

## Jotashield AF SG

Section 1. Identification		
GHS product identifier	: Jotashield AF SG	
Other means of identification	: Not available.	
Product code	: 40983	
Product description	: Waterborne paint.	
Product type	: Liquid.	
Relevant identified uses of the substance or mixture and uses advised against		

Identified uses Use in coatings - Consumer use: Apply this product only as specified on the label.		
Manufacturing country	: Jotun Thailand Limited 700/353 Amata Nakorn Industrial Estate (BIP 2) Moo 6, Tumbol Donhualoh, Amphur Muang Chonburi Chonburi 20000 Thailand	

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		Phone: + 66 2 022 9888 ext. 2100, 2400, 2402

# Section 2. Hazards identification

Classification of the substance or mixture	: SKIN SENSITISATION - Category 1A SHORT-TERM (ACUTE) AQUATIC HAZARD - Category 2 LONG-TERM (CHRONIC) AQUATIC HAZARD - Category 3
GHS label elements	
Hazard pictograms	
Signal word	: Warning.
Hazard statements	<ul> <li>H317 - May cause an allergic skin reaction.</li> <li>H401 - Toxic to aquatic life.</li> <li>H412 - Harmful to aquatic life with long lasting effects.</li> </ul>
Precautionary statements	
General	: P102 - Keep out of reach of children.
Prevention	: P280 - Wear protective gloves. P273 - Avoid release to the environment. P261 - Avoid breathing vapour.
Response	<ul> <li>P363 - Wash contaminated clothing before reuse.</li> <li>P302 + P352 - IF ON SKIN: Wash with plenty of water.</li> <li>P333 + P313 - If skin irritation or rash occurs: Get medical advice or attention.</li> </ul>
Storage	: Not applicable.

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### Section 2. Hazards identification

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: 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 identification	: Not available	e.

CAS number/other identifiers		
CAS number	:	Not applicable.
EC number	1	Mixture.
Product code	1	40983
Ingradiant name		

Ingredient name	%	CAS number
diuron (encapsulated)	≤0.3	330-54-1
ammonia	≤0.22	1336-21-6
benzophenone	≤0.3	119-61-9
diuron	≤0.028	330-54-1
zinc pyrithione	≤0.022	13463-41-7
2-octyl-2h-isothiazol-3-one (OIT)	≤0.011	26530-20-1
C(M)IT/MIT (3:1)	<0.003	55965-84-9

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 firs	t aid measures
Eye contact	: 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. Get medical attention if irritation occurs.
Inhalation	: Remove victim to fresh air and keep at rest in a position comfortable for breathing. 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. Get medical attention if adverse health effects persist or are severe. 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.
Skin contact	: 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. Get medical attention. In the event of any complaints or symptoms, avoid further exposure. Wash clothing before reuse. Clean shoes thoroughly before reuse.
Ingestion	: 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. Get medical attention if adverse health effects persist or are severe. 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

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# Section 4. First aid measures

Potential acute health effects		
Eye contact	1	No known significant effects or critical hazards.
Inhalation	1	No known significant effects or critical hazards.
Skin contact	:	May cause an allergic skin reaction.
Ingestion	:	No known significant effects or critical hazards.
Over-exposure signs/sympton	<u>ns</u>	
Eye contact	1	No specific data.
Inhalation	:	No specific data.
Skin contact	:	Adverse symptoms may include the following: irritation redness
Ingestion	:	No specific data.
Indication of immediate medica	<u>al a</u>	ttention and special treatment needed, if necessary
Notes to physician	:	Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
Specific treatments	:	No specific treatment.
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.

