# **SAFETY DATA SHEET**



# JOTATEX INTERIOR EXTERIOR

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

1.1 Product identifier

Product name : JOTATEX INTERIOR EXTERIOR

Product code : 1310

Product description : Waterborne paint.

Product type : Liquid.

Other means of : Not available.

identification

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

Use in coatings - Consumer use: Apply this product only as specified on the label.

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

Jotun A/S P.O.Box 2021 3202 Sandefjord Norway

Tel: + 47 33 45 70 00 Fax: +47 33 45 72 42 E-mail: SDSJotun@jotun.no

### **National contact**

Jotun Ibérica S.A. Poligon Industrial Santa Rita Calle Estàtica, no 3

08755 - Castellbisbal Barcelona

Tel: +34 93 771 18 00 Fax: +34 93 771 18 01 SDSJotun@jotun.com

### 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 Chronic 3, H412

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

Signal word : No signal word.

**Hazard statements** : H412 - Harmful to aquatic life with long lasting effects.

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# **SECTION 2: Hazards identification**

**Precautionary statements** 

General : P102 - Keep out of reach of children.

Prevention : P273 - Avoid release to the environment.

Response : Not applicable.
Storage : Not applicable.

Disposal : P501 - Dispose of contents and container in accordance with all local, regional,

national and international regulations.

Supplemental label

elements

: EUH208 - Contains 1,2-benzisothiazol-3(2H)-one (BIT) and C(M)IT/MIT (3:1). May

produce an allergic reaction.

EUH211 - Warning! Hazardous respirable droplets may be formed when sprayed.

Do not breathe spray or mist.

Additional information

Annex XVII - Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles : Contains preservatives: C(M)IT/MIT (3:1), BIT, ZnPT.

: Not applicable.

**Special packaging requirements** 

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 PBT or a

vPvB.

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.<br>Limits, M-factors<br>and ATEs   | Туре    |
|--|--|---------|---|---|---------|
| 1,2-benzisothiazol-3(2h)-<br>one (BIT) | EC: 220-120-9<br>CAS: 2634-33-5<br>Index: 613-088-00-6                 | <0.05   | Acute Tox. 4, H302<br>Skin Irrit. 2, H315<br>Eye Dam. 1, H318<br>Skin Sens. 1, H317<br>Aquatic Acute 1, H400  | ATE [Oral] = 500<br>mg/kg<br>Skin Sens. 1, H317:<br>C ≥ 0.05%<br>M [Acute] = 1  | [1]     |
| zinc pyrithione                        | EC: 236-671-3<br>CAS: 13463-41-7                                       | ≤0.024  | Acute Tox. 3, H301<br>Acute Tox. 2, H330<br>Eye Dam. 1, H318<br>Repr. 1B, H360D<br>STOT RE 1, H372<br>Aquatic Acute 1, H400<br>Aquatic Chronic 1,<br>H410 | ATE [Oral] = 221<br>mg/kg<br>ATE [Inhalation<br>(dusts and mists)]<br>= 0.14 mg/l<br>M [Acute] = 1000<br>M [Chronic] = 10 | [1] [2] |
| C(M)IT/MIT (3:1)                       | REACH #:<br>01-2120764691-48<br>CAS: 55965-84-9<br>Index: 613-167-00-5 | <0.0015 | Acute Tox. 3, H301<br>Acute Tox. 2, H310<br>Acute Tox. 2, H330<br>Skin Corr. 1B, H314   | ATE [Oral] = 53 mg/<br>kg<br>ATE [Dermal] = 50<br>mg/kg   | [1]     |

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| JOTATEX INTERIOR EXTERIOR |   |  |  |  |  |  |
|---------------------------|---|--|--|--|--|--|
| SECTION 3: Composition    | SECTION 3: Composition/information on ingredients   |  |  |  |  |  |
|                           | Eye Dam. 1, H318 Skin Sens. 1A, H317 Aquatic Acute 1, H400 Aquatic Chronic 1, H410 EUH071 Skin Irrit. 2, H315: $0.06\% \le C < 0.6\%$ Eye Dam. 1, H318: $C \ge 0.6\%$ Eye Irrit. 2, H319: $0.06\% \le C < 0.6\%$ Skin Sens. 1, H317: $C \ge 0.0015\%$ M [Acute] = 100 M [Chronic] = 100 |  |  |  |  |  |
|                           | See Section 16 for<br>the full text of the H<br>statements declared<br>above.   |  |  |  |  |  |

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

This mixture contains ≥ 1% of titanium dioxide. The Annex VI classification of titanium dioxide does not apply to this mixture according to Note 10.

