SAFETY DATA SHEET



Jotafloor Topcoat E Comp B (20)

Section 1. Identification

: UN2735
: Jotafloor Topcoat E Comp B (20)
: 30062
: Not available.
: Liquid.
: Hardener.

Relevant identified uses of the substance or mixture and uses advised against Not applicable.

Supplier's details	 Jotun Paints (Vietnam) Co. Ltd. No., 1 Street 10, Song Than 1 Industrial Zone, Di An City, Binh Duong Province, Vietnam Phone: + 84 274 374 2206 Fax: + 84 274 374 2205 SDSJotun@jotun.com 	Jotun Paints Viet Nam Hiep Phuoc Factory Ho Chi Minh City Lot F3, Street 01, Hiep Phuoc Industrial Zone, Hiep Phuoc Commune, Nha Be District, Ho Chi Minh, Viet Nam
Emergency telephone number (with hours of operation)	: Office phone + 84 274 374 2206 or + 47 33 45 70 00 Jotun Norway (he	ad office)

Section 2. Hazards identification

Classification of the substance or mixture	: ACUTE TOXICITY (oral) - Category 4 SKIN CORROSION - Category 1B SERIOUS EYE DAMAGE - Category 1 SKIN SENSITISATION - Category 1 REPRODUCTIVE TOXICITY - Category 2
GHS label elements	
Hazard pictograms	
Signal word	: Danger.
Hazard statements	 H302 - Harmful if swallowed. H314 - Causes severe skin burns and eye damage. H317 - May cause an allergic skin reaction. H361 - Suspected of damaging fertility or the unborn child.
Precautionary statements	
General	: P102 - Keep out of reach of children.

Date of issue/Date of revision	
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Section 2. Hazards identification

Prevention	 P201 - Obtain special instructions before use. P280 - Wear protective gloves, protective clothing and eye or face protection. P261 - Avoid breathing vapour. P270 - Do not eat, drink or smoke when using this product.
Response	 P308 + P313 - IF exposed or concerned: Get medical advice or attention. P304 + P310 - IF INHALED: Immediately call a POISON CENTER or doctor. P301 + P310, P330, P331 - IF SWALLOWED: Immediately call a POISON CENTER or doctor. Rinse mouth. Do NOT induce vomiting. P303 + P361 + P353, P310 - IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water. Immediately call a POISON CENTER or doctor. P363 - Wash contaminated clothing before reuse. P302 + P352 - IF ON SKIN: Wash with plenty of water. P333 + P313 - If skin irritation or rash occurs: Get medical advice or attention. P305 + P351 + P338, P310 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or doctor.
Storage	: P405 - Store locked up.
Disposal	 P501 - Dispose of contents and container in accordance with all local, regional, national and international regulations.

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

Section 3. Composition/information on ingredients

Substance/mixture	: Mixture
Other means of	: Not available.
identification	

Ingredient name	%	CAS number
3-aminomethyl-3,5,5-trimethylcyclohexylamine	≥25 - ≤50	2855-13-2
benzyl alcohol	≥25 - ≤50	100-51-6
salicylic acid	≤10	69-72-7
2,4,6-tris(dimethylaminomethyl)phenol	≤3	90-72-2

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 and hence require reporting in this section.

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

Section 4. First aid measures

Description of necessary first aid measures		
Eye contact	:	Get medical attention immediately. Call a poison center or physician. Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 10 minutes. Chemical burns must be treated promptly by a physician.
Inhalation	:	Get medical attention immediately. Call a poison center or physician. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If it is suspected that fumes are still present, the rescuer should wear an appropriate mask or self-contained breathing apparatus. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband. In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours.

Section 4. First aid measures

Skin contact	: Get medical attention immediately. Call a poison center or physician. Wash with plenty of soap and water. Remove contaminated clothing and shoes. Wash contaminated clothing thoroughly with water before removing it, or wear gloves. Continue to rinse for at least 10 minutes. Chemical burns must be treated promptly by a physician. In the event of any complaints or symptoms, avoid further exposure. Wash clothing before reuse. Clean shoes thoroughly before reuse.
Ingestion	: Get medical attention immediately. Call a poison center or physician. Wash out mouth with water. Remove dentures if any. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Stop if the exposed person feels sick as vomiting may be dangerous. Do not induce vomiting unless directed to do so by medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Chemical burns must be treated promptly by a physician. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.