See toxicological information (Section 11)

ing measures
: Use an extinguishing agent suitable for the surrounding fire.
: None known.
: In a fire or if heated, a pressure increase will occur and the container may burst. This material is toxic to aquatic life. This material is harmful to aquatic life with long lasting effects. Fire water contaminated with this material must be contained and prevented from being discharged to any waterway, sewer or drain.
: Decomposition products may include the following materials: carbon dioxide carbon monoxide metal oxide/oxides
: 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.
<ul> <li>Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.</li> </ul>

### ection 0. Accidental release measures

For non-emergency personnel	<ul> <li>ve equipment and emergency procedures</li> <li>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. Avoid breathing vapour or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation</li> </ul>	r
For emergency responders	<ul> <li>inadequate. Put on appropriate personal protective equipment.</li> <li>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".</li> </ul>	
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### Section 6. Accidental release measures

Environmental precautions	:	: Avoid dispersal of spilt material and runoff and contact with soil, waterways, drain and sewers. Inform the relevant authorities if the product has caused environmer pollution (sewers, waterways, soil or air). Water polluting material. May be harm to the environment if released in large quantities.	
Methods and material for cont	tainn	nent 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.	
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

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Precautions for safe handling		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. 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 limits

Ingredient name	Exposure limits		
ammonia diuron (ISO); 3-(3,4-dichloro	[ammonia] TWA: 50 ppm 8 h	(Thailand, 8/2017).	
Recommended monitoring procedures	Reference should be made to appropriate monitoring standards. Reference to national guidance documents for methods for the determination of hazardous substances will also be required.		
Appropriate engineering controls	Good general ventilation should be sufficient to control wo contaminants.	rker exposure to airborne	
Environmental exposure controls	Emissions from ventilation or work process equipment sho they comply with the requirements of environmental protec cases, fume scrubbers, filters or engineering modifications equipment will be necessary to reduce emissions to accept	ction legislation. In some s to the process	

#### Individual protection measures

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# Section 8. Exposure controls/personal protection

Hyglene measures         : Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoling 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 work clothing should not be allowed out of the workplace. Wash contaminated clothing, the workstation flocation.           Eye/face protection         : Safety eyewear complying to ISO 16321-1:2022 should be used when a risk assessment indicates this in accessary 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         : 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 in accessary. 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 break through fir 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.           There is no one glove material or combination of materials that will give unlimited organic. The breakthrough time ny glove default and used correctly.           Gloves should be replaced regularly and if there is any sign of damage to the glove material.           Advays ensure that gloves are free from defects and that they are stored and used correctly.		
Body protection       assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases or dusts. If contact is possible, the following protection safety glasses with side-shields.         Skin protection       I Chemical-resistant, impervious gloves complying with an approved standard should be worn, and 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 for any glove scannot be accurately estimated.         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 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) > 8 hours: nitrile rubber (> 0.4 mm), neoprene (> 0.35 mm).       Recommended, gloves(breakthrough time) > 8 hours: nitrile rubber (> 0.4 mm), neoprene (> 0.25 mm).         Body protection       : Personal protective equipment for the	Hygiene measures	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
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.         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 (breakthrough time) > 8 hours: nitrile rubber (> 0.4 mm), neoprene (> 0.35 mm), PVC (> 0.5 mm)         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.         Respiratory protection	Eye/face protection	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
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.         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 glove material.         All ways ensure that gloves are file replacement must be followed.         Gloves should be replaced regularly and if there is any sign of damage to the glove material.         Allways 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) > 8 hours: intrile rubber (> 0.4 mm), neoprene (> 0.35 mm), PVC (> 0.5 mm)         Body protection       :         Personal protective equipment for the body should be approved by a specialist before handling this product.         Respiratory protection       :         Personal protective equipment for the body should be appr	Skin protection	
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		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