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**: 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** : No action shall be taken involving any personal risk or without suitable training.

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

There are no data available on the mixture itself. The product is not classified as hazardous according to Regulation (EC) 1272/2008 as amended.

If splashed in the eyes, the liquid may cause irritation and reversible damage.

This takes into account, where known, delayed and immediate effects and also chronic effects of components from short-term and long-term exposure by oral, inhalation and dermal routes of exposure and eye contact.

Contains 1,2-benzisothiazol-3(2H)-one (BIT), C(M)IT/MIT (3:1). May produce an allergic reaction.

### Over-exposure signs/symptoms

Eye contact : No specific data.

Inhalation : No specific data.

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### SECTION 4: First aid measures

**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, CO2, powders, water spray.

Unsuitable extinguishing

: Do not use water jet.

media

### 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.

**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

: 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.

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# **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

Avoid contact with skin and eyes. Avoid inhalation of vapour, spray or mist.

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).

Never use pressure to empty. Container is not a pressure vessel.

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.

When operators, whether spraying or not, have to work inside the spray booth, ventilation is unlikely to be sufficient to control particulates and solvent vapour in all cases. In such circumstances they should wear a compressed air-fed respirator during the spraying process and until such time as the particulates and solvent vapour concentration has fallen below the exposure limits.

### 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

Store in a dry, cool and well-ventilated area. Keep container tightly closed.

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 : Not available.

solutions

# 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**

| Product/ingredient name | Exposure limit values                              |
|-------------------------|--|
| zinc pyrithione         | EU OEL (Europe, 2000).<br>TWA: 0.35 mg/m³ 8 hours. |

# Recommended monitoring procedures

: 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**

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

| Product/ingredient name            | Type      | Exposure         | Value                  | Population         | Effects   |
|------------------------------------|-----------|------------------|------------------------|--------------------|-----------|
| 1,2-benzisothiazol-3(2h)-one (BIT) | DNEL      | Long term Dermal | 0.345 mg/              | General            | Systemic  |
|                                    | DAIEI     |                  | kg bw/day              | population         | 0         |
|                                    | DNEL      | Long term Dermal | 0.966 mg/<br>kg bw/day | Workers            | Systemic  |
|                                    | DNEL      | Long term        | 1.2 mg/m <sup>3</sup>  | General            | Systemic  |
|                                    | DIVLE     | Inhalation       | 1.2 mg/m               | population         | Cystollio |
|                                    | DNEL      | Long term        | 6.81 mg/m <sup>3</sup> |                    | Systemic  |
|                                    |           | Inhalation       |                        |                    |           |
| zinc pyrithione                    | DNEL      | Long term Dermal | 0.01 mg/               | Workers            | Systemic  |
| 0(11)17(11)7(0,4)                  |           |                  | kg bw/day              |                    |           |
| C(M)IT/MIT (3:1)                   | DNEL      | Long term        | 0.02 mg/m <sup>3</sup> |                    | Local     |
|                                    | - · · - · | Inhalation       |                        | population         |           |
|                                    | DNEL      | Long term        | 0.02 mg/m <sup>3</sup> | Workers            | Local     |
|                                    | D. 151    | Inhalation       | 0.04 / 2               |                    |           |
|                                    | DNEL      | Short term       | 0.04 mg/m <sup>3</sup> |                    | Local     |
|                                    | D. 151    | Inhalation       | 0.04 / 2               | population         |           |
|                                    | DNEL      | Short term       | 0.04 mg/m <sup>3</sup> | Workers            | Local     |
|                                    | D. 151    | Inhalation       | 0.00                   |                    | 0         |
|                                    | DNEL      | Long term Oral   | 0.09 mg/               | General            | Systemic  |
|                                    | DNEI      | Short torm Oral  | kg bw/day              | population         | Systemia  |
|                                    | DNEL      | Short term Oral  | 0.11 mg/<br>kg bw/day  | General population | Systemic  |
|                                    |           |                  | ky bw/day              | μομαιαιίοπ         |           |

### **PNECs**

No PNECs available

#### 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.

### **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.

#### **Gloves**

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# SECTION 8: Exposure controls/personal protection

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

Recommended, gloves(breakthrough time) > 8 hours: nitrile rubber (> 0.4 mm), neoprene (> 0.35 mm), PVC (> 0.5 mm)

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** : Not applicable.

