

SAFETY DATA SHEET

FR2-55 SEMI-GLOSS BASE GREY AFNOR 2640

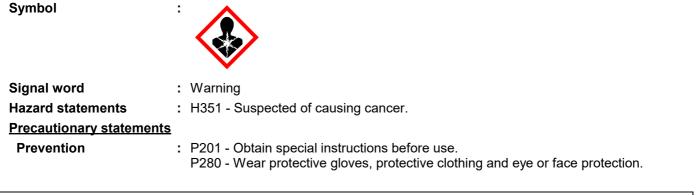
In accordance with the Standard for Classification and Labeling of Chemical Substance and Safety Data Sheet, Article 10 Paragraph 1

Section 1. Chemic	cal product and company identification
A. Product name SDS code	: FR2-55 SEMI-GLOSS BASE GREY AFNOR 2640 : 55962640B
B. <u>Relevant identified uses</u>	of the substance or mixture and uses advised against
	Identified uses
Waterborne paint. Profession	al use Industrial use
	Uses advised against
All other uses	
Product use	: Waterborne coating for interior use.
C. Supplier's details	
MAPAERO SAS 10, Avenue de la Rij 09103 PAMIERS Ce France	
e-mail address of person responsible for this SDS	: PSRA_PAMIERS@akzonobel.com
Emergency telephone number (with hours of	: +33 (0)5 34 01 34 01 +33 (0)5 61 60 23 30

Section 2. Hazards identification

A. Hazard classification	: CARCINOGENICITY - Category 2
	This product is classified in accordance with the Industrial Safety and Health Act and the Chemical Control Act.

B. GHS label elements, including precautionary statements



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Section 2. Hazards identification

Response	: P308 + P313 - IF exposed or concerned: Get medical advice or attention.
Storage	: Not applicable.
Disposal	 P501 - Dispose of contents and container in accordance with all local, regional, national and international regulations.

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

Section 3. Composition/information on ingredients

Substance/mixture

: Mixture

Ingredient name	Identifiers	%
titanium dioxide	CAS: 13463-67-7	≥20 - <25
silicon dioxide	CAS: 7631-86-9	<10
Talc , not containing asbestiform fibres	CAS: 14807-96-6	<10
aluminium hydroxide	CAS: 21645-51-2	≥1 - <5
2-butoxyethanol	CAS: 111-76-2	≥0.1 - <5
C(M)IT/MIT(3:1)	CAS: 55965-84-9	<10
ammonia, anhydrous	CAS: 7664-41-7	<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.

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

Section 4. First aid measures

Α.	Eye contact	:	Immediately flush eyes with plenty of wa eyelids. Check for and remove any con minutes. Get medical attention.		
В.	Skin contact	:	Flush contaminated skin with plenty of v shoes. Continue to rinse for at least 10 clothing before reuse. Clean shoes tho	minutes. Get medical atten	
C.	Inhalation	:	Remove victim to fresh air and keep at If not breathing, if breathing is irregular artificial respiration or oxygen by trained person providing aid to give mouth-to-m unconscious, place in recovery position Maintain an open airway. Loosen tight of waistband.	or if respiratory arrest occurs personnel. It may be dange nouth resuscitation. Get med and get medical attention im	s, provide erous to the dical attention. If nmediately.
D.	Ingestion	:	Wash out mouth with water. Remove d and keep at rest in a position comfortab swallowed and the exposed person is c drink. Stop if the exposed person feels induce vomiting unless directed to do so the head should be kept low so that von attention. Never give anything by mouth place in recovery position and get medic airway. Loosen tight clothing such as a	ble for breathing. If material l onscious, give small quantiti sick as vomiting may be dar o by medical personnel. If von nit does not enter the lungs. h to an unconscious person. cal attention immediately. M	has been es of water to ngerous. Do not omiting occurs, Get medical If unconscious, laintain an open
Е.	Notes to physician	:	Treat symptomatically. Contact poison quantities have been ingested or inhale		ately if large
	Specific treatments	:	No specific treatment.		
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Section 4. First aid measures

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.

See toxicological information (Section 11)

Section 5. Fire-fighting measures

	•		•
A.	Extinguishing media		
	Suitable extinguishing media	:	Use an extinguishing agent suitable for the surrounding fire.
	Unsuitable extinguishing media	:	None known.
В.	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 halogenated compounds metal oxide/oxides
C.	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.
	Special precautions 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.

