance, solid, n.o.s. (zinc di (benzothiazol-2-yl) disulphide). Marine pollutant (zinc di (benzothiazol-2-yl) disulphide) | Environmentally hazardous substance, solid, n.o.s. (zinc di (benzothiazol-2-yl) disulphide) |
| <b>14.3 Transport hazard class(es)</b> | 9<br>   | 9<br>   | 9<br>  | 9<br>   |
|  |   |   |  |   |

**Jotun Facade 1406 (B001)**

**SECTION 14: Transport information**

|                                   |      |      |      |      |
|-----------------------------------|------|------|------|------|
| <b>14.4 Packing group</b>         | III  | III  | III  | III  |
| <b>14.5 Environmental hazards</b> | Yes. | Yes. | Yes. | Yes. |

**Additional information**

- ADR/RID** : This product is not regulated as a dangerous good when transported in sizes of ≤5 L or ≤5 kg, provided the packagings meet the general provisions of 4.1.1.1, 4.1.1.2 and 4.1.1.4 to 4.1.1.8.  
**Hazard identification number** 90  
**Tunnel code** (-)
- ADN** : This product is not regulated as a dangerous good when transported in sizes of ≤5 L or ≤5 kg, provided the packagings meet the general provisions of 4.1.1.1, 4.1.1.2 and 4.1.1.4 to 4.1.1.8.
- IMDG** : This product is not regulated as a dangerous good when transported in sizes of ≤5 L or ≤5 kg, provided the packagings meet the general provisions of 4.1.1.1, 4.1.1.2 and 4.1.1.4 to 4.1.1.8.  
**Emergency schedules** F-A, S-F
- IATA** : This product is not regulated as a dangerous good when transported in sizes of ≤5 L or ≤5 kg, provided the packagings meet the general provisions of 5.0.2.4.1, 5.0.2.6.1.1 and 5.0.2.8.

**14.6 Special precautions for user** : **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 Annex II of Marpol and the IBC Code** : Not applicable.

**SECTION 15: Regulatory information**

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

**EU Regulation (EC) No. 1907/2006 (REACH)**

**Annex XIV - List of substances subject to authorisation**

**Annex XIV**

None of the components are listed.

**Substances of very high concern**

| <b>Ingredient name</b>  | <b>Intrinsic property</b> | <b>Status</b> | <b>Reference number</b> | <b>Date of revision</b> |
|---|---------------------------|---------------|-------------------------|-------------------------|
| 1,3,5-Tris(oxiran-2-ylmethyl)-1,3,5-triazinane-2,4,6-trione; TGIC | Mutagen                   | Candidate     | ED/87/2012              | 18.06.2012              |

**Annex XVII - Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles** : Restricted to professional users.

**Other EU regulations**

- VOC** : The provisions of Directive 2004/42/EC on VOC apply to this product. Refer to the product label and/or technical data sheet for further information.
- VOC for Ready-for-Use Mixture** : Not applicable.
- Europe inventory** : Not determined.

**Jotun Facade 1406 (B001)****SECTION 15: Regulatory information****Ozone depleting substances (1005/2009/EU)**

Not listed.

**Prior Informed Consent (PIC) (649/2012/EU)**

Not listed.

**Seveso Directive**

This product may add to the calculation for determining whether a site is within the scope of the Seveso Directive on major accident hazards.

**National regulations****Industrial use**

: The information contained in this safety data sheet does not constitute the user's own assessment of workplace risks, as required by other health and safety legislation. The provisions of the national health and safety at work regulations apply to the use of this product at work.

| Product/ingredient name  | List name                                  | Name on list   | Classification | Notes |
|--|--|--|----------------|-------|
| 1,3,5-tris(oxiranylmethyl)-1,3,5-triazine-2,4,6(1H,3H,5H)-trione | UK Occupational Exposure Limits EH40 - WEL | triglycidyl isocyanurate; 1,3,5-triglycidyl isocyanurate | Carc.          | -     |

**International regulations****Chemical Weapon Convention List Schedules I, II & III Chemicals**

Not listed.

