

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

1.1 Product identifier

- Trade name: **3A MATE**
- Article number: 21-012
- Version number: 7

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

Sector of Use

SU22 Professional uses: Public domain (administration, education, entertainment, services, craftsmen)

- Application of the substance / the mixture: Biocidal product
- Restrictions: For the exclusive use of specialised professional personnel.

1.3 Details of the supplier of the safety data sheet

Identification of the company/undertaking:

CIN - Corporação Industrial do Norte, S.A. - Av de Dom Mendo, nº 831 (antes EN13 km6)
4474-009 Maia - Portugal - Tel. + (351) 22 940 5000 - customerservice@cin.com

CIN Industrial Coatings, S.A. - Av. de Dom Mendo, nº 330 - 4474-009 Maia - Portugal
Tel. + (351) 22 940 5000 - customerservice@cin.com

Tintas Cin Angola, S.A., R. Pedro Álvares Cabral, nº21 Cx Postal 788 Benguela - Angola
Tel. + (244) 222 397 527 - tcin@cinangola.co.ao

Tintas Cin de Moçambique, S.A. - Av. das Indústrias, 2507 - Machava - Moçambique
Tel. + (258) 21 748 012 - geral@cin.co.mz

CIN Valentine, S.A.U. - P. I. Can Milans - Riera Seca, 1 - 08110 Montcada i Reixac - España
Tel. + (34) 93 565 66 00 - customerservice.es@cin.com

Pinturas CIN Canárias, S.A.U. - P. I. Güimar, Manzana 13, Parcela 2 - 38509 Güimar - Tenerife
Tel. + (34) 90 242 24 28 - customerservice.es@cin.com

CIN Celliose, S.A. - Chemin de la Verrerie - BP 58 - 69492 Pierre Bénite Cedex - France
Tel. + (33) (0) 472 397 777 - customerservice.fr@cin.com

Further information obtainable from:

E-mail address of the competent person responsible for the Safety Data Sheet: msds@cin.com

1.4 Emergency telephone number:

Portugal:

- Company: + (351) 22 940 5000
- Antipoison Information Center: + (351) 800 250 250
- Emergency Service (24 hours): + (351) 21 352 4765

Spain:

- Company : + (34) 93 565 66 00
- Antipoison Information Center: + (34) 91 562 04 20

Canary:

- Company : + (34) 92 250 53 30

France:

- Company: + 33 (0) 553 875 165
- Antipoison Information Center: + 33 (0) 145 425 959

Belgium:

- Emergency Service (24 hours): + (32) 070 245 245

Luxembourg:

Trade name: 3A MATE

(Contd. of page 1)

- Emergency Service (24 hours): + (352) 8002 5500

SECTION 2: Hazards identification

- 2.1 Classification of the substance or mixture
- Classification according to Regulation (EC) No 1272/2008



GHS09 Environment

Aquatic Acute 1 H400 Very toxic to aquatic life.

Aquatic Chronic 1 H410 Very toxic to aquatic life with long lasting effects.



GHS07

Skin Sens. 1 H317 May cause an allergic skin reaction.

- 2.2 Label elements
- Labelling according to Regulation (EC) No 1272/2008
The product is classified and labelled according to the GB CLP regulation.
- Hazard pictograms



GHS07



GHS09

- Signal word *Warning*
- Hazard-determining components of labelling:
OIT (CAS: 26530-20-1)
CMIT/MIT (CAS: 55965-84-9)
BIT (CAS: 2634-33-5)
- Hazard statements
H317 May cause an allergic skin reaction.
H410 Very toxic to aquatic life with long lasting effects.
- Precautionary statements
P261 Avoid breathing vapours.
P273 Avoid release to the environment.
P333+P313 If skin irritation or rash occurs: Get medical advice/attention.
P302+P352 IF ON SKIN: Wash with plenty of water.
P391 Collect spillage.
P501 Dispose of contents/container in accordance with regional/national regulations.
- Additional information:
EUH211 Warning! Hazardous respirable droplets may be formed when sprayed. Do not breathe spray or mist.
- Biocidal Products Regulation
Contains biocidal products: BIT and CMIT/MIT.
Contains biocidal products for the preservation of dry film: DCOIT, DIURON and OIT.
Contains active biocidal substance: Deltamethrin (CAS 52918-63-5)

(Contd. on page 3)

Trade name: 3A MATE

(Contd. of page 2)

- **2.3 Other hazards**
- **Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.

