

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

| 1.1 Product identifier | |
|----------------------------------|--------------------|
| Product name | : Resist 65 Comp B |
| Product code | : 19881 |
| Product description | : Hardener. |
| Product type | : Solid. |
| Other means of identification | : Not available. |

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

Use in coatings - Professional use

1.3 Details of the supplier of the safety data sheet

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National contact

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1.4 Emergency telephone number

Jotun Ibérica S.A. Tel. +34 93 77 11 800 (8.00-17.00)

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]

Aquatic Acute 1, H400 Aquatic Chronic 1, H410

The product is classified as hazardous according to Regulation (EC) 1272/2008 as amended.

See Section 16 for the full text of the H statements declared above.

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

2.2 Label elements

SECTION 2: Hazards identification

| Hazard pictograms | ₹ <u>₹</u> | |
|---|---|----------|
| Signal word | Warning. | |
| Hazard statements | H410 - Very toxic to aquatic life with long lasting effects. | |
| Precautionary statements | | |
| General | Not applicable. | |
| Prevention | P273 - Avoid release to the environment. | |
| Response | P391 - Collect spillage. | |
| Storage | Not applicable. | |
| Disposal | P501 - Dispose of contents and container in accordance with all local, req national and international regulations. | gional, |
| Supplemental label elements | Not applicable. | |
| Annex XVII - Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles | Not applicable. | |
| Special packaging requirem | <u>s</u> | |
| Containers to be fitted with child-resistant fastenings | Not applicable. | |
| Tactile warning of danger | Not applicable. | |
| 2.3 Other hazards | | |
| Product meets the criteria for PBT or vPvB according to Regulation (EC) No. 1907/2006, Annex XIII | This mixture does not contain any substances that are assessed to be a vPvB. | PBT or a |
| Other hazards which do not result in classification | None known. | |

SECTION 3: Composition/information on ingredients

| 3.2 Mixtures | : Mixture | | | | |
|-------------------------|--|-----|---|---|---------|
| Product/ingredient name | Identifiers | % | Classification | Specific Conc. Limits, M-factors and ATEs | Туре |
| zinc | EC: 231-175-3 CAS: 7440-66-6 | ≥90 | Aquatic Acute 1, H400 Aquatic Chronic 1, H410 | M [Acute] = 1 M [Chronic] = 1 | [1] |
| zinc oxide | REACH #: 01-2119463881-32 EC: 215-222-5 CAS: 1314-13-2 Index: 030-013-00-7 | ≤5 | Aquatic Acute 1, H400 Aquatic Chronic 1, H410 | M [Acute] = 1 M [Chronic] = 1 | [1] [2] |
| | | | See Section 16 for the full text of the H statements declared above. | | |

Conforms to Regulation (EC) No. 1907/2006 (REACH), Annex II, as amended by Commission Regulation (EU) 2020/878

Resist 65 Comp B

SECTION 3: Composition/information on ingredients

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.

<u>Type</u>

[1] Substance classified with a health or environmental hazard

[2] Substance with a workplace exposure limit

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

SECTION 4: First aid measures

| 4.1 Description of first aid m | eas | sures |
|--------------------------------|-----|---|
| 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 | : | Remove contact lenses, irrigate copiously with clean, fresh water, holding the eyelids apart for at least 10 minutes and seek immediate medical advice. |
| 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 | 1 | No action shall be taken involving any personal risk or without suitable training. |

4.2 Most important symptoms and effects, both acute and delayed

Over-exposure signs/symptoms

| Eye contact | : No specific data. |
|--------------|---------------------|
| Inhalation | : No specific data. |
| Skin contact | : No specific data. |
| Ingestion | : No specific data. |

4.3 Indication of any immediate medical attention and special treatment needed

| Notes to physician | Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled. |
|---------------------|---|
| 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 ₂ , powders, water spray. | |
| Unsuitable extinguishing media | : Do not use water jet. | |

| 5.2 Special hazards arising | 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 prod cause a health hazard. | ucts may | |
| Hazardous combustion products | Decomposition products may include the following materials: carbon m carbon dioxide, smoke, oxides of nitrogen. | ionoxide, | |