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 this product contains ingredients with exposure limits, use process enclosures,

local exhaust ventilation or other engineering controls to keep worker exposure below any recommended or statutory limits. By spraying: particulate filter (FFP2 / N95). In confined spaces, use compressed-air or fresh-air respiratory equipment.

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

**Appearance** 

Physical state : Liquid.
Colour : White.

Odour : Characteristic.
Odour threshold : Not applicable.

Melting point/freezing point : 0

**Initial boiling point and** 

boiling range

: Lowest known value: 100°C (212°F) (water).

Flammability : Not applicable.

Lower and upper explosion

limit

: Not applicable.

Flash point : Not applicable.

Auto-ignition temperature : Not applicable.

Decomposition temperature : Not available.

pH : 8.5 to 9

Viscosity : Not available.

Solubility in water : Not available.

Partition coefficient: n-octanol/ : Not available.

water

Vapour pressure : Highest known value: 3.2 kPa (23.8 mm Hg) (at 20°C) (water).

**Evaporation rate** : 0.36 (water) compared with butyl acetate

Density: 1.61 g/cm³Vapour density: Not available.Explosive properties: Not available.Oxidising properties: Not available.

**Particle characteristics** 

Median particle size : Not applicable.

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# SECTION 9: Physical and chemical properties

#### 9.2 Other information

No additional information.

# SECTION 10: Stability and reactivity

- 10.1 Reactivity
- 10.2 Chemical stability
- 10.3 Possibility of hazardous reactions
- : No specific test data related to reactivity available for this product or its ingredients.
- : Stable under recommended storage and handling conditions (see Section 7).
- : 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

There are no data available on the mixture itself. The product is not classified as hazardous according to Regulation (EC) 1272/2008 as amended.

If splashed in the eyes, the liquid may cause irritation and reversible damage.

This takes into account, where known, delayed and immediate effects and also chronic effects of components from short-term and long-term exposure by oral, inhalation and dermal routes of exposure and eye contact.

Contains 1,2-benzisothiazol-3(2H)-one (BIT), C(M)IT/MIT (3:1). May produce an allergic reaction.

### **Acute toxicity**

| Product/ingredient name                | Result                          | Species | Dose       | Exposure |
|--|---------------------------------|---------|------------|----------|
| 1,2-benzisothiazol-3(2h)-<br>one (BIT) | LC50 Inhalation Dusts and mists | Rat     | 40 mg/l    | 4 hours  |
| ,                                      | LD50 Oral                       | Rat     | 485 mg/kg  | -        |
| zinc pyrithione                        | LC50 Inhalation Dusts and mists | Rat     | 0.14 mg/l  | 4 hours  |
|  | LD50 Dermal                     | Rat     | 2000 mg/kg | -        |
|  | LD50 Oral                       | Rat     | 221 mg/kg  | -        |
| C(M)IT/MIT (3:1)                       | LD50 Oral                       | Rat     | 53 mg/kg   | -        |

# **Acute toxicity estimates**

| Product/ingredient name   | Oral (mg/<br>kg) | Dermal<br>(mg/kg) | Inhalation<br>(gases)<br>(ppm) | Inhalation<br>(vapours)<br>(mg/l) | Inhalation<br>(dusts<br>and mists)<br>(mg/l) |
|---|------------------|-------------------|--------------------------------|-----------------------------------|--|
| 1,2-benzisothiazol-3(2h)-one (BIT) zinc pyrithione C(M)IT/MIT (3:1) | 500              | N/A               | N/A                            | N/A                               | N/A  |
|   | 221              | N/A               | N/A                            | N/A                               | 0.14   |
|   | 53               | 50                | N/A                            | 0.5                               | N/A  |

