SAFETY DATA SHEET



Jotamastic 87 Standard Comp B

Section 1. Chemical product and company identification

GHS product identifier	: Jotamastic 87 Standard Comp B
Product code	: 527
Other means of identification	: Not available.
Product type	: Liquid.
Product description	: Hardener.

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

Use in coatings - Professional use

Supplier's details		Jotun Kazakhstan LLP Al-Farabi Ave., 15, Nurly-Tau business center, building 4V, 9th floor, premise No. 18-4V-9NP, Almaty, Republic of Kazakhstan
		Tel: +7 (727) 311 56 37 / +7 (727) 311 56 85
		infokz@jotun.com SDSJotun@jotun.com
Emergency telephone number (with hours of operation)	:	112 – Department for emergency situations 101 – Fire department; 103 – Ambulance

Section 2. Hazards identification

Classification of the subst	tance or mixture according to GOST 32419-2013 and GOST 32423/24/25-2013
Classification of the substance or mixture	: ACUTE TOXICITY (oral) - Category 5 SKIN CORROSION/IRRITATION - Category 1A SERIOUS EYE DAMAGE/EYE IRRITATION - Category 1 CHEMICALS THAT CAUSE SENSITIZATION - Chemical which cause skin sensitization
GHS label elements	
Hazard pictograms	
Signal word	: Danger.

Section 2. Hazards identification

Hazard statements	:	H303 - May be harmful if swallowed. H314 - Causes severe skin burns and eye damage. H317 - May cause an allergic skin reaction.
Precautionary statements		· · · · · · · · · · · · · · · · · · ·
General	:	Not applicable.
Prevention	:	P280 - Wear protective gloves, protective clothing and eye or face protection. P260 - Do not breathe vapour or spray.
Response	:	 P310 - Immediately call a POISON CENTER or physician. P301 + P330 + P331 - IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. P303 + P361 + P353 - IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower. P363 - Wash contaminated clothing before reuse. P302 + P352 - IF ON SKIN: Wash with plenty of water. P333 + P311 - If skin irritation or rash occurs: Call a POISON CENTER or physician. P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
Storage	1	Not applicable.
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	%	Identifiers	Classification	Туре
benzyl alcohol	≥10 - ≤25	CAS: 100-51-6	ACUTE TOXICITY (oral) - Category 4 ACUTE TOXICITY (inhalation) - Category 4 SERIOUS EYE DAMAGE/EYE IRRITATION - Category 2A CHEMICALS THAT CAUSE SENSITIZATION - Chemical which cause skin sensitization	[1] [2]
3-aminomethyl- 3,5,5-trimethylcyclohexylamine	≤14	CAS: 2855-13-2	ACUTE TOXICITY (oral) - Category 4 SKIN CORROSION/IRRITATION - Category 1B SERIOUS EYE DAMAGE/EYE IRRITATION - Category 1 CHEMICALS THAT CAUSE SENSITIZATION - Chemical which cause skin sensitization	[1]
2,2,4(or 2,4,4)- trimethylhexane- 1,6-diamine	≤7.3	CAS: 25513-64-8	ACUTE TOXICITY (oral) - Category 4 SKIN CORROSION/IRRITATION - Category 1A SERIOUS EYE DAMAGE/EYE IRRITATION - Category 1 CHEMICALS THAT CAUSE SENSITIZATION - Chemical which cause skin sensitization	[1]

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section.

<u>Type</u>

Section 3. Composition/information on ingredients

[1] Substance classified with a health or environmental hazard[2] Substance with a workplace exposure limit

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

Section 4. First aid measures

Description o	<u>f necessary</u>	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.
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/eff	ects, acute and delayed
Potential acute health 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	: May be harmful if swallowed.
Over-exposure signs/sympto	oms
Eye contact	: Adverse symptoms may include the following: pain watering redness
Inhalation	: No specific data.
Skin contact	: Adverse symptoms may include the following: pain or irritation redness blistering may occur
Ingestion	: Adverse symptoms may include the following: stomach pains

Section 4. First aid measures

Indication of immediate me	lical attention and special treatment needed, if necessary
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.

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 carbonyl halides
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

Personal precautions, protective equipment and emergency procedures

For non-emergency personnel	:	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.
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".
Environmental precautions	:	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).
Methods and material for co	nta	inment and cleaning up
Small spill	:	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.