SECTION 5: Firefighting measures

| 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, pro | ote | ctive equipment and emergency procedures |
|--|-----|--|
| For non-emergency personnel | : | Exclude sources of ignition and ventilate the area. Avoid breathing vapour or mist. 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 non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations (see Section 13). Preferably clean with a detergent. Avoid using solvents. |
| 6.4 Reference to other sections | : | See Section 1 for emergency contact information. See Section 8 for information on appropriate personal protective equipment. See Section 13 for additional waste treatment information. |
| | | • |

SECTION 7: Handling and storage

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).

7.1 Precautions for safe handling

| Protective measures | Put on appropriate personal protective equipment (see Section 8). Do not ingest. Avoid contact with eyes, skin and clothing. Avoid release to the environment. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Empty containers retain product residue and can be hazardous. Do not reuse container. |
|--|--|
| Advice on general occupational hygiene | : Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures. |

7.2 Conditions for safe storage, including any incompatibilities

Store in accordance with local regulations.

Notes on joint storage

Keep away from: oxidising agents, strong alkalis, strong acids.

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.

Seveso Directive - Reporting thresholds

Danger criteria

SECTION 7: Handling and storage

| Ca | • • | Notification and MAPP threshold | Safety report threshold |
|----|-----|---------------------------------|-------------------------|
| E1 | 1 | 100 tonne | 200 tonne |

See Technical Data Sheet / packaging for further information.

7.3 Specific end use(s) Recommendations

: Not available.

Industrial sector specific solutions

SECTION 8: Exposure controls/personal protection

: Not available.

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

| Product/ingredient name | Exposure limit values | |
|--|--|--|
| zinc oxide | National institute of occupational safety and health (Spair 4/2021). STEL: 10 mg/m ³ 15 minutes. Form: Respirable fraction TWA: 2 mg/m ³ 8 hours. Form: Respirable fraction | |
| procedures European Stand assessment of values and mea atmospheres - o of exposure to o (Workplace atm for the measure | In the second se | |

DNELs/DMELs

| Product/ingredient name | Туре | Exposure | Value | Population | Effects |
|-------------------------------|------------|-------------------------|-----------------------|--------------------------------------|----------------|
| zinc | DNEL | Long term Oral | 0.83 mg/ kg bw/day | General population | Systemic |
| | DNEL | Long term Inhalation | 2.5 mg/m ³ | General population | Systemic |
| | DNEL | Long term Inhalation | 5 mg/m³ | Workers | Systemic |
| | DNEL | Long term Dermal | 83 mg/kg bw/day | General population | Systemic |
| | DNEL | Long term Dermal | 83 mg/kg bw/day | Workers | Systemic |
| zinc oxide | DNEL | Long term Dermal | 83 mg/kg bw/day | Workers | Systemic |
| | DNEL | Long term Inhalation | 5 mg/m³ | Workers | Systemic |
| | DNEL | Long term Dermal | 83 mg/kg bw/day | General population [Consumers] | Systemic |
| | DNEL | Long term Inhalation | 2.5 mg/m ³ | General population [Consumers] | Systemic |
| | DNEL | Long term Oral | 0.83 mg/ kg bw/day | General population | Systemic |
| e of issue/Date of revision : | 29.03.2023 | Date of previous issue | : 28.03.2 | 023 | Version : 1.02 |

| SECTION 8: Exposure controls/personal protection | | | | | | | | |
|--|-----|-------------------------|-----------------------|-----------------------|----------|--|--|--|
| | | | | [Consumers] | | | | |
| DN | IEL | Long term Inhalation | 0.5 mg/m³ | Workers | Local | | | |
| DN | IEL | Long term Oral | 0.83 mg/ kg bw/day | General population | Systemic | | | |
| DN | IEL | Long term Inhalation | 2.5 mg/m ³ | General population | Systemic | | | |
| DN | | Long term Inhalation | 5 mg/m³ | Workers | Systemic | | | |
| DN | IEL | Long term Dermal | 83 mg/kg bw/day | General population | Systemic | | | |
| DN | IEL | Long term Dermal | 83 mg/kg bw/day | Workers | Systemic | | | |