### **Irritation/Corrosion**

| Product/ingredient name            | Result               | Species                            | Score | Exposure | Observation |
|------------------------------------|----------------------|------------------------------------|-------|----------|-------------|
| 1,2-benzisothiazol-3(2h)-one (BIT) | Eyes - Irritant      | Mammal -<br>species<br>unspecified | -     | -        | -           |
|                                    | Skin - Mild irritant | Mammal -<br>species<br>unspecified | -     | -        | -           |
| zinc pyrithione                    | Eyes - Irritant      | Mammal -<br>species<br>unspecified | -     | -        | -           |

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# **SECTION 11: Toxicological information**

### **Sensitisation**

| Product/ingredient name                | Route of exposure | Species                      | Result      |
|--|-------------------|------------------------------|-------------|
| 1,2-benzisothiazol-3(2h)-<br>one (BIT) | skin              | Mouse                        | Sensitising |
| C(M)IT/MIT (3:1)                       | skin              | Mammal - species unspecified | Sensitising |

### **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)

| Product/ingredient name | Category   | Route of exposure | Target organs |
|-------------------------|------------|-------------------|---------------|
| zinc pyrithione         | Category 1 | -                 | -             |

### **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

Not available.

# **SECTION 12: Ecological information**

### 12.1 Toxicity

There are no data available on the mixture itself.

Do not allow to enter drains or watercourses.

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.

| Product/ingredient name            | Result                            | Species                                 | Exposure |
|------------------------------------|-----------------------------------|---|----------|
| 1,2-benzisothiazol-3(2h)-one (BIT) | Acute EC50 0.15 mg/l              | Algae - Slenastrum capricornutum        | 72 hours |
|                                    | Acute EC50 1.05 mg/l              | Crustaceans - Daphnia magna             | 96 hours |
|                                    | Acute LC50 1.4 mg/l               | Fish - Onchorhynchus mykiss             | 96 hours |
| zinc pyrithione                    | Acute EC50 0.067 mg/l             | Algae                                   | 72 hours |
|                                    | Acute EC50 0.051 mg/l             | Daphnia                                 | 48 hours |
|                                    | Acute LC50 0.0104 mg/l            | Fish                                    | 96 hours |
|                                    | Chronic NOEC 2.7 ppb Marine water | Daphnia - Daphnia magna                 | 21 days  |
| C(M)IT/MIT (3:1)                   | Acute EC50 0.048 mg/l             | Algae - Pseudokirchneriella subcapitata | 72 hours |
|                                    | Acute EC50 0.0052 mg/l            | Algae - Skeletonema costatum            | 48 hours |
|                                    | Acute EC50 0.1 mg/l               | Daphnia - Daphnia magna                 | 48 hours |

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|-----|---|--|----------------------------------|
| SE  | CTION 12: Ecological information                                      |  |                                  |
|     | Acute LC50 0.22 mg/l Acute NOEC 0.00064 mg/l Chronic NOEC 0.0012 mg/l | Fish - Oncorhynchus mykiss<br>Algae - Skeletonema costatum<br>Algae - Pseudokirchneriella<br>subcapitata | 96 hours<br>48 hours<br>72 hours |
|     | Chronic NOEC 0.004 mg/l<br>Chronic NOEC 0.098 mg/l                    | Daphnia - Daphnia magna<br>Fish - Oncorhynchus mykiss  | 21 days<br>28 days               |

**Conclusion/Summary**: This material is harmful to aquatic life with long lasting effects.

### 12.2 Persistence and degradability

**Conclusion/Summary**: Not available.

| Product/ingredient name | Aquatic half-life | Photolysis | Biodegradability |
|-------------------------|-------------------|------------|------------------|
| C(M)IT/MIT (3:1)        | -                 | -          | Not readily      |

### 12.3 Bioaccumulative potential

| Product/ingredient name | LogPow | BCF  | Potential |
|-------------------------|--------|------|-----------|
| zinc pyrithione         | 0.9    | 11   | low       |
| C(M)IT/MIT (3:1)        |        | 3.16 | low       |

### 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

### **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** 

: Within the present knowledge of the supplier, this product is not regarded as hazardous waste, as defined by EU Directive 2008/98/EC.

