

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

1.1 Product identifier	
Product name	: Rehabilit Performance FA
Product code	: 22380
Product description	: Waterborne paint.
Product type	: Liquid.
Other means of identification	: Not available.

# 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 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]

Skin Sens. 1, H317 Aquatic Chronic 3, H412

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 Hazard statements		Warning. H317 - May cause an allergic skin reaction.
Precautionary statements		H412 - Harmful to aquatic life with long lasting effects.
General	:	P102 - Keep out of reach of children.

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# SECTION 2: Hazards identification

Prevention	P280 - Wear protective gloves. P273 - Avoid release to the environment.	
Response	P302 + P352 - IF ON SKIN: Wash with plenty of soap and water. P333 + P313 - If skin irritation or rash occurs: Get medical attention.	
Storage	Not applicable.	
Disposal	P501 - Dispose of contents and container in accordance with all local, regional, national and international regulations.	
Hazardous ingredients	4,5-dichloro-2-octyl-2H-isothiazol-3-one (DCOIT) 1,2-benzisothiazol-3(2h)-one (BIT) C(M)IT/MIT (3:1)	
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 hazarde		

### 2.3 Other hazards

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

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

Product/ingredient name	Identifiers	Weight %	Regulation (EC) No. 1272/2008 [CLP]	Туре
4,5-dichloro-2-octyl-2H-isothiazol- 3-one (DCOIT)	EC: 264-843-8 CAS: 64359-81-5	<0.1	Acute Tox. 4, H302 Acute Tox. 4, H312 Acute Tox. 2, H330 Skin Corr. 1C, H314 Eye Dam. 1, H318 Skin Sens. 1, H317 STOT SE 3, H335 Aquatic Acute 1, H400 (M=100) Aquatic Chronic 1, H410 (M=10)	[1]
1,2-benzisothiazol-3(2h)-one (BIT)	EC: 220-120-9 CAS: 2634-33-5 Index: 613-088-00-6	<0.05	Àcute Tox. 4, H302 Skin Irrit. 2, H315 Eye Dam. 1, H318 Skin Sens. 1, H317 Aquatic Acute 1, H400 (M=1)	[1]
C(M)IT/MIT (3:1)	CAS: 55965-84-9 Index: 613-167-00-5	≤0.0045	Acute Tox. 3, H301 Acute Tox. 2, H310 Acute Tox. 2, H310 Acute Tox. 2, H330 Skin Corr. 1B, H314 Eye Dam. 1, H318 Skin Sens. 1, H317 Aquatic Acute 1, H400 (M=100) Aquatic Chronic 1, H410	[1]

# SECTION 3: Composition/information on ingredients

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	(M=100)	
	See Section 16 for the full text of the H statements declared 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.

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	<ul> <li>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.</li> </ul>
Eye contact	<ul> <li>Remove contact lenses, irrigate copiously with clean, fresh water, holding the eyelids apart for at least 10 minutes and seek immediate medical advice.</li> </ul>
Inhalation	<ul> <li>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.</li> </ul>
Skin contact	<ul> <li>Remove contaminated clothing and shoes. Wash skin thoroughly with soap and water or use recognised skin cleanser. Do NOT use solvents or thinners.</li> </ul>
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. 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 : No specific data. Inhalation : No specific data. Skin contact : Adverse symptoms may include the following: irritation redness 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. : No specific treatment. **Specific treatments** 

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 fr	on	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**

#### Due to the organic solvents content of the mixture:

6.1 Personal precautions, pr	ve equipment and emergency procedures	
For non-emergency personnel	clude sources of ignition and ventilate the area. Avoid breathing va efer to protective measures listed in sections 7 and 8.	apour or mist.
For emergency responders	specialised clothing is required to deal with the spillage, take note of formation in Section 8 on suitable and unsuitable materials. See a formation in "For non-emergency personnel".	
6.2 Environmental precautions	o not allow to enter drains or watercourses. If the product contamin /ers, or sewers, inform the appropriate authorities in accordance wi gulations.	
6.3 Methods and material for containment and cleaning up	ontain and collect spillage with non-combustible, absorbent materia arth, vermiculite or diatomaceous earth and place in container for d cording to local regulations (see Section 13). Preferably clean with void using solvents.	isposal
6.4 Reference to other sections	ee Section 1 for emergency contact information. ee Section 8 for information on appropriate personal protective equ ee Section 13 for additional waste treatment information.	ipment.