Most important symptoms/effects, acute and delayed

Potential acute health e	effects
Eye contact	: Causes serious eye damage.
Inhalation	: No known significant effects or critical hazards.
Skin contact	: Causes severe burns. May cause an allergic skin reaction.
Ingestion	: Harmful if swallowed.
Over-exposure signs/s	<u>ymptoms</u>
Eye contact	: Adverse symptoms may include the following: pain watering redness
Inhalation	: Adverse symptoms may include the following: reduced foetal weight increase in foetal deaths skeletal malformations
Skin contact	: Adverse symptoms may include the following: pain or irritation redness blistering may occur reduced foetal weight increase in foetal deaths skeletal malformations
Ingestion	: Adverse symptoms may include the following: stomach pains reduced foetal weight increase in foetal deaths skeletal malformations

indication of infinediate medical attention and special treatment heeded, if hecessary		
Notes to physician	:	In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours.
Specific treatments	:	No specific treatment.
Protection of first-aiders	:	No action shall be taken involving any personal risk or without suitable training. If it is suspected that fumes are still present, the rescuer should wear an appropriate mask or self-contained breathing apparatus. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Wash contaminated clothing thoroughly with water before removing it, or wear gloves.

See toxicological information (Section 11)

Section 5. Firefighting measures

Extinguishing media	
Suitable extinguishing media	: Use an extinguishing agent suitable for the surrounding fire.
Unsuitable extinguishing media	: None known.
Specific hazards arising from the chemical	: In a fire or if heated, a pressure increase will occur and the container may burst.
Hazardous thermal decomposition products	: Decomposition products may include the following materials: carbon dioxide carbon monoxide nitrogen oxides
Special protective actions for fire-fighters	: Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.
Special protective equipment for fire-fighters	: Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

Section 6. Accidental release measures

tiv	a aquipment and amarganay procedures
	re equipment and emergency procedures
:	No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilt material. Do not breathe vapour or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment.
:	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".
	Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).
Ita	inment and cleaning up
:	Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.
:	Stop leak if without risk. Move containers from spill area. Approach the release from upwind. Prevent entry into sewers, water courses, basements or confined areas. Wash spillages into an effluent treatment plant or proceed as follows. 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). Dispose of via a licensed waste disposal contractor. Contaminated absorbent material may pose the same hazard as the spilt product. Note: see Section 1 for emergency contact information and Section 13 for waste disposal.
	: : :

Section 7. Handling and storage

Precautions for safe handling

Section 7. Handling and storage

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Protective measures	Put on appropriate personal protective equipment (see Section 8). Persons with history of skin sensitization problems should not be employed in any process in which this product is used. Avoid exposure - obtain special instructions before Avoid exposure during pregnancy. Do not handle until all safety precautions has been read and understood. Do not get in eyes or on skin or clothing. Do not breathe vapour or mist. Do not ingest. If during normal use the material prese respiratory hazard, use only with adequate ventilation or wear appropriate resp Keep in the original container or an approved alternative made from a compatil 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.	
Conditions for safe storage, including any incompatibilities	Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Store locked up. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabelled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use.	

Section 8. Exposure controls/personal protection

Control parameters	
Occupational exposure lin	<u>nits</u>
None.	
Appropriate engineering controls	: If user operations generate dust, fumes, gas, vapour or mist, use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits.
Environmental exposure controls	: Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.
Individual protection meas	ures
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 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: chemical splash goggles and/or face shield. If inhalation hazards exist, a full-face respirator may be required instead.
Skin protection	
Hand protection	: Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary. Considering the parameters specified by the glove manufacturer, check during use that the gloves are still retaining their protective properties. It should be noted that the time to breakthrough for any glove material may be different for different glove manufacturers. In the case of mixtures, consisting of several substances, the protection time of the gloves cannot be accurately estimated.