SECTION 3: Composition/information on ingredients

- **3.2 Mixtures**
- **Description:** Mixture: consisting of the following components.

· **Dangerous components:**

CAS: 1317-65-3 EINECS: 215-279-6 Reg.nr.: -	calcium carbonate substance with a Community workplace exposure limit	10-25%
CAS: 52918-63-5 EINECS: 258-256-6 Reg.nr.: -	deltamethrin (ISO) Acute Tox. 3, H301; Acute Tox. 3, H331; Aquatic Acute 1, H400 (M=1000000); Aquatic Chronic 1, H410 (M=1000000)	≥0.000025-≤1%
CAS: 2634-33-5 EINECS: 220-120-9 Reg.nr.: -	BIT (CAS: 2634-33-5) Eye Dam. 1, H318; Aquatic Acute 1, H400; Aquatic Chronic 2, H411; Acute Tox. 4, H302; Skin Irrit. 2, H315; Skin Sens. 1, H317 Specific concentration limit: Skin Sens. 1; H317: C ≥ 0.05 %	<0.05%
CAS: 55406-53-6 EINECS: 259-627-5 Reg.nr.: -	IPBC (CAS: 55406-53-6) Acute Tox. 3, H331; STOT RE 1, H372; Eye Dam. 1, H318; Aquatic Acute 1, H400 (M=10); Aquatic Chronic 1, H410 (M=1); Acute Tox. 4, H302; Skin Sens. 1, H317	≥0.025-<0.1%
CAS: 330-54-1 EINECS: 206-354-4 Reg.nr.: -	diuron Carc. 2, H351; STOT RE 2, H373; Aquatic Acute 1, H400 (M=10); Aquatic Chronic 1, H410 (M=10); Acute Tox. 4, H302	≥0.0025-<0.025%
CAS: 26530-20-1 EINECS: 247-761-7 Reg.nr.: -	OIT (CAS: 26530-20-1) Acute Tox. 3, H301; Acute Tox. 3, H311; Acute Tox. 2, H330; Skin Corr. 1, H314; Eye Dam. 1, H318; Aquatic Acute 1, H400 (M=100); Aquatic Chronic 1, H410 (M=100); Skin Sens. 1A, H317, EUH071 ATE: LD50 oral: 125 mg/kg LD50 dermal: 311 mg/kg LC50/4 h inhalative: 0.27 mg/l Specific concentration limit: Skin Sens. 1A; H317: C ≥ 0.0015 %	≥0.0025-<0.025%
CAS: 55965-84-9 Reg.nr.: -	CMIT/MIT (CAS: 55965-84-9) Acute Tox. 3, H301; Acute Tox. 2, H310; Acute Tox. 2, H330; Skin Corr. 1C, H314; Eye Dam. 1, H318; Aquatic Acute 1, H400 (M=100); Aquatic Chronic 1, H410 (M=100); Skin Sens. 1A, H317, EUH071 Specific concentration limits: Skin Corr. 1C; H314: C ≥ 0.6 % Skin Irrit. 2; H315: 0.06 % ≤ C < 0.6 % Eye Dam. 1; H318: C ≥ 0.6 % Eye Irrit. 2; H319: 0.06 % ≤ C < 0.6 % Skin Sens. 1A; H317: C ≥ 0.0015 %	≥0.00025-<0.0015%

(Contd. on page 4)

Trade name: 3A MATE

(Contd. of page 3)

· **Additional information:**

This mixture contains \geq 1% titanium dioxide (CAS 13463-67-7) The Annex VI classification of Titanium dioxide does not apply to this mixture according to its Note 10.