Section 6. Accidental release measures

A. Personal precautions, protective 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 spilled material. Avoid breathing vapor or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment.
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B. Environmental precautions
 Avoid dispersal of spilled 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).

C. Methods and materials for containment 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 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 spilled product. Note: see Section 1 for emergency contact information and Section 13 for waste disposal.



Section 7. Handling and storage

Α.	Precautions for safe handling		
	Protective measures	: Put on appropriate personal protective equipment (see Section 8). Avoid exposure - obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Do not get in eyes or on skin or clothing. Do not ingest. Avoid breathing vapor or mist. 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.	
B.	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 unlabeled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use.	

Section 8. Exposure controls/personal protection

A. Control parameters

Occupational exposure limits

Ingredient name	Exposure limits
intanium dioxide	Ministry of Employment and Labor
	(Republic of Korea, 1/2020).
	TWA: 10 mg/m ³ 8 hours. Form: total dust
	with less than 1% of free SiO2
2-butoxyethanol	Ministry of Employment and Labor
	(Republic of Korea, 1/2020). Absorbed
	through skin.
	TWA: 20 ppm 8 hours.
C(M)IT/MIT(3:1)	Ministry of Employment and Labor
	(Republic of Korea, 1/2020).
	TWA: 0.1 mg/m ³ 8 hours. Form: inhalable
	fraction
ammonia, anhydrous	Ministry of Employment and Labor
	(Republic of Korea, 1/2020).
	STEL: 35 ppm 15 minutes.
	TWA: 25 ppm 8 hours.

В.	Appropriate engineering controls	:	If user operations generate dust, fumes, gas, vapor 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.

C. Personal protective equipment

Section 8. Exposure controls/personal protection

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Respiratory protection	: 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.
Eye protection	: Safety eyewear complying with an approved standard 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.
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.
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.
Hygiene measures	: Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.

Section 9. Physical and chemical properties

A Appearance Physical state : Liquid. Color : Gray. B. Odor : Characteristic. C. Odor threshold : Not available. D. pH : 8 E. Melting/freezing point : Not available. F. Boiling point/boiling range : Not available. G. Flash point : Closed cup: 105°C (221°F) Fire point : Not available. H. Evaporation rate : Not available. J. Evaporation rate : Not available. J. Lower and upper explosive (flammable) : Not available. Imits : Not available. : Not available. K. Vapor pressure : Not available. J. Lower and upper explosive (flammable) : Not available. Imits : Not available. : Not available. K. Vapor pressure : Not available. Solubility in water : Not available. Solubility in water : Not available. M. Vapor density : Not available. M. Vapor dens		-		
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octanol/water P. Auto-ignition : Not available.		•		•
•	0.		•	
	Ρ.	Auto-ignition	:	Not available.



Section 9. Physical and chemical properties

	omposition : perature	: Not available.
R. Viso	cosity	: Kinematic (room temperature): 3.96 cm ² /s (396 cSt) Kinematic (40°C (104°F)): 2.01 cm ² /s (201 cSt)
Flov	w time (ISO 2431)	: Not available.
S. Mol	ecular weight	: Not applicable.

Section 10. Stability and reactivity A. Chemical stability : The product is stable.

	Possibility of hazardous reactions	: Under normal conditions of storage and use, hazardous reactions will not occur.
В.	Conditions to avoid	: No specific data.

C. Incompatible materials : No specific data.

D. Hazardous decomposition products : Under normal conditions of storage and use, hazardous decomposition products should not be produced.

Section 11. Toxicological information

A. Information on the likely : Not available. routes of exposure

Potential acute health effects

Inhalation	: No known significant effects or critical hazards.
Ingestion	: No known significant effects or critical hazards.
Skin contact	: No known significant effects or critical hazards.
Eye contact	: No known significant effects or critical hazards.
Over-exposure signs	s/symptoms
Inhalation	: No specific data.
Ingestion	: No specific data.
Skin contact	: No specific data.

Eye contact : No specific data.