PNECs

| Product/ingredient name | Compartment Detail | Value | Method Detail |
|-------------------------|---|---|-----------------------|
| | Sewage Treatment Plant Fresh water sediment | 20.6 μg/l 6.1 μg/l 52 μg/l 117.8 mg/kg dwt 56.5 mg/kg dwt 35.6 mg/kg dwt | - - - - - |

8.2 Exposure controls

Appropriate engineering controls : Provide adequate ventilation. 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 concentrations of particulates and solvent vapours 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. 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 ISO 16321-1:2022 should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases or dusts. If contact is possible, the following protection should be worn, unless the assessment indicates a higher degree of protection: safety glasses with side-shields. |

Skin protection

Hand protection

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.

<u>Gloves</u>

Wear suitable gloves tested to ISO 374-1:2016.

Recommended, gloves(breakthrough time) > 8 hours: nitrile rubber (> 0.4 mm)

SECTION 8: Exposure controls/personal protection

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

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 antistatic clothing made of natural fibres or of high- temperature-resistant synthetic fibres. |
| 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. Use respiratory mask with charcoal and dust filter when spraying this product, according to EN 14387 (as filter combination A2-P2). In confined spaces, use compressed-air or fresh-air respiratory equipment. When use of roller or brush, consider use of charcoalfilter. |
| Environmental exposure controls | : Do not allow to enter drains or watercourses. |

SECTION 9: Physical and chemical properties

The conditions of measurement of all properties are at standard temperature and pressure unless otherwise indicated.

9.1 Information on basic physical and chemical properties

| <u>Appearance</u> | | |
|--|---|---|
| Physical state | 1 | Solid. |
| Colour | 3 | Grey. |
| Odour | 1 | Characteristic. |
| Odour threshold | 1 | Not applicable. |
| Melting point/freezing point | : | Not applicable. |
| Initial boiling point and boiling range | 1 | Not available. |
| Flammability | : | Not applicable. |
| Lower and upper explosion limit | 1 | Not applicable. |
| Flash point | : | |
| Auto-ignition temperature | 1 | Not applicable. |
| Decomposition temperature | 1 | Not available. |
| рН | : | Not applicable. |
| Viscosity | : | Kinematic (40°C): >20.5 mm²/s |
| Solubility in water | 1 | Not available. |
| Partition coefficient: n-octanol/ water | 1 | Not available. |
| Vapour pressure | 1 | Not available. |
| Evaporation rate | 1 | Not available. |
| Density | 1 | 7.1 g/cm³ |
| Vapour density | 1 | Highest known value: 5.47 (Air = 1) (zinc oxide). |
| Explosive properties | 1 | Not available. |
| Oxidising properties | : | Not available. |
| Particle characteristics | | |
| Median particle size | ÷ | Not available. |
| | | |

9.2 Other information

No additional information.

SECTION 10: Stability and reactivity

| | - | |
|--|---|--|
| 10.1 Reactivity | : | No specific test data related to reactivity available for this product or its ingredients. |
| 10.2 Chemical stability | 1 | 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 | : | When exposed to high temperatures may produce hazardous decomposition products. |
| 10.5 Incompatible materials | : | Keep away from the following materials to prevent strong exothermic reactions: oxidising agents, strong alkalis, strong acids. |
| 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 hazard classes as defined in Regulation (EC) No 1272/2008

Acute toxicity

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

Acute toxicity estimates

N/A

Irritation/Corrosion

| Product/ingredient name | Result | Species | Score | Exposure | Observation |
|-------------------------|----------------------|---------|-------|--|-------------|
| zinc | Skin - Mild irritant | Human | - | 72 hours 300 Micrograms Intermittent | - |
| zinc oxide | Eyes - Mild irritant | Rabbit | - | 24 hours 500 mg | - |
| | Skin - Mild irritant | Rabbit | - | 24 hours 500 mg | - |

Sensitisation

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

Mutagenicity

No known significant effects or critical hazards.