# **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

Due to the organic solvents content of the mixture:

Prevent the creation of flammable or explosive concentrations of vapours in air and avoid vapour concentrations higher than the occupational exposure limits.

In addition, the product should only be used in areas from which all naked lights and other sources of ignition have been excluded. Electrical equipment should be protected to the appropriate standard.

Keep away from heat, sparks and flame. No sparking tools should be used.

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.

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# **SECTION 7: Handling and storage**

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.

Information on fire and explosion protection

Vapours are heavier than air and may spread along floors. Vapours may form explosive mixtures with air.

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

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.

#### 7.3 Specific end use(s)

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

No exposure limit value known.

**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

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

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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 meas	<u>98</u>
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: safety glasses with side-shields.
Skin protection	
Gloves	<ul> <li>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/chemica 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) &gt; 8 hours: PVC, nitrile rubber, neoprene May be used, gloves(breakthrough time) 4 - 8 hours: polyvinyl alcohol (PVA)</li> <li>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.</li> </ul>
Body protection	<ul> <li>Personnel should wear antistatic clothing made of natural fibres or of high- temperature-resistant synthetic fibres.</li> </ul>
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**

#### 9.1 Information on basic physical and chemical properties **Appearance Physical state** : Liquid. Colour Various colours. Odour Characteristic. **Odour threshold** : Not applicable. pН : Not applicable. Melting point/freezing point τ. 0 Initial boiling point and : Lowest known value: 100°C (212°F) (water). Weighted average: 104.13°C (219. 4°F) boiling range **Flash point** : Not available. : 0.36 (water) compared with butyl acetate **Evaporation rate** : Not applicable. Flammability (solid, gas) Upper/lower flammability or : 0.6 - 4.2% explosive limits Vapour pressure : Highest known value: 3.2 kPa (23.8 mm Hg) (at 20°C) (water). Weighted average: 3.12 kPa (23.4 mm Hg) (at 20°C) : Highest known value: 7.5 (Air = 1) (propanoic acid, 2-methyl-, monoester with 2, Vapour density 2,4-trimethyl-1,3-pentanediol). 1.37 to 1.486 g/cm<sup>3</sup> **Density** : Easily soluble in the following materials: cold water and hot water. Solubility(ies) Partition coefficient: n-octanol/ : Not available. water : Not applicable. Auto-ignition temperature **Decomposition temperature** : Not available. Viscosity : Kinematic (40°C): >0.205 cm<sup>2</sup>/s (>20.5 mm<sup>2</sup>/s) : Not available. **Explosive properties Oxidising properties** : 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	:	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 toxicological effects

## Acute toxicity

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

### Acute toxicity estimates

None.

# Irritation/Corrosion

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

## **Sensitisation**

Product/ingredient name	Route of exposure	Species	Result
4,5-dichloro-2-octyl-2H- isothiazol-3-one (DCOIT)	skin	Mammal - species unspecified	Sensitising
1,2-benzisothiazol-3(2h)- 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**

**Fertility effects** 

No known significant effects or critical hazards.

### Reproductive toxicity

**Developmental effects** 

: No known significant effects or critical hazards.

# : No known significant effects or critical hazards.

# Specific target organ toxicity (single exposure)

Product/ingredient name	Category	Route of exposure	Target organs
4,5-dichloro-2-octyl-2H-isothiazol-3-one (DCOIT)	Category 3	Not applicable.	Respiratory tract irritation

# 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.

Other information : None identified.