# Section 9. Physical and chemical properties

<u>Appearance</u>	
Physical state	: Liquid.
Colour	: Various
Odour	: Characteristic.
Odour threshold	: Not available.
рН	: 8.5-9.5
Melting point	: 0
Boiling point	: Lowest known value: 100°C (212°F) (water). Weighted average: 110.49°C (230.9°F)
Flash point	: Not available.
Burning time	: Not applicable.
Burning rate	: Not applicable.
Evaporation rate	: 0.36 (water) compared with butyl acetate
Flammability (solid, gas)	: Not applicable.
Lower and upper explosive (flammable) limits	: 0.6 - 4.2%
Vapour pressure	: Highest known value: 2.3 kPa (17.5 mm Hg) (at 20°C) (water). Weighted average: 2.15 kPa (16.13 mm Hg) (at 20°C)
Vapour density	<ul> <li>Highest known value: 7.5 (Air = 1) (propanoic acid, 2-methyl-, monoester with 2,2,4-trimethyl-1,3-pentanediol).</li> </ul>
Relative density	: 1.08 to 1.21 g/cm <sup>3</sup>
Solubility	: Easily soluble in the following materials: cold water and hot water.
Partition coefficient: n-octanol/ water	: Not available.
Auto-ignition temperature	: Not applicable.
Decomposition temperature	: Not available.
SADT	: Not available.
Viscosity	: Kinematic (40°C): >20.5 mm²/s (>20.5 cSt)
Aerosol product	

# 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	<ul> <li>Keep away from the following materials to prevent strong exothermic reactions: oxidising agents, strong alkalis, strong acids.</li> </ul>
Hazardous decomposition products	<ul> <li>Under normal conditions of storage and use, hazardous decomposition products should not be produced.</li> </ul>

# Section 11. Toxicological information

Information on toxicological effects Acute toxicity

# Section 11. Toxicological information

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Product/ingredient name	Result	Species	Dose	Exposure
ammonia	LD50 Oral	Rat	350 mg/kg	-
benzophenone	LD50 Dermal	Rabbit	3535 mg/kg	-
	LD50 Oral	Rat	>10 g/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	-
2-octyl-2h-isothiazol-3-one	LD50 Dermal	Rabbit	690 mg/kg	-
(OIT)				
	LD50 Dermal	Rabbit	690 mg/kg	-
	LD50 Oral	Rat	550 mg/kg	-
C(M)IT/MIT (3:1)	LD50 Oral	Rat	53 mg/kg	-

Irritation/Corrosion

Product/ingredient name	Result	Species	Score	Exposure	Observation
ammonia	Eyes - Severe irritant	Rabbit	-	0.5 minutes 1 milligrams	-
	Eyes - Severe irritant	Rabbit	-	250 Micrograms	-
zinc pyrithione	Eyes - Irritant	Mammal - species unspecified	-	-	-

#### **Sensitisation**

Product/ingredient name	Route of exposure	Species	Result
2-octyl-2h-isothiazol-3-one (OIT)	skin	Mammal - species unspecified	Sensitising
Č(M)IT/MIT (3:1)	skin	Mammal - species unspecified	Sensitising

#### **Mutagenicity**

Not available.

#### **Carcinogenicity**

Not available.

#### Reproductive toxicity

Not available.

#### **Teratogenicity**

Not available.

#### Specific target organ toxicity (single exposure)

Name	Category	Route of exposure	Target organs
ammonia	Category 3	-	Respiratory tract irritation

#### Specific target organ toxicity (repeated exposure)

Name	Category	Route of exposure	Target organs
diuron (encapsulated)	Category 2	-	-
diuron (ISO); 3-(3,4-dichlorophenyl)-1,1-dimethylurea	Category 2	-	-
zinc pyrithione	Category 1	-	-

#### Aspiration hazard

Not available.

#### Potential acute health effects

Eye contact	: No known significant effects or critical hazards.
Inhalation	: No known significant effects or critical hazards.
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# Section 11. Toxicological information

Skin contact	: May cause an allergic skin reaction.
Ingestion	: No known significant effects or critical hazards.
Symptoms related to the ph	nysical, chemical and toxicological characteristics
Inhalation	: No specific data.
Ingestion	: No specific data.
Skin contact	: Adverse symptoms may include the following: irritation redness
Eye contact	: No specific data.
Potential chronic health ef	ffects
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.
Teratogenicity	: No known significant effects or critical hazards.
Developmental effects	: No known significant effects or critical hazards.
Fertility effects	: No known significant effects or critical hazards.

#### Numerical measures of toxicity

Acute toxicity estimates

Not available.