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.

Teratogenicity

No known significant effects or critical hazards.

Specific target organ toxicity (single exposure)

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

Specific target organ toxicity (repeated exposure)

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

Aspiration hazard

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

11.2 Information on other hazards

11.2.1 Endocrine disrupting properties

Not available.

11.2.2 Other information

SECTION 11: Toxicological information

Not available.

SECTION 12: Ecological information

12.1 Toxicity

| Product/ingredient name | Result | Species | Exposure |
|-------------------------|---|--|----------------------------------|
| zinc zinc oxide | Acute LC50 330 µg/l Fresh water Acute LC50 0.78 mg/l Fresh water Acute LC50 1.1 ppm Fresh water | Daphnia - Daphnia magna Fish Fish - Oncorhynchus mykiss | 48 hours 96 hours 96 hours |
| | Chronic NOEC 0.02 mg/l Fresh water | Algae - Pseudokirchneriella subcapitata - Exponential growth phase | 72 hours |

Conclusion/Summary

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

12.2 Persistence and degradability

| Conclusion/Summary | : Not available. | | |
|-------------------------|-------------------|------------|----------------------------|
| Product/ingredient name | Aquatic half-life | Photolysis | Biodegradability |
| zinc zinc oxide | - | - | Not readily Not readily |

12.3 Bioaccumulative potential

| Product/ingredient name | LogPow | BCF | Potential |
|-------------------------|--------|-------|-----------|
| zinc oxide | - | 28960 | high |

12.4 Mobility in soil

| Soil/water partition coefficient (Koc) | : Not available. |
|---|------------------|
| Mobility | : Not available. |

12.5 Results of PBT and vPvB assessment

This mixture does not contain any substances that are assessed to be a PBT or a vPvB.

12.6 Endocrine disrupting properties

Not available.

12.7 Other adverse effects

No known significant effects or critical hazards.

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

| <u>Product</u> Methods of disposal | Disposal of this product, so with the requirements of er any regional local authority products via a licensed wa | nould be avoided or minimised olutions and any by-products sl nvironmental protection and wa requirements. Dispose of sur ste disposal contractor. Waste ess fully compliant with the req | hould at all times comply aste disposal legislation and plus and non-recyclable e should not be disposed of |
|---------------------------------------|---|--|--|
| Hazardous waste | : Yes. | | |
| Date of issue/Date of revision | : 29.03.2023 Date of previou | s issue : 28.03.2023 | Version : 1.02 9/13 |

SECTION 13: Disposal considerations

 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)

The European Waste Catalogue classification of this product, when disposed of as waste, is:

| Was | te code | Waste designation | | |
|---|---------------|---|---|--|
| 08 01 11* | | Waste paint and varnish containing organic solvents or other dangerous substances | | |
| Packaging | | | | |
| Methods of | f disposal | packaging sl | on of waste should be avoided or minimised wherever possible. Waste nould be recycled. Incineration or landfill should only be considered ng is not feasible. | |
| Disposal c | onsiderations | 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. | | |
| Type of | packaging | | European waste catalogue (EWC) | |
| CEPE Guid | delines | 15 01 10* | 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 sh taken when handling emptied containers that have not been cleaned or rin Empty containers or liners may retain some product residues. Avoid disper spilt material and runoff and contact with soil, waterways, drains and sewe | | nandling emptied containers that have not been cleaned or rinsed out. iners or liners may retain some product residues. Avoid dispersal of | | |