Section 8. Exposure controls/personal 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.
Wear suitable gloves tested to ISO 374-1:2016.
May be used, gloves(breakthrough time) 4 - 8 hours: PVC (> 0.5 mm), nitrile rubber (> 0.75 mm)
Recommended, gloves(breakthrough time) > 8 hours: fluor rubber (> 0.35 mm), Viton® (> 0.7 mm), 4H/Silver Shield® (> 0.07 mm), neoprene (> 0.35 mm), butyl rubber (> 0.4 mm)
 Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.
 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.
: Based on the hazard and potential for exposure, select a respirator that meets the appropriate standard or certification. Respirators must be used according to a respiratory protection program to ensure proper fitting, training, and other important aspects of use.
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.

Section 9. Physical and chemical properties

Appearance					
Physical state	: Liquid.				
Colour	Colourless.				
Odour	: Characteristic.				
Odour threshold	: Not applicable.				
рН	: Not applicable.				
Melting point	: Not applicable.				
Boiling point	: Lowest known value: 205.3°C (401.5°F) (benzyl alcohol). Weighted average: 229.49°C (445.1°F)				
Flash point	: Closed cup: 100°C (212°F)				
Evaporation rate	: 0.007 (benzyl alcohol) compared with butyl acetate				
Flammability (solid, gas)	: Not applicable.				
Lower and upper explosive (flammable) limits	1.2 - 13%				
Vapour pressure	Highest known value: 0.007 kPa (0.05 mm Hg) (at 20°C) (benzyl alcohol). Weighted average: 0.005 kPa (0.04 mm Hg) (at 20°C)				
Vapour density	Highest known value: 3.7 (Air = 1) (benzyl alcohol).				
Relative density	: 1.02 g/cm ³				
Solubility	: cold water Not soluble hot water Not soluble				
Solubility in water	: Not available.				
Date of issue/Date of revision	: 12.12.2024 Date of provious issue : 04.07.2024 Version : 1.04				

Date of issue/Date of revision

Section 9. Physical and chemical properties

Partition coefficient: n- octanol/water	1	Not available.
Auto-ignition temperature	1	Lowest known value: 380°C (716°F) (3-aminomethyl- 3,5,5-trimethylcyclohexylamine).
Decomposition temperature	:	Not available.
Viscosity	:	Kinematic (40°C (104°F)): >20.5 mm²/s (>20.5 cSt)
Flow time (ISO 2431)	1	Not available.

Section 10. Stability and reactivity

Reactivity	specific test data related to reactivity ava	ailable for this product or its ingredients.
Chemical stability	product is stable.	
Possibility of hazardous reactions	er normal conditions of storage and use	e, hazardous reactions will not occur.
Conditions to avoid	specific data.	
Incompatible materials	p away from the following materials to p ising agents, strong alkalis, strong acids	
Hazardous decomposition products	er normal conditions of storage and use Ild not be produced.	e, hazardous decomposition products

Section 11. Toxicological information

Information on toxicological effects

Acute toxicity

Product/ingredient name	Result	Species	Dose	Exposure
3-aminomethyl- 3,5,5-trimethylcyclohexylamine	LD50 Oral	Rat	1030 mg/kg	-
benzyl alcohol 2,4,6-tris (dimethylaminomethyl) phenol	LD50 Oral LD50 Oral	Rat Rat	1230 mg/kg 1673 mg/kg	-

Irritation/Corrosion

Product/ingredient name	Result	Species	Score	Exposure	Observation
benzyl alcohol	Eyes - Mild irritant	Mammal - species unspecified	-	-	-
salicylic acid	Eyes - Mild irritant	Mammal - species unspecified	-	-	-
	Skin - Mild irritant	Mammal - species unspecified	-	-	-
2,4,6-tris (dimethylaminomethyl) phenol	Eyes - Severe irritant	Rabbit	-	24 hours 50 µg	-
	Skin - Severe irritant	Rat	-	0.25 ml	-

Sensitisation

••••••	Route of exposure	Species	Result
3-aminomethyl- 3,5,5-trimethylcyclohexylamine	skin	Mammal - species unspecified	Sensitising

Mutagenicity

Not available.