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# **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
4,5-dichloro-2-octyl-2H- isothiazol-3-one (DCOIT)	Acute EC50 0.0057 mg/l	Crustaceans - Daphnia magna	48 hours
	Acute LC50 0.014 mg/l	Fish - Lepomis macrochirus	96 hours
	Acute LC50 0.0027 mg/l	Fish - Onchorhynchus mykiss	96 hours
	Chronic NOEC 0.00056 mg/l	Fish	97 days
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
C(M)IT/MIT (3:1)	Acute EC50 0.027 mg/l	Algae - Selenastrum capricornutum	72 hours
	Acute EC50 0.16 mg/l	Daphnia - Daphnia magna	48 hours
	Acute LC50 0.19 mg/l	Fish - Oncorhynchus mykiss	96 hours
	Chronic NOEC 0.1 mg/l	Daphnia	21 days
	Chronic NOEC 0.05 mg/l	Fish	14 days

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

## 12.2 Persistence and degradability

#### Not available.

Product/ingredient name	Aquatic half-life	Photolysis	Biodegradability
4,5-dichloro-2-octyl-2H- isothiazol-3-one (DCOIT)	-	-	Readily
C(M)IT/MIT (3:1)	-	-	Not readily

### 12.3 Bioaccumulative potential

Not available.

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.

# **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** 

# **SECTION 13: Disposal considerations**

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	<ul> <li>Do not allow to enter drains or watercourses.</li> <li>Dispose of according to all federal, state and local applicable regulations.</li> <li>If this product is mixed with other wastes, the original waste product code may no longer apply and the appropriate code should be assigned.</li> <li>For further information, contact your local waste authority.</li> </ul>	
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	<ul> <li>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.</li> </ul>	
Type of packaging	European waste catalogue (EWC)	
CEPE Paint Guidelines	5 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 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	

# **SECTION 14: Transport information**

	ADR/RID	ADN	IMDG	IATA
14.1 UN number	Not regulated.	Not regulated.	Not regulated.	Not regulated.
14.2 UN proper shipping name	-	-	-	-
14.3 Transport hazard class(es)	-	-	-	-
14.4 Packing group	-	-	-	-
14.5 Environmental 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.

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

Renabilit Performance FA
SECTION 14: Transport information
14.7 Transport in bulk     : Not applicable.
according to Annex II of
Marpol and the IBC Code
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.
Annex XVII - Restrictions : Not applicable.
on the manufacture, placing on the market
and use of certain
dangerous substances,
mixtures and articles
Other EU regulations
<b>VOC</b> : 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 : Not applicable. Mixture
Europe inventory : Not determined.
Ozone depleting substances (1005/2009/EU)
Not listed.
Prior Informed Consent (PIC) (649/2012/EU)
Not listed.
<u>Seveso Directive</u>
This product is not controlled under the Seveso Directive.
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 : Not applicable.
assessment

# **SECTION 16: Other information**

	ndicates information	that has changed	from previously	vissued version.
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Abbreviations and acronyms	<ul> <li>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</li> </ul>
	vPvB = Very Persistent and Very Bioaccumulative

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

Classification	Justification	
Skin Sens. 1, H317	Calculation method	
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.
H312	Harmful 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.
H335	May cause respiratory irritation.
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.

## Full text of classifications [CLP/GHS]

Acute Tox. 2, H310		ACUTE TOXICITY (dermal) - Category 2
Acute Tox. 2, H330		ACUTE TOXICITY (inhalation) - Category 2
Acute Tox. 3, H301		ACUTE TOXICITY (oral) - Category 3
Acute Tox. 4, H302		ACUTE TOXICITY (oral) - Category 4
Acute Tox. 4, H312		ACUTE TOXICITY (dermal) - 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 3, H412		LONG-TERM (CHRONIC) AQUATIC HAZARD - Category 3
Eye Dam. 1, H318		SERIOUS EYE DAMAGE/EYE IRRITATION - Category 1
Skin Corr. 1B, H314		SKIN CORROSION/IRRITATION - Category 1B
Skin Corr. 1C, H314		SKIN CORROSION/IRRITATION - Category 1C
Skin Irrit. 2, H315		SKIN CORROSION/IRRITATION - Category 2
Skin Sens. 1, H317		SKIN SENSITISATION - Category 1
STOT SE 3, H335		SPECIFIC TARGET ORGAN TOXICITY - SINGLE EXPOSURE
		(Respiratory tract irritation) - Category 3
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Notice to reader	

# **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.

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.