For the wording of the listed hazard phrases refer to section 16.

SECTION 4: First aid measures

· **4.1 Description of first aid measures**

· **General information:** Immediately remove any clothing soiled by the product.

· **After inhalation:**

Supply fresh air and to be sure call for a doctor.

In case of unconsciousness place patient stably in side position for transportation.

· **After skin contact:** *In contact with the skin, wash with abundant soap and water without rubbing.*

· **After eye contact:**

In contact with the eyes, wash with abundant water for at least 15 minutes. Remember to remove contact lenses.

· **After swallowing:** *If symptoms persist consult doctor.*

· **4.2 Most important symptoms and effects, both acute and delayed**

No further relevant information available.

· **4.3 Indication of any immediate medical attention and special treatment needed**

If necessary, take the victim to a health centre and have the label or container at hand whenever possible.

DO NOT LEAVE AN INTOXICATED PERSON ALONE UNDER ANY CIRCUMSTANCES WHATSOEVER.

Therapeutic advice for doctors and healthcare personnel: Symptomatic and supporting treatment.

IF MEDICAL ADVICE IS NEEDED, KEEP THE LABEL OR CONTAINER AT HAND AND CONTACT THE TOXICOLOGY INFORMATION DEPARTMENT.

Emergency telephone number - see section 1.4

SECTION 5: Firefighting measures

· **5.1 Extinguishing media**

· **Suitable extinguishing agents:** *Use fire extinguishing methods suitable to surrounding conditions.*

· **5.2 Special hazards arising from the substance or mixture**

No further relevant information available.

· **5.3 Advice for firefighters**

· **Protective equipment:** *It might be necessary to use self-contained respiratory protective device.*

SECTION 6: Accidental release measures

· **6.1 Personal precautions, protective equipment and emergency procedures**

See chapters 7 and 8.

· **6.2 Environmental precautions:**

Do not allow product to reach sewage system or any water course.

Inform respective authorities in case of seepage into water course or sewage system.

Dilute with plenty of water.

Do not allow to enter sewers/ surface or ground water.

· **6.3 Methods and material for containment and cleaning up:**

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

Dispose contaminated material as waste according to section 13.

(Contd. on page 5)

Trade name: 3A MATE

(Contd. of page 4)

Ensure adequate ventilation.

6.4 Reference to other sections

See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment.

See Section 13 for disposal information.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Ensure good ventilation/exhaustion at the workplace.

Avoid inhalation of spray application of the product.

Avoid contact with skin (pyrethroids can cause paresthesia).

To remove contaminated clothing and protective equipment before entering eating areas.

To wash hands after use.

Not to eat, drink and smoke in work areas.

Information about fire - and explosion protection: No special measures required.

7.2 Conditions for safe storage, including any incompatibilities

Storage:

Requirements to be met by storerooms and receptacles: No special requirements.

Information about storage in one common storage facility: Not required.

Further information about storage conditions: None.

7.3 Specific end use(s) No further relevant information available.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Ingredients with limit values that require monitoring at the workplace:

CAS: 1317-65-3 calcium carbonate

WEL	Long-term value: 10* 4** mg/m ³ *inhalable dust; **respirable
-----	---

DNELs

CAS: 330-54-1 diuron

Dermal	DNEL Long term systemic effects	5.79 mg/kg bw/24h (workers)
--------	---------------------------------	-----------------------------

Inhalative	DNEL Long term systemic effects	0.17 mg/m ³ (workers)
------------	---------------------------------	----------------------------------

CAS: 55965-84-9 CMIT/MIT (CAS: 55965-84-9)