Carcinogenicity

Not available.

Reproductive toxicity

Jotafloor Topcoat E Comp B		• •				
Section 11. Toxico	ological	informa	ation			
Product/ingredient name	Maternal toxicity	Fertility	Developmental toxin	Species	Dose	Exposure
salicylic acid	-	-	Positive	Rat	Oral: 150 mg/kg	-
Teratogenicity	·				·	
Not available.						
Specific target organ toxici	ty (single ex	<u>posure)</u>				
Not available.						
Specific target organ toxici Not available.	ty (repeated	<u>exposure)</u>				
Aspiration hazard						
Not available.						
Information on likely routes of exposure	: Not avai	able.				
Potential acute health effects	<u>s</u>					
Eye contact	: Causes	serious eye o	damage.			
Inhalation	: No know	n significant	effects or critical h	nazards.		
Skin contact	: Causes	: Causes severe burns. May cause an allergic skin reaction.				
Ingestion	: Harmful if swallowed.					
Symptoms related to the phy						
Eye contact	: Adverse pain	symptoms n	nay include the foll	owing:		
	watering					
	redness	_				
Inhalation		symptoms n foetal weight	nay include the foll t	owing:		
		in foetal dea				
	skeletal	malformatior	าร			
Skin contact			nay include the foll	owing:		
	pain or ir redness	ritation				
		nay occur				
		foetal weight				
		in foetal dea malformatior				
Ingestion			nay include the foll	owina:		
Ŭ	stomach	pains		0		
		foetal weight in foetal dea				
		malformation				
Delayed and immediate effec	cts as well a	<u>s chronic ef</u>	fects from short a	and long-term	<u>exposure</u>	
Short term exposure						
Potential immediate effects	: Not avai	able.				
Potential delayed effects	: Not avai	able.				
Long term exposure						

Potential immediate	: Not available.
effects	

Potential delayed effects	:	Not available.
Potential chronic health effe	ect	<u>s</u>

Section 11. Toxicological information

Not available.

General	: Once sensitized, a severe allergic reaction may occur when subsequently exposed to very low levels.
Carcinogenicity	: No known significant effects or critical hazards.
Mutagenicity	: No known significant effects or critical hazards.
Reproductive toxicity	: Suspected of damaging fertility or the unborn child.

Numerical measures of toxicity

Acute toxicity estimates

Product/ingredient name	Oral (mg/ kg)	Dermal (mg/kg)	Inhalation (gases) (ppm)	Inhalation (vapours) (mg/l)	Inhalation (dusts and mists) (mg/l)
Jotafloor Topcoat E Comp B (20)	1149.6	N/A	N/A	26.9	N/A
3-aminomethyl-3,5,5-trimethylcyclohexylamine	1030	N/A	N/A	N/A	N/A
benzyl alcohol	1230	N/A	N/A	11	N/A
salicylic acid	500	N/A	N/A	N/A	N/A
2,4,6-tris(dimethylaminomethyl)phenol	1673	N/A	N/A	N/A	N/A

Section 12. Ecological information

Toxicity

Product/ingredient name	Result	Species	Exposure
3-aminomethyl- 3,5,5-trimethylcyclohexylamine	Acute EC50 388 mg/l	Crustaceans	48 hours
	Acute EC50 23 mg/l	Daphnia	48 hours
	Acute LC50 110 mg/l	Fish	96 hours
salicylic acid	Acute LC50 32 µg/l Fresh water	Daphnia - Daphnia magna -	48 hours
-		Neonate	
	Chronic NOEC 1 mg/l Fresh water	Daphnia - Daphnia longispina - Neonate	21 days

Persistence and degradability

Product/ingredient name	Aquatic half-life	Photolysis	Biodegradability
3-aminomethyl- 3,5,5-trimethylcyclohexylamine	-	-	Not readily
benzyl alcohol	-	-	Readily

Bioaccumulative potential

Product/ingredient name	LogPow	BCF	Potential
3-aminomethyl- 3,5,5-trimethylcyclohexylamine benzyl alcohol	0.87	- <100	low low
salicylic acid 2,4,6-tris (dimethylaminomethyl)phenol	2.21 to 2.26 0.219	-	low low

Mobility in soil

Soil/water partition coefficient (Koc)

: Not available.