**Montreal Protocol (Annexes A, B, C, E)**

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  
 CLP = Classification, Labelling and Packaging Regulation [Regulation (EC) No. 1272/2008]  
 DMEL = Derived Minimal Effect Level  
 DNEL = Derived No Effect Level  
 EUH statement = CLP-specific Hazard statement  
 PBT = Persistent, Bioaccumulative and Toxic  
 PNEC = Predicted No Effect Concentration  
 RRN = REACH Registration Number  
 vPvB = Very Persistent and Very Bioaccumulative

**Procedure used to derive the classification according to Regulation (EC) No. 1272/2008 [CLP/GHS]**

| Classification          | Justification      |
|-------------------------|--------------------|
| Acute Tox. 4, H302      | Calculation method |
| Eye Dam. 1, H318        | Calculation method |
| Skin Sens. 1, H317      | Calculation method |
| Muta. 1B, H340          | Calculation method |
| Aquatic Chronic 2, H411 | Calculation method |

**Jotun Facade 1406 (B001)**

## SECTION 16: Other information

### Full text of abbreviated H statements

|      |  |
|------|--|
| H301 | Toxic if swallowed.  |
| H302 | Harmful if swallowed.  |
| H317 | May cause an allergic skin reaction.                               |
| H318 | Causes serious eye damage.   |
| H331 | Toxic if inhaled.  |
| H340 | May cause genetic defects.   |
| H373 | May cause damage to organs through prolonged or repeated exposure. |
| H400 | Very toxic to aquatic life.  |
| H410 | Very toxic to aquatic life with long lasting effects.              |
| H411 | Toxic to aquatic life with long lasting effects.                   |
| H412 | Harmful to aquatic life with long lasting effects.                 |

### Full text of classifications [CLP/GHS]

|                         |   |
|-------------------------|---|
| Acute Tox. 3, H301      | ACUTE TOXICITY (oral) - Category 3                              |
| Acute Tox. 3, H331      | ACUTE TOXICITY (inhalation) - Category 3                        |
| Acute Tox. 4, H302      | ACUTE TOXICITY (oral) - Category 4                              |
| Aquatic Acute 1, H400   | SHORT-TERM (ACUTE) AQUATIC HAZARD - Category 1                  |
| Aquatic Chronic 1, H410 | LONG-TERM (CHRONIC) AQUATIC HAZARD - Category 1                 |
| Aquatic Chronic 2, H411 | LONG-TERM (CHRONIC) AQUATIC HAZARD - Category 2                 |
| Aquatic Chronic 3, H412 | LONG-TERM (CHRONIC) AQUATIC HAZARD - Category 3                 |
| Eye Dam. 1, H318        | SERIOUS EYE DAMAGE/EYE IRRITATION - Category 1                  |
| Muta. 1B, H340          | GERM CELL MUTAGENICITY - Category 1B                            |
| Skin Sens. 1, H317      | SKIN SENSITISATION - Category 1                                 |
| STOT RE 2, H373         | SPECIFIC TARGET ORGAN TOXICITY - REPEATED EXPOSURE - Category 2 |

**Date of printing** : 27.03.2020

**Date of issue/ Date of revision** : 27.03.2020

**Date of previous issue** : 24.03.2020

**Version** : 1.01

### Notice to reader

The information in this document is given to the best of Jotun's knowledge, based on laboratory testing and practical experience. Jotun's products are considered as semi-finished goods and as such, products are often used under conditions beyond Jotun's control. Jotun cannot guarantee anything but the quality of the product itself. Minor product variations may be implemented in order to comply with local requirements. Jotun reserves the right to change the given data without further notice.

Users should always consult Jotun for specific guidance on the general suitability of this product for their needs and specific application practices.

If there is any inconsistency between different language issues of this document, the English (United Kingdom) version will prevail.