SECTION 14: Transport information

| | ADR/RID | ADN | IMDG | ΙΑΤΑ |
|------------------------------------|---|---|--|---|
| 14.1 UN number or ID number | UN3077 | UN3077 | UN3077 | UN3077 |
| 14.2 UN proper shipping name | Environmentally hazardous substance, solid, n.o.s. (zinc) | Environmentally hazardous substance, solid, n.o.s. (zinc) | Environmentally hazardous substance, solid, n.o.s. (zinc). Marine pollutant (zinc, zinc oxide) | Environmentally hazardous substance, solid, n.o.s. (zinc) |
| 14.3 Transport hazard class(es) | 9 | 9 | 9 | 9 |
| 14.4 Packing group | | 111 | 111 | 111 |
| 14.5 Environmental hazards | 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.
 <u>Hazard identification number</u> 90

Special provisions 274 Tunnel code (-)

SECTION 14: Transport information **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 \leq 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 ΙΑΤΑ This product is not regulated as a dangerous good when transported in sizes of ≤5 L ŝ 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 : 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 user the event of an accident or spillage. 14.7 Maritime transport in : Not available. bulk according to IMO

instruments

SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture <u>EU Regulation (EC) No. 1907/2006 (REACH)</u>

Annex XIV - List of substances subject to authorisation

Annex XIV

None of the components are listed.

Substances of very high concern

None of the components are listed.

| Annex XVII - Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles | : Not applicable. |
|---|--------------------------|
| Other EU regulations | |
| VOC | : Not available. |
| VOC for Ready-for-Use Mixture | : Not applicable. |
| Industrial emissions (integrated pollution prevention and control) - Air | : Not listed |
| Industrial emissions (integrated pollution prevention and control) - Water | : Not listed |
| Ozone depleting substance Not listed. | es (1005/2009/EU) |
| Prior Informed Consent (P Not listed. | <u>IC) (649/2012/EU)</u> |
| Persistent Organic Polluta | <u>ints</u> |

Not listed.

SECTION 15: Regulatory information

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.

International regulations

Chemical Weapon Convention List Schedules I, II & III Chemicals

Not listed.

Montreal Protocol

Not listed.

Stockholm Convention on Persistent Organic Pollutants

Not listed.

Rotterdam Convention on Prior Informed Consent (PIC)

Not listed.

UNECE Aarhus Protocol on POPs and Heavy Metals

Not listed.

15.2 Chemical safety

: No Chemical Safety Assessment has been carried out.

assessment

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 N/A = Not available PBT = Persistent, Bioaccumulative and Toxic PNEC = Predicted No Effect Concentration PRN = REACH Registration Number |
|----------------------------|--|
| | RRN = REACH Registration Number |
| | SGG = Segregation Group vPvB = Very Persistent and Very Bioaccumulative |

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

| Classification | Justification | |
|-------------------------|--------------------|--|
| Aquatic Acute 1, H400 | Calculation method | |
| Aquatic Chronic 1, H410 | Calculation method | |

Full text of abbreviated H statements

| H400 | Very toxic to aquatic life. |
|------|---|
| H410 | Very toxic to aquatic life with long lasting effects. |

Full text of classifications [CLP/GHS]

| Aquatic Acute 1 Aquatic Chronic 1 | SHORT-TERM (ACUTE) AQUATIC HAZARD - Category 1 LONG-TERM (CHRONIC) AQUATIC HAZARD - Category 1 | | | | | |
|--------------------------------------|---|------------------------|--------------|---------|---------------------|-------|
| Date of printing | : 29.03.2023 | | | | | |
| Date of issue/ Date of revision | : 29.03.2023 | | | | | |
| Date of previous issue | : 28.03.2023 | | | | | |
| Date of issue/Date of revision | : 29.03.2023 | Date of previous issue | : 28.03.2023 | Version | <mark>:</mark> 1.02 | 12/13 |

SECTION 16: Other information

Version

: 1.02

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.