Other adverse effects

: No known significant effects or critical hazards.

Date of issue/Date of revision

Section 13. Disposal considerations

Disposal methods	: 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. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible. 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 rotain some product residuer. Avoid disported of spit material and runoff
	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

	UN	IMDG	ΙΑΤΑ
UN number	UN2735	UN2735	UN2735
UN proper shipping name	Polyamines, liquid, corrosive, n.o.s. (3-aminomethyl- 3,5,5-trimethylcyclohexylamine, 2,4,6-tris(dimethylaminomethyl) phenol)	Polyamines, liquid, corrosive, n.o.s. (3-aminomethyl- 3,5,5-trimethylcyclohexylamine, 2,4,6-tris(dimethylaminomethyl) phenol)	Polyamines, liquid, corrosive, n.o.s. (3-aminomethyl- 3,5,5-trimethylcyclohexylamine, 2,4,6-tris (dimethylaminomethyl)phenol)
Transport hazard class(es)	8	8	8
Packing group	111	111	III
Environmental hazards	No.	No.	No.

Additional information	
ADR/RID	: <u>Hazard identification number</u> 80 <u>Special provisions</u> 274 <u>Tunnel code</u> (E)
IMDG	: <u>Emergency schedules</u> F-A, S-B Segregation Group: 18 - Alkalis
Special precautions for user	: Transport within user's premises: always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in the event of an accident or spillage.

Transport in bulk according to IMO instruments : Not available.

Section 15. Regulatory information

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Toxic classification (TCVN 3164-79)	3					
International regulations						
Chemical Weapon Convention	on List Schedu	iles I, II & III Chemicals				
Not listed.						
Montreal Protocol Not listed.						
Stockholm Convention on P Not listed.	<u>ersistent Orga</u>	<u>nic Pollutants</u>				
Rotterdam Convention on P	rior Informed C	<u>Consent (PIC)</u>				
Date of issue/Date of revision	: 12.12.2024	Date of previous issue	:04.07.2024	Version :	1.04	10/11

Section 15. Regulatory information

Not listed.

UNECE Aarhus Protocol on POPs and Heavy Metals Not listed.

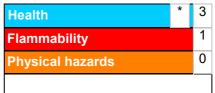
Section 16. Other information

Ratings of danger according to

NFPA



HMIS



<u>History</u>	
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Key to abbreviations	 ATE = Acute Toxicity Estimate BCF = Bioconcentration Factor GHS = Globally Harmonized System of Classification and Labelling of Chemicals HMIS = Hazardous Material Information System (U.S.A.) IATA = International Air Transport Association IBC = Internediate Bulk Container IMDG = International Maritime Dangerous Goods LogPow = logarithm of the octanol/water partition coefficient MARPOL = International Convention for the Prevention of Pollution From Ships, 1973 as modified by the Protocol of 1978. ("Marpol" = marine pollution) N/A = Not available NFPA = National Fire Protection Association (U.S.A.) SGG = Segregation Group UN = United Nations

Procedure used to derive the classification

Classification	Justification
ACUTE TOXICITY (oral) - Category 4	Calculation method
SKIN CORROSION - Category 1B	Calculation method
SERIOUS EYE DAMAGE - Category 1	Calculation method
SKIN SENSITISATION - Category 1	Calculation method
REPRODUCTIVE TOXICITY - Category 2	Calculation method

References

: Not available.

Indicates information that has changed from previously issued version.

Notice to reader

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

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

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