Oral	DNEL Long term systemic effects	0.09 mg/kg/day (consumers)
------	---------------------------------	----------------------------

	DNEL Sort term systemic effects	0.11 mg/kg/day (consumers)
--	---------------------------------	----------------------------

Inhalative	DNEL Short term local effects	0.04 mg/m ³ (consumers)
------------	-------------------------------	------------------------------------

		0.04 mg/m ³ (workers)
--	--	----------------------------------

	DNEL Long term local effects	0.02 mg/m ³ (consumers)
--	------------------------------	------------------------------------

		0.02 mg/m ³ (workers)
--	--	----------------------------------

PNECs

CAS: 55965-84-9 CMIT/MIT (CAS: 55965-84-9)

PNEC water	0.003 mg/l (fresh water)
------------	--------------------------

PNEC STP	0.23 mg/l
----------	-----------

Additional information: The lists valid during the making were used as basis.

(Contd. on page 6)

Trade name: 3A MATE

(Contd. of page 5)

- **8.2 Exposure controls**
- **Appropriate engineering controls** No further data; see section 7.
- **Individual protection measures, such as personal protective equipment**
- **General protective and hygienic measures:**
Immediately remove all soiled and contaminated clothing
Wash hands before breaks and at the end of work.
- **Respiratory protection:**



Select respiratory protection suitable for the actual or predicted level of exposure, the type of compound and its level of danger, certified in accordance with applicable standards. For low exposure applications, use respiratory masks with adequate protection / filters. For applications with an exposure level above the Workplace Exposure Limits (WEL), use breathing masks with adequate filters or assisted breathing masks, according to the risk assessment carried out by the occupational risk prevention services.

- **Hand protection**



Protective gloves

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

- **Material of gloves**

Wear chemical resistant gloves.

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

- **Penetration time of glove material**

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

- **Eye/face protection** Goggles recommended during refilling

- **Body protection:** Wear disposable protective suit.

SECTION 9: Physical and chemical properties

- **9.1 Information on basic physical and chemical properties**

- **General Information**

- **Physical state**

Fluid

- **Colour:**

According to product specification

- **Odour:**

Characteristic

- **Odour threshold:**

Not determined.

- **Melting point/freezing point:**

Undetermined.

- **Boiling point or initial boiling point and boiling range**

100 °C (CAS: 7732-18-5 water, distilled, conductivity or of similarpurity)

- **Flammability**

Not applicable.

(Contd. on page 7)

Trade name: 3A MATE

(Contd. of page 6)

· Lower and upper explosion limit	
· Lower:	Not determined.
· Upper:	Not determined.
· Flash point:	>100 °C (ISO 3679)
· Ignition temperature:	Product is not selfigniting.
· Decomposition temperature:	Not determined.
· pH at 20 °C	7-<10
· Viscosity:	
· Kinematic viscosity 40 °C	> 20.5 (mm ² /s)
· Solubility	
· water:	Fully miscible.
· Partition coefficient n-octanol/water (log value)	Not determined.
· Vapour pressure at 20 °C:	23 hPa (CAS: 7732-18-5 water, distilled, conductivity or of similarpurity)
· Density and/or relative density	
· Density at 20 °C:	1.391 g/cm ³
· Relative density	Not determined.
· Vapour density	Not determined.

· 9.2 Other information:	The data refered in this item is related to the white color. The provisions of directive 2004/42/CE on VOC apply to this product. Refer to the product label and /or technical data sheet for further information.
· Appearance:	
· Form:	Fluid
· Important information on protection of health and environment, and on safety.	
· Explosive properties:	Product does not present an explosion hazard.
· Solvent separation test:	
· VOC (EC)	27.4 g/l 1.97 %
· Solids content (w/w):	52.6 %
· Change in condition	
· Evaporation rate	Not determined.