B. Health hazards

Acute toxicity

Product/ingredient name	Result	Species	Dose	Exposure
2-butoxyethanol	LC50 Inhalation Gas.	Mouse	700 ppm	7 hours
	LC50 Inhalation Gas.	Rat	450 ppm	4 hours
	LC50 Inhalation Vapor	Mouse	3380 mg/m ³	7 hours
	LC50 Inhalation Vapor	Rat	2900 mg/m ³	7 hours
	LD50 Dermal	Guinea pig	230 uL/kg	-
	LD50 Dermal	Rabbit	220 mg/kg	-
	LD50 Intraperitoneal	Mouse	536 mg/kg	-
	LD50 Intraperitoneal	Rabbit	220 mg/kg	-
	LD50 Intraperitoneal	Rat	220 mg/kg	-
	LD50 Intravenous	Mouse	1130 mg/kg	-
	LD50 Intravenous	Rabbit	252 mg/kg	-
	LD50 Intravenous	Rat	307 mg/kg	-
	LD50 Oral	Guinea pig	1200 mg/kg	-
	LD50 Oral	Mouse	1230 mg/kg	-
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Section 11. Toxicological information

	logical mormation			
	LD50 Oral	Mouse	1167 mg/kg	-
	LD50 Oral	Rabbit	300 mg/kg	-
	LD50 Oral	Rabbit	320 mg/kg	-
	LD50 Oral	Rat	917 mg/kg	-
	LD50 Oral	Rat	250 mg/kg	-
	LD50 Route of exposure	Mouse	1050 mg/kg	-
	unreported			
	LD50 Route of exposure	Rat	917 mg/kg	-
	unreported			
ammonia, anhydrous	LC50 Inhalation Gas.	Mouse	4230 ppm	1 hours
	LC50 Inhalation Gas.	Mouse	4500 ppm	1 hours
	LC50 Inhalation Gas.	Mouse	21430 ppm	30 minutes
	LC50 Inhalation Gas.	Rat	9500 ppm	1 hours
	LC50 Inhalation Gas.	Rat	17401 ppm	15 minutes
	LC50 Inhalation Gas.	Rat	2000 ppm	4 hours
	LC50 Inhalation Vapor	Mouse	4600 mg/m ³	2 hours
	LC50 Inhalation Vapor	Rabbit	7 g/m³	1 hours
	LC50 Inhalation Vapor	Rat	7040 mg/m ³	30 minutes
	LC50 Inhalation Vapor	Rat	4673 mg/kg	4 hours
	LC50 Inhalation Vapor	Rat	4673 mg/kg	4 hours
	LC50 Inhalation Vapor	Rat	18600 mg/m³	5 minutes

Irritation/Corrosion

Product/ingredient name	Result	Species	Score	Exposure	Observation
sílicon dioxide	Eyes - Mild irritant	Rabbit	-	24 hours 25	-
2-butoxyethanol	Eyes - Moderate irritant	Rabbit	-	mg 24 hours 100 mg	-
	Eyes - Severe irritant	Rabbit	-	100 mg	-
	Skin - Mild irritant	Rabbit	-	500 mg	-

Sensitization

Not available.

CMR - ISHA Article 42 Occupational Exposure Limits

Product/ingredient name	Identifiers	Classification
Ifanium dioxide 2-butoxyethanol		CARCINOGENICITY - Category 2 CARCINOGENICITY - Category 2

Mutagenicity

Not available.

Carcinogenicity

Not available.

Classification

Product/ingredient name	OSHA	IARC	NTP	ACGIH
Manium dioxide silicon dioxide	-	2B 3	-	A4 -
Talc , not containing	-	3	-	- A4
asbestiform fibres aluminium hydroxide	-		-	A4
2-butoxyethanol	-	3	-	A3

Reproductive toxicity

Not available.

Teratogenicity

Not available.

Specific target organ toxicity (single exposure)

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Section 11. Toxicological information

Not available.

Specific target organ toxicity (repeated exposure)

Not available.

Aspiration hazard

Not available.

Potential chronic health effects

Chronic toxicity

Not available.

General Carcinogenicity	 No known significant effects or critical hazards. Suspected of causing cancer. Risk of cancer depends on duration and level of exposure.
Mutagenicity Reproductive toxicity	 No known significant effects or critical hazards. No known significant effects or critical hazards.