**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.

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# **SECTION 13: Disposal considerations**

### European waste catalogue (EWC)

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

| Waste code | Waste designation  |
|------------|--|
| 08 01 12   | waste paint and varnish other than those mentioned in 08 01 11 |

### **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.

**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 spilt material and runoff and contact with soil, waterways, drains and sewers.

# **SECTION 14: Transport information**

|                                    | ADR/RID        | ADN            | IMDG           | IATA           |
|------------------------------------|----------------|----------------|----------------|----------------|
| 14.1 UN number or ID number        | Not regulated. | Not regulated. | Not regulated. | Not regulated. |
| 14.2 UN proper shipping name       | -              | -              | -              | -              |
| 14.3 Transport<br>hazard class(es) | -              | -              | -              | -              |
| 14.4 Packing group                 | -              | -              | -              | -              |
| 14.5<br>Environmental<br>hazards   | No.            | No.            | No.            | No.            |

user

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 the event of an accident or spillage.

14.7 Maritime transport in bulk according to IMO instruments

: Not available.

# 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

None of the components are listed.

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# SECTION 15: Regulatory information

**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** : 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 available.

: Not listed

**Industrial emissions** (integrated pollution

prevention and control) -

Air

**Industrial emissions** : Not listed

(integrated pollution prevention and control) -

Water

Ozone depleting substances (1005/2009/EU)

Not listed.

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

Not listed.

**Persistent Organic Pollutants** 

Not listed.

**Seveso Directive** 

This product is not controlled under the Seveso Directive.

**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.

: No Chemical Safety Assessment has been carried out. 15.2 Chemical safety

assessment

# **SECTION 16: Other information**

Indicates information that has changed from previously issued version.

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### **SECTION 16: Other information**

Abbreviations and acronyms

: ATE = Acute Toxicity Estimate

CLP = Classification, Labelling and Packaging 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 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 Chronic 3, H412 | Calculation method |  |

### Full text of abbreviated H statements

| H301   | Toxic if swallowed.   |
|--------|---|
| H302   | Harmful if swallowed.   |
| H310   | Fatal in contact with skin.                                     |
| H314   | Causes severe skin burns and eye damage.                        |
| H315   | Causes skin irritation.   |
| H317   | May cause an allergic skin reaction.                            |
| H318   | Causes serious eye damage.                                      |
| H330   | Fatal if inhaled.   |
| H360D  | May damage the unborn child.                                    |
| 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.           |
| H412   | Harmful to aquatic life with long lasting effects.              |
| EUH071 | Corrosive to the respiratory tract.                             |

# Full text of classifications [CLP/GHS]

| Acute Tox. 2      | ACUTE TOXICITY - Category 2                                     |
|-------------------|---|
| Acute Tox. 3      | ACUTE TOXICITY - Category 3                                     |
| Acute Tox. 4      | ACUTE TOXICITY - Category 4                                     |
| Aquatic Acute 1   | SHORT-TERM (ACUTE) AQUATIC HAZARD - Category 1                  |
| Aquatic Chronic 1 | LONG-TERM (CHRONIC) AQUATIC HAZARD - Category 1                 |
| Aquatic Chronic 3 | LONG-TERM (CHRONIC) AQUATIC HAZARD - Category 3                 |
| Eye Dam. 1        | SERIOUS EYE DAMAGE/EYE IRRITATION - Category 1                  |
| Repr. 1B          | REPRODUCTIVE TOXICITY - Category 1B                             |
| Skin Corr. 1B     | SKIN CORROSION/IRRITATION - Category 1B                         |
| Skin Irrit. 2     | SKIN CORROSION/IRRITATION - Category 2                          |
| Skin Sens. 1      | SKIN SENSITISATION - Category 1                                 |
| Skin Sens. 1A     | SKIN SENSITISATION - Category 1A                                |
| STOT RE 1         | SPECIFIC TARGET ORGAN TOXICITY - REPEATED EXPOSURE - Category 1 |

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

JOTATEX INTERIOR EXTERIOR

### **SECTION 16: Other information**

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.

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