· Information with regard to physical hazard classes	
· Explosives	Void
· Flammable gases	Void
· Aerosols	Void
· Oxidising gases	Void
· Gases under pressure	Void
· Flammable liquids	Void
· Flammable solids	Void
· Self-reactive substances and mixtures	Void
· Pyrophoric liquids	Void
· Pyrophoric solids	Void
· Self-heating substances and mixtures	Void
· Substances and mixtures, which emit flammable gases in contact with water	Void

(Contd. on page 8)

Trade name: 3A MATE

(Contd. of page 7)

· Oxidising liquids	Void
· Oxidising solids	Void
· Organic peroxides	Void
· Corrosive to metals	Void
· Desensitised explosives	Void

SECTION 10: Stability and reactivity

- **10.1 Reactivity** No further relevant information available.
- **10.2 Chemical stability**
- **Thermal decomposition / conditions to be avoided:**
No decomposition if used according to specifications.
- **10.3 Possibility of hazardous reactions** No dangerous reactions known.
- **10.4 Conditions to avoid** No further relevant information available.
- **10.5 Incompatible materials:** No further relevant information available.
- **10.6 Hazardous decomposition products:** No dangerous decomposition products known.

SECTION 11: Toxicological information

- **11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008**
- **Acute toxicity** Based on available data, the classification criteria are not met.

· LD/LC50 values relevant for classification:

CAS: 1317-65-3 calcium carbonate

Oral	LD50	>5,000 mg/kg (rat)
------	------	--------------------

CAS: 52918-63-5 deltamethrin (ISO)

Oral	LD50	87 mg/kg (rat)
Dermal	LD50	>2,000 mg/kg (rat)
Inhalative	LC50/6 h	0.6 mg/l (rat)

CAS: 2634-33-5 BIT (CAS: 2634-33-5)

Oral	LD50	1,193 mg/kg (rat)
Dermal	LD50	4,115 mg/kg (rat)

CAS: 55406-53-6 IPBC (CAS: 55406-53-6)

Oral	LD50	1,795 mg/kg (rat)
Dermal	LD50	>2,000 mg/kg (rabbit)
	LC50/72 h	0.026 mg/l (scenedesmus subspicatus (algae))

CAS: 330-54-1 diuron

Oral	LD50	150 mg/kg (rat)
Dermal	LD50	5,000 mg/kg (rat)
Inhalative	LC50/4 h	5.05 mg/l (rat)
	LC50	14.7 mg/l (fish)

CAS: 26530-20-1 OIT (CAS: 26530-20-1)

Oral	LD50	125 mg/kg (ATE)
Dermal	LD50	311 mg/kg (ATE)
Inhalative	LC50/4 h	0.27 mg/l (ATE)

(Contd. on page 9)

Trade name: 3A MATE

(Contd. of page 8)

	LC50	0.047 mg/l (fish)
CAS: 55965-84-9 CMIT/MIT (CAS: 55965-84-9)		
Oral	LD50	561 mg/kg (rat)
Dermal	LD50	660 mg/kg (rabbit)
Inhalative	LC50/4 h	2,360 mg/l (rat)

- **Skin corrosion/irritation** Based on available data, the classification criteria are not met.
- **Serious eye damage/irritation** Based on available data, the classification criteria are not met.
- **Respiratory or skin sensitisation** May cause an allergic skin reaction.
- **Germ cell mutagenicity** Based on available data, the classification criteria are not met.
- **Carcinogenicity** Based on available data, the classification criteria are not met.
- **Reproductive toxicity** Based on available data, the classification criteria are not met.
- **STOT-single exposure** Based on available data, the classification criteria are not met.
- **STOT-repeated exposure** Based on available data, the classification criteria are not met.
- **Aspiration hazard** Based on available data, the classification criteria are not met.

· **11.2 Information on other hazards**

- **Endocrine disrupting properties**

None of the ingredients is listed.