Section 12. Ecological information

A. Ecotoxicity

Product/ingredient name	Result	Species	Exposur
titanium dioxide	Acute EC50 19.3 mg/l Fresh water	Daphnia - Daphnia magna	48 hours
	Acute EC50 27.8 mg/l Fresh water	Daphnia - Daphnia magna	48 hours
	Acute EC50 35.306 mg/l Fresh water	Daphnia - Daphnia magna - Neonate	48 hours
	Acute LC50 3 mg/l Fresh water	Crustaceans - Ceriodaphnia dubia - Neonate	48 hours
	Acute LC50 13.4 mg/l Fresh water	Crustaceans - Ceriodaphnia dubia - Neonate	48 hours
	Acute LC50 11 mg/l Fresh water	Crustaceans - Ceriodaphnia dubia - Neonate	48 hours
	Acute LC50 3.6 mg/l Fresh water	Crustaceans - Ceriodaphnia dubia - Neonate	48 hours
	Acute LC50 15.9 mg/l Fresh water	Crustaceans - Ceriodaphnia dubia - Neonate	48 hours
	Acute LC50 6.5 mg/l Fresh water	Daphnia - Daphnia pulex - Neonate	48 hours
	Acute LC50 13 mg/l Fresh water	Daphnia - Daphnia pulex - Neonate	48 hours
	Acute LC50 >1000 mg/l Fresh water	Fish - Pimephales promelas	96 hours
	Acute LC50 >1000000 μg/l Marine water	Fish - Fundulus heteroclitus	96 hours
2-butoxyethanol	Acute EC50 >1000 mg/l Fresh water	Daphnia - Daphnia magna	48 hours
	Acute LC50 800000 µg/l Marine water	Crustaceans - Crangon crangon	48 hours
	Acute LC50 1490000 µg/l Fresh water	Fish - Lepomis macrochirus	96 hours
	Acute LC50 1250000 µg/l Marine water	Fish - Menidia beryllina	96 hours
ammonia, anhydrous	Acute EC50 29.2 mg/l Marine water	Algae - Ulva fasciata - Zoea	96 hours
	Acute LC50 2500 µg/l Fresh water	Crustaceans - Asellus aquaticus	48 hours
	Acute LC50 4980 μg/l Marine water	Crustaceans - Penaeus japonicus - Nauplii	48 hours
	Acute LC50 5210 μg/l Marine water	Crustaceans - Fenneropenaeus penicillatus -	48 hours
	Acute LC50 2080 µg/l Fresh water	Zoea Crustaceans - Gammarus pulex	48 hours
of issue/Date of revision	: 21-10-2022	Version : 1.02	
of previous issue	: 6-10-2022	8/12	kzoNob

Section 12. Ecological information

Acute LC50 2710 µg/l Fresh water	Crustaceans - Ceriodaphnia reticulata	48 hours
Acute LC50 0.53 ppm Fresh water	Daphnia - Daphnia magna	48 hours
Acute LC50 25400 µg/l Fresh water	Daphnia - Daphnia magna	48 hours
Acute LC50 4180 µg/l Fresh water	Daphnia - Daphnia magna	48 hours
Acute LC50 4130 µg/l Fresh water	Daphnia - Daphnia pulex	48 hours
Acute LC50 300 µg/l Fresh water	Fish - Hypophthalmichthys	96 hours
Acute LC50 450 µg/l Fresh water	Fish - Oncorhynchus tshawytscha - Underyearling	96 hours
Acute LC50 380 µg/l Fresh water	Fish - Hypophthalmichthys	96 hours
Acute LC50 660 µg/l Fresh water	Fish - Cyprinus carpio	96 hours
Acute LC50 440 µg/l Fresh water	Fish - Cyprinus carpio	96 hours
Chronic NOEC 550 µg/l Fresh water	Fish - Rutilus rutilus - Embryo	31 days
Chronic NOEC 0.204 mg/l Marine	Fish - Dicentrarchus labrax	62 days
water		

B. Persistence and degradability

Not available.

C. Bioaccumulative potential

Product/ingredient name	LogPow	BCF	Potential	
2-butoxyethanol	0.81	-	low	

D. Mobility in soil

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

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

Section 13. Disposal considerations

Α.	Disposal methods	: The generation of waste should be avoided or minimized 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.
В.	Disposal 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 spilled material and runoff and contact with soil, waterways, drains and sewers.

Section 14. Transport information

Date of issue/Date of revision
Date of previous issue



Section 14. Transport information

	UN	IMDG	ΙΑΤΑ
A. UN number	Not regulated.	Not regulated.	Not regulated.
B. UN proper shipping name	-	-	-
C. Transport hazard class(es)	-	-	-
D. Packing group	-	-	-
E. Environmental hazards	No.	No.	No.