Section 6. Accidental release measures

Large spill	: 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	L	
Protective measures	:	Put on appropriate personal protective equipment (see Section 8). Persons with a history of skin sensitization problems should not be employed in any process in which this product is used. 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 presents a respiratory hazard, use only with adequate ventilation or wear appropriate respirator. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Empty containers retain product residue and can be hazardous. Do not reuse container.
Advice on general occupational hygiene	:	Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.
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.

See Technical Data Sheet / packaging for further information.

Section 8. Exposure controls/personal protection

Control parameters Occupational exposure limits

Ingredient name	Exposure limits
benzyl alcohol	Order of the Minister of Health of the Republic of Kazakhstan on approval of hygienic standards for atmospheric air in urban and rural settlements, on the territories of industrial organizations dated August 2, 2022 No.DSM -70 (KZ, 8/2022). STEL: 5 mg/m ³ 15 minutes. Form: vapor and (or) gases

Biological exposure indices

No exposure indices known.

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.

Section 8. Exposure controls/personal protection

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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	<u>ires</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 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	 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. Recommended, gloves(breakthrough time) > 8 hours: 4H/Silver Shield® (> 0.07 mm), butyl rubber (> 0.4 mm), fluor rubber (> 0.35 mm), Viton® (> 0.75 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
Body protection	use, as included in the user's risk assessment.
Body protection	 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.
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.

Section 9. Physical and chemical properties and safety characteristics

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

<u>Appearance</u>				
Physical state	:	Liquid.		
Colour	1	Colourless.		
Odour	:	Characteristic.		
Odour threshold	:	Not applicable.		
рН	:	Not applicable.		
Melting point/freezing point	:	Not applicable.		
Boiling point, initial boiling point, and boiling range	:	Lowest known value: 205.3°C (401.5°F) (benzyl alcohol). Weighted average: 224.77°C (436.6°F)		
Flash point	1	Not available.		
Evaporation rate	:	Not available.		
Flammability	:	Not applicable.		
Lower and upper explosion limit/flammability limit	1	1.2 - 13%		
Vapour pressure	1	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)		
Relative vapour density	:	Highest known value: 3.7 (Air = 1) (benzyl alcohol).		
Density	:	1.02 g/cm³		
Solubility(ies)	:			
Media		Result		
cold water		Not soluble		
hot water		Not soluble		
Partition coefficient: n- octanol/water	1	Not available.		
Auto-ignition temperature	:	Not applicable.		
Decomposition temperature	:	Not available.		
Viscosity	:	Kinematic (40°C (104°F)): >20.5 mm²/s (>20.5 cSt)		
Particle characteristics				
Median particle size	:	Not applicable.		

Section 10. Stability and reactivity

Reactivity	: No specific test data related to reactivity available for this product or its ingredients.
Chemical stability	: The product is stable.
Possibility of hazardous reactions	: Under normal conditions of storage and use, hazardous reactions will not occur.
Conditions to avoid	: No specific data.
Incompatible materials	: No specific data.
Hazardous decomposition products	: Under normal conditions of storage and use, hazardous decomposition products should not be produced.

Section 11. Toxicological information

Information on toxicological effects

Acute toxicity

Product/ingredient name	Result		Species	Dose	Exposure	
benzyl alcohol 3-aminomethyl- 3,5,5-trimethylcyclohexylamine	LD50 Oral LD50 Oral		Rat Rat	1230 mg/kg 1030 mg/kg	-	
Date of issue/Date of revision	: 19.11.2024	Date of previous issu		0.2024	Version : 1.01	7/12

Section 11. Toxicological information

Irritation/Corrosion

Product/ingredient name	Result	Species	Score	Exposure	Observation
benzyl alcohol	,	Mammal - species unspecified	-	-	-

Sensitisation

	Route of exposure	Species	Result
3-aminomethyl- 3,5,5-trimethylcyclohexylamine	skin	Mammal - species unspecified	Sensitising
2,2,4(or 2,4,4)- trimethylhexane-1,6-diamine	skin	Mammal - species unspecified	Sensitising

Mutagenicity

Not available.

Carcinogenicity

Not available.

Reproductive toxicity

Not available.

Teratogenicity

Not available.

Specific target organ toxicity (single exposure)

Not available.

Specific target organ toxicity (repeated exposure)

Not available.

Aspiration hazard

Not available.

Information on likely routes of exposure	: Not available.
Potential acute health 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	: May be harmful if swallowed.	