SECTION 12: Ecological information

· **12.1 Toxicity**

- **Aquatic toxicity:**

CAS: 1317-65-3 calcium carbonate	
EC50/48 h	>1,000 mg/l (daphnia magna)
EC50/72 h	>200 mg/l (desmodesmus suspicatus)
LC50/96 h	>10,000 mg/l (oncorhynchus mykiss (rainbow trout))
CAS: 52918-63-5 deltamethrin (ISO)	
EC50/48 h	0.0000131 mg/l (daphnia magna)
EC50/96 h	>9.1 mg/l (algae)
LC50/96 h	0.00015 mg/l (oncorhynchus mykiss (rainbow trout))
CAS: 2634-33-5 BIT (CAS: 2634-33-5)	
EC50/48 h	1.45 mg/l (daphnia magna)
LC50/96 h	5.9 mg/l (lepomis macrochirus (fish)) 1.49 mg/l (oncorhynchus mykiss (rainbow trout)) 5.3 mg/l (pleuranetes platessa) 1.6 mg/l (salmon)
CAS: 55406-53-6 IPBC (CAS: 55406-53-6)	
EC50b/72 h	0.022 mg/l (scenedesmus subspicatus (algae))
EC50/3 h	44 mg/l (bacterium)
EC50/48 h	0.16 mg/l (daphnia magna)
EC50r/72 h	0.053 mg/l (desmodesmus suspicatus)
EC50/72 h	0.022 mg/l (scenedesmus subspicatus (algae))
LC50/96 h	0.067 mg/l (oncorhynchus mykiss (rainbow trout))

(Contd. on page 10)

Trade name: 3A MATE

(Contd. of page 9)

CAS: 330-54-1 diuron

EC50/48 h	1.4 mg/l (daphnia magna)
EC50/72 h	0.02 mg/l (scenedesmus subspicatus (algae))

CAS: 26530-20-1 OIT (CAS: 26530-20-1)

EC50/24 h	0.22 mg/l (daphnia magna)
EC50/48 h	0.32 mg/l (daphnia magna)
	0.004 mg/l (selenastrum capricornutum (algae))
EC50	0.32 mg/l (daphnia magna)
	0.02 mg/l (selenastrum capricornutum (algae))
EC50/72 h	419 mg/l (scenedesmus subspicatus (algae))
LC50/96 h (static)	0.61 mg/l (cyprinus carpio)
	0.019 mg/l (Ictalurus punctatus)
	0.18 mg/l (Iepomis macrochirus (fish))
	0.047 mg/l (oncorhynchus mykiss (rainbow trout))
	0.05 mg/l (salmon)
	0.32 mg/l (trout)
LC50/48 h (static)	0.13 mg/l (daphnia magna)

- **12.2 Persistence and degradability** No further relevant information available.
- **12.3 Bioaccumulative potential** No further relevant information available.
- **12.4 Mobility in soil** No further relevant information available.
- **12.5 Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.
- **12.6 Endocrine disrupting properties**
For information on endocrine disrupting properties see section 11.
- **12.7 Other adverse effects**
- **Remark:** Very toxic for fish
- **Additional ecological information:**
- **General notes:**
Water hazard class 2 (German Regulation) (Self-assessment): hazardous for water
Do not allow product to reach ground water, water course or sewage system.
Danger to drinking water if even small quantities leak into the ground.
Also poisonous for fish and plankton in water bodies.
Very toxic for aquatic organisms

SECTION 13: Disposal considerations

- **13.1 Waste treatment methods**
- **Product**
- **Recommendation:**
Disposal must be made according to official regulations.
Must not be disposed together with household garbage. Do not allow product to reach sewage system.
- **European waste catalogue**
This product is considered hazardous waste as defined by EU Directive 2008/98/EC.
- **European waste catalogue**
08 01 11* - waste paint and varnish containing organic solvents or other dangerous substances
- **08 01 11*** waste paint and varnish containing organic solvents or other hazardous substances

(Contd. on page 11)

Trade name: 3A MATE

(Contd. of page 10)

- **Uncleaned packaging:**
- **Recommendation:**
Dispose of the content and/or the container as hazardous waste through an authorised management entity in accordance with the regulations in force.
- **Recommended cleansing agents:** Water, if necessary together with cleansing agents.