F. 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

Α.	Regulation according to I	SH	<u>A</u>
	ISHA article 117 (Harmful substances prohibited from manufacture)	:	None of the components are listed.
	ISHA article 118 (Harmful substances requiring permission)	:	None of the components are listed.
	Article 2 of Youth Protection Act on Substances Hazardous to Youth	:	Not applicable.
	Exposure Limits of Chem	ica	Il Substances and Physical Factors
	The following components Manium dioxide 2-butoxyethanol C(M)IT/MIT(3:1) ammonia, anhydrous	i ha	ave an OEL:
	ISHA Enforcement Regs Annex 19 (Exposure standards established for harmful factors)	:	The following components are listed: ammonia
	ISHA Enforcement Regs Annex 21 (Harmful factors subject to Work Environment Measurement)	:	The following components are listed: titanium dioxide, aluminum and its compounds, talc; soapstone, silica



Section 15. Regulatory information

	ISHA Enforcement Regs Annex 22 (Harmful Factors Subject to Special Health Check- up)	:	The following components are listed: Aluminum and its compounds
	Standard of Industrial Safety and Health Annex 12 (Hazardous substances subject to control)	:	The following components are listed: titanium dioxide, aluminum and its compounds
В.	Regulation according to 0	h	emicals Control Act
	CCA Article 11 (TRI)	:	The following components are listed: Aluminium and its compounds
	CCA Article 18 Prohibited (K-Reach Article 27)	:	None of the components are listed.
	CCA Article 19 Subject to authorization (K- Reach Article 25)	:	None of the components are listed.
	CCA Article 20 Toxic Chemicals (K-Reach Article 20)	:	Not applicable
	CCA Article 20 Restricted (K-Reach Article 27)	:	None of the components are listed.
	CCA Article 39 (Accident Precaution Chemicals)	:	None of the components are listed.
	Existing Chemical Substances Subject to Registration	:	The following components are listed: Quartz, 5-Chloro-2-methyl-3(2H)-isothiazolone, mixt. With 2-methyl-3(2H)-isothiazolone, Ammonia
C.	Dangerous Materials Safety Management Act	:	Class: Specified flammables Item: Combustible liquid Threshold: 2 m ³ Danger category: Not applicable Signal word: Not applicable
D.	Wastes regulation	:	Dispose of contents and container in accordance with all local, regional, national and international regulations.
Е.	Regulation according to c	oth	<u>er foreign laws</u>
	International regulations		
	Chemical Weapon Conve Not listed.	<u>en</u>	tion List Schedules I, II & III Chemicals
	Montreal Protocol Not listed.		
	Stockholm Convention of Not listed.	<u>on</u>	Persistent Organic Pollutants
	Rotterdam Convention of Not listed.	n	Prior Informed Consent (PIC)
	UNECE Aarhus Protocol Not listed.	01	n POPs and Heavy Metals



Section 16. Other information

A. References	: Not available.
B. Date of issue/Date of revision	: 21 October 2022
C. Version	: 1.02
Unique ID	:
Date of printing	: 31 October 2022

D. Other

Indicates information that has changed from previously issued version.

Key to abbreviations	: ATE = Acute Toxicity Estimate BCF = Bioconcentration Factor GHS = Globally Harmonized System of Classification and Labelling of Chemicals 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 SGG = Segregation Group UN = United Nations
Madda Astronomica	

Notice to reader

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IMPORTANT NOTE The information in this data sheet is not intended to be exhaustive and is based on the present state of our knowledge and on current laws: any person using the product for any purpose other than that specifically recommended in the technical data sheet without first obtaining written confirmation from us as to the suitability of the product for the intended purpose does so at his own risk. It is always the responsibility of the user to take all necessary steps to fulfill the demands set out in the local rules and legislation. Always read the Material Data Sheet and the Technical Data Sheet for this product if available. All advice we give or any statement made about the product by us (whether in this data sheet or otherwise) is correct to the best of our knowledge but we have no control over the quality or the condition of the substrate or the many factors affecting the use and application of the product. Therefore, unless we specifically agree in writing otherwise, we do not accept any liability whatsoever for the performance of the product or for any loss or damage arising out of the use of the product. All products supplied and technical advice given are subject to our standard terms and conditions of sale. You should request a copy of this document and review it carefully. The information contained in this data sheet is subject to modification from time to time in the light of experience and our policy of continuous development. It is the user's responsibility to verify that this data sheet is current prior to using the product.

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