Symptoms related to the physical, chemical and toxicological characteristics

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

Section 11. Toxicological information

Delayed and immediate effect	ts	as well as chronic effects from short and long-term exposure
<u>Short term exposure</u>		
Potential immediate effects	:	Not available.
Potential delayed effects	:	Not available.
<u>Long term exposure</u>		
Potential immediate effects	:	Not available.
Potential delayed effects	:	Not available.
Potential chronic health eff	<u>ect</u>	<u>s</u>
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	:	No known significant effects or critical hazards.

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)
Jotamastic 87 Standard Comp B	2112.0	N/A	N/A	45.3	N/A
benzyl alcohol	1230	N/A	N/A	11	N/A
3-aminomethyl-3,5,5-trimethylcyclohexylamine	1030	N/A	N/A	N/A	N/A
2,2,4(or 2,4,4)-trimethylhexane-1,6-diamine	500	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
2,2,4(or 2,4,4)- trimethylhexane-1,6-diamine	Acute EC50 43.5 mg/l	Aquatic plants	72 hours
	Acute EC50 89 mg/l	Micro-organism	17 hours
	Chronic NOEC 16 mg/l	Algae	72 hours
	Chronic NOEC 1.02 mg/l Chronic NOEC 10.9 mg/l	Daphnia Fish	21 days 34 days

Persistence and degradability

Product/ingredient name	Aquatic half-life	Photolysis	Biodegradability
benzyl alcohol	-	-	Readily
3-aminomethyl-	-	-	Not readily
3,5,5-trimethylcyclohexylamine			
2,2,4(or 2,4,4)-	-	-	Not readily
trimethylhexane-1,6-diamine			

Section 12. Ecological information

Bioaccumulative potential

Product/ingredient name	LogPow	BCF	Potential
benzyl alcohol	0.87	<100	low
3-aminomethyl- 3,5,5-trimethylcyclohexylamine	0.99	-	low
2,2,4(or 2,4,4)- trimethylhexane-1,6-diamine	-0.3	-	low

Mobility in soil

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

Other adverse effects : No known significant effects or critical hazards.

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 retain some product residues. Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers.

Section 14. Transport information

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	ADR/RID	ADN	IMDG	ΙΑΤΑ
UN number	UN2735	UN2735	UN2735	UN2735
UN proper shipping name	Polyamines, liquid, corrosive, n.o.s. (3-aminomethyl- 3,5,5-trimethylcyclohexylamine,	Polyamines, liquid, corrosive, n.o.s. (3-aminomethyl- 3,5,5-trimethylcyclohexylamine,	Polyamines, liquid, corrosive, n.o.s. (3-aminomethyl- 3,5,5-trimethylcyclohexylamine,	Polyamines, liquid, corrosive, n.o.s. (3-aminomethyl- 3,5,5-trimethylcyclohexylamine,
	2,2,4(or 2,4,4)- trimethylhexane- 1,6-diamine)	2,2,4(or 2,4,4)- trimethylhexane- 1,6-diamine)	2,2,4(or 2,4,4)- trimethylhexane- 1,6-diamine)	2,2,4(or 2,4,4)- trimethylhexane- 1,6-diamine)
Transport hazard class(es)	8	8	8	8
Packing group	111	111	111	111
Environmental hazards	No.	No.	No.	No.
Additional information		ntification number 80		

Tunnel code (E)

÷.

IMDG

Emergency schedules F-A, S-B Segregation Group: 18 - Alkalis

Section 14. Transport information

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 : Not available. to IMO instruments

Section 15. Regulatory information

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.

Section 16. Other information

History

matory	
Date of printing	: 19.11.2024
Date of issue/Date of revision	: 19.11.2024
Date of previous issue	: 30.10.2024
Version	: 1.01
Key to abbreviations	 ADN = European Provisions concerning the International Carriage of Dangerous Goods by Inland Waterway ADR = The European Agreement concerning the International Carriage of Dangerous Goods by Road ATE = Acute Toxicity Estimate BCF = Bioconcentration Factor GHS = Globally Harmonized System of Classification and Labelling of Chemicals GOST = Gosudarstvennyy standart IATA = International Air Transport Association IBC = Intermediate 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 RID = The Regulations concerning the International Carriage of Dangerous Goods by Rail SGG = Segregation Group UN = United Nations

Procedure used to derive the classification

Classification	Justification
ACUTE TOXICITY (oral) - Category 5 SKIN CORROSION/IRRITATION - Category 1A SERIOUS EYE DAMAGE/EYE IRRITATION - Category 1 CHEMICALS THAT CAUSE SENSITIZATION - Chemical which cause skin sensitization	Calculation method Calculation method Calculation method Calculation method

Date of issue/Date of revision

Section 16. Other information

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.