SECTION 14: Transport information

- | | |
|---|--|
| · 14.1 UN number or ID number
· ADR, IMDG, IATA | UN3082 |
| · 14.2 UN proper shipping name
· ADR

· IMDG

· IATA | 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (deltamethrin (ISO))

ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (deltamethrin (ISO), OIT (CAS: 26530-20-1)), MARINE POLLUTANT

ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (deltamethrin (ISO)) |
| · 14.3 Transport hazard class(es)
· ADR, IMDG, IATA | |
|  | |
| · Class
· Label | 9 Miscellaneous dangerous substances and articles.
9 |
| · 14.4 Packing group
· ADR, IMDG, IATA | III |
| · 14.5 Environmental hazards:
· Marine pollutant:

· Special marking (ADR):
· Special marking (IATA): | Yes
Symbol (fish and tree)
Symbol (fish and tree)
Symbol (fish and tree) |
| · 14.6 Special precautions for user

· Hazard identification number (Kemler code):
· EMS Number:
· Stowage Category | Warning: Miscellaneous dangerous substances and articles.
90
F-A,S-F
A |
| · 14.7 Maritime transport in bulk according to IMO instruments | Not applicable. |

(Contd. on page 12)

Trade name: 3A MATE

(Contd. of page 11)

· Transport/Additional information:

· ADR

- Limited quantities (LQ)
- Exceeded quantities (EQ)

5L
Code: E1
Maximum net quantity per inner packaging: 30 ml
Maximum net quantity per outer packaging: 1000 ml

- Transport category
- Tunnel restriction code

3
(-)

· IMDG

- Limited quantities (LQ)
- Exceeded quantities (EQ)

5L
Code: E1
Maximum net quantity per inner packaging: 30 ml
Maximum net quantity per outer packaging: 1000 ml

· UN "Model Regulation":

UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (DELTAMETHRIN (ISO)), 9, III

SECTION 15: Regulatory information

- 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture
- Poisons Act

· Regulated explosives precursors

None of the ingredients is listed.

· Regulated poisons

None of the ingredients is listed.

· Reportable explosives precursors

None of the ingredients is listed.

· Reportable poisons

None of the ingredients is listed.

· Directive 2012/18/EU

- Named dangerous substances - ANNEX I None of the ingredients is listed.
- Seveso category E1 Hazardous to the Aquatic Environment
- Qualifying quantity (tonnes) for the application of lower-tier requirements 100 t
- Qualifying quantity (tonnes) for the application of upper-tier requirements 200 t

· REGULATION (EU) No. 2019/1021 on persistent organic pollutants (POP)

None of the ingredients is listed.

· LIST OF SUBSTANCES SUBJECT TO AUTHORISATION (ANNEX XIV)

None of the ingredients is listed.

· REGULATION (EC) No. 1907/2006 ANNEX XVII Conditions of restriction: 3

· Regulation (EU) No. 649/2012 concerning the export and import of hazardous chemicals

None of the ingredients is listed.

(Contd. on page 13)

Trade name: 3A MATE

(Contd. of page 12)

· **DIRECTIVE 2011/65/EU on the restriction of the use of certain hazardous substances in electrical and electronic equipment – Annex II**

None of the ingredients is listed.

· **REGULATION (EU) No. 2019/1148**

· **Annex I - RESTRICTED EXPLOSIVES PRECURSORS (Upper limit value for the purpose of licensing under Article 5(3))**

None of the ingredients is listed.

· **Annex II - REPORTABLE EXPLOSIVES PRECURSORS**

None of the ingredients is listed.