# Section 12. Ecological information

<u>Toxicity</u>			
Product/ingredient name	Result	Species	Exposure
ammonia	Acute EC50 0.101 mg/l Fresh water	Daphnia	96 hours
	Acute LC50 0.89 mg/l Fresh water	Fish	96 hours
benzophenone	Acute LC50 10 mg/l Fresh water	Fish - Pimephales promelas - Larvae	96 hours
diuron (ISO); 3- (3,4-dichlorophenyl) -1,1-dimethylurea	Acute EC50 0.022 mg/l	Algae	72 hours
.,	Acute EC50 1.4 mg/l	Daphnia	48 hours
	Acute LC50 14.7 mg/l	Fish	96 hours
	Chronic NOEC 0.0032 mg/l	Algae	96 hours
	Chronic NOEC 0.56 mg/l	Daphnia	21 days
	Chronic NOEC 0.41 mg/l	Fish	28 days
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
2-octyl-2h-isothiazol-3-one (OIT)	Acute EC50 0.084 mg/l	Algae - Scenedesmus subspicatus	72 hours
	Acute EC50 0.32 mg/l	Daphnia	48 hours
	Acute LC50 0.047 mg/l	Fish	96 hours
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
	Acute LC50 0.22 mg/l	Fish - Oncorhynchus mykiss	96 hours
	Acute NOEC 0.00064 mg/l	Algae - Skeletonema costatum	48 hours
	Chronic NOEC 0.0012 mg/l	Algae - Pseudokirchneriella subcapitata	72 hours
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Section 12. Ecologi	ical information		
	Chronic NOEC 0.004 mg/l Chronic NOEC 0.098 mg/l	Daphnia - Daphnia magna Fish - Oncorhynchus mykiss	21 days 28 days

#### Persistence and degradability

Product/ingredient name	Aquatic half-life	Photolysis	Biodegradability
ammonia diuron (ISO); 3- (3,4-dichlorophenyl) -1,1-dimethylurea C(M)IT/MIT (3:1)	-	-	Readily Not readily Not readily

#### **Bioaccumulative potential**

Product/ingredient name	LogPow	BCF	Potential
ammonia benzophenone diuron (ISO); 3- (3,4-dichlorophenyl) -1,1-dimethylurea	<1 3.18 2.84	- 12.02 5.2	low low low
zinc pyrithione 2-octyl-2h-isothiazol-3-one (OIT) C(M)IT/MIT (3:1)	0.9 2.45 -	11 - 3.16	low low

#### Mobility in soil

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.

	UN	IMDG	IATA
UN number	Not regulated.	Not regulated.	Not regulated.
UN proper shipping name	-	-	-
Transport hazard class(es)	-	-	-
Packing group	-	-	-

## Section 14. Transport information

Environmental hazards	No.	No.	No.
Special precautions for user	<b>Transport within user's</b> <b>premises:</b> 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.	<b>Transport within user's</b> <b>premises:</b> 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.	<b>Transport within user's</b> <b>premises:</b> 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.
Additional information	-	-	-

Transport in bulk according to : Not available. IMO instruments

ADR / RID

# Section 15. Regulatory information

Hazardous Substance Act B.E. 2535 (1992)			
<u>Type</u>			
Ingredient name diuron	<u>Туре</u> 3	Authority Department of Agriculture	<u>Conditions</u> Except the part on responsibility of Department of Industrial Works
diuron	3	Department of Industrial Works	Except the part on responsibility of Department of Agriculture

No known specific national and/or regional regulations applicable to this product (including its ingredients).

# Section 16. Other information

History		
Date of printing	:	11.09.2023
Date of issue/Date of revision	1	11.09.2023
Date of previous issue	:	07.09.2023
Version	:	1.17
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 IATA = International Air Transport Association IBC = International Air Transport Association IBC = International Maritime Dangerous Goods MARPOL = International Convention for the Prevention of Pollution From Ships, 1973 as modified by the Protocol of 1978. ("Marpol" = marine pollution) RID = The Regulations concerning the International Carriage of Dangerous Goods by Rail UN = United Nations
References		LogPow = logarithm of the octanol/water partition coefficient Not available.
Indicates information that has changed from previously issued version.		
Notice to reader		

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### 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.