· **Regulation (EC) No. 273/2004 on drug precursors**

None of the ingredients is listed.

· **Regulation (EC) No. 111/2005 laying down rules for the monitoring of trade between the Community and third countries in drug precursors**

None of the ingredients is listed.

· **REGULATION (EC) No. 1005/2009 on substances that deplete the ozone layer – ANNEX I (Ozone- depleting potential)**

None of the ingredients is listed.

· **National regulations:**

· **Waterhazard class:** Water hazard class 2 (Self-assessment): hazardous for water.

· **15.2 Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

SECTION 16: Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

· **Phrases from sections 2 and 3**

H301 Toxic if swallowed.

H302 Harmful if swallowed.

H310 Fatal in contact with skin.

H311 Toxic in contact with skin.

H314 Causes severe skin burns and eye damage.

H315 Causes skin irritation.

H317 May cause an allergic skin reaction.

H318 Causes serious eye damage.

H319 Causes serious eye irritation.

H330 Fatal if inhaled.

H331 Toxic if inhaled.

H351 Suspected of causing cancer.

H372 Causes damage to organs through prolonged or repeated exposure.

H373 May cause damage to organs through prolonged or repeated exposure.

H400 Very toxic to aquatic life.

H410 Very toxic to aquatic life with long lasting effects.

H411 Toxic to aquatic life with long lasting effects.

EUH071 Corrosive to the respiratory tract.

(Contd. on page 14)

Trade name: 3A MATE

(Contd. of page 13)

· Classification according to Regulation (EC) No 1272/2008

Skin sensitisation

Hazardous to the aquatic environment - short-term (acute) aquatic hazard

Hazardous to the aquatic environment - long-term (chronic) aquatic hazard

The classification of the mixture is generally based on the calculation method using substance data according to Regulation (EC) No 1272/2008.

· Department issuing SDS:

CIN - Corporação Industrial do Norte, S.A.

Av de Dom Mendo, nº 831 (antes EN13 km6) - 4474-009 Maia - Portugal

Capital Social € 25.000.000 - C.R.C. da Maia / NIPC: 500 076 936

· Contact: See address in section 1 on this MSDS

· Date of previous version: 28.07.2021

· Abbreviations and acronyms:

ADR: Accord relatif au transport international des marchandises dangereuses par route (European Agreement Concerning the International Carriage of Dangerous Goods by Road)

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

GHS: Globally Harmonised System of Classification and Labelling of Chemicals

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society)

VOC: Volatile Organic Compounds (USA, EU)

DNEL: Derived No-Effect Level (UK REACH)

PNEC: Predicted No-Effect Concentration (UK REACH)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

PBT: Persistent, Bioaccumulative and Toxic

vPvB: very Persistent and very Bioaccumulative

ATE: Acute toxicity estimate values

Acute Tox. 3: Acute toxicity – Category 3

Acute Tox. 4: Acute toxicity – Category 4

Acute Tox. 2: Acute toxicity – Category 2

Skin Corr. 1: Skin corrosion/irritation – Category 1

Skin Corr. 1C: Skin corrosion/irritation – Category 1C

Skin Irrit. 2: Skin corrosion/irritation – Category 2

Eye Dam. 1: Serious eye damage/eye irritation – Category 1

Skin Sens. 1: Skin sensitisation – Category 1

Skin Sens. 1A: Skin sensitisation – Category 1A

Carc. 2: Carcinogenicity – Category 2

STOT RE 1: Specific target organ toxicity (repeated exposure) – Category 1

STOT RE 2: Specific target organ toxicity (repeated exposure) – Category 2

Aquatic Acute 1: Hazardous to the aquatic environment - acute aquatic hazard – Category 1

Aquatic Chronic 1: Hazardous to the aquatic environment - long-term aquatic hazard – Category 1

Aquatic Chronic 2: Hazardous to the aquatic environment - long-term aquatic hazard – Category 2

· * Data compared to the previous version altered.