

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: 1**

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

No further relevant information available.

· **Application of the substance / the mixture: Paint**

· **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, n° 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, n° 330 - 4474-009 Maia - Portugal
Tel. + (351) 22 940 5000 - customerservice@cin.com

Tintas Cin Angola, S.A., R. Pedro Álvares Cabral, n°21 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 - Espanha
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:

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

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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.

- **2.2 Label elements**
- **Labelling according to Regulation (EC) No 1272/2008**

The product is classified and labelled according to the CLP regulation.

- **Hazard pictograms**



GHS09

- **Signal word** Warning
- **Hazard statements**
Very toxic to aquatic life with long lasting effects.
- **Precautionary statements**
Avoid release to the environment.
Collect spillage.
Dispose of contents/container in accordance with regional/national regulations.
- **Additional information:**
Contains CMIT/MIT (CAS: 55965-84-9), BIT (CAS: 2634-33-5), OIT (CAS: 26530-20-1). May produce an allergic reaction.
- **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: 52918-63-5 EINECS: 258-256-6 Reg.nr.: -	deltamethrin (ISO) Acute Tox. 3, H301; Acute Tox. 3, H331; Aquatic Acute 1, H400; Aquatic Chronic 1, H410	≤1%
CAS: 55406-53-6 EINECS: 259-627-5 Reg.nr.: -	3-Iodo-2-propynylbutylcarbamate Acute Tox. 3, H331; STOT RE 1, H372; Eye Dam. 1, H318; Aquatic Acute 1, H400; Aquatic Chronic 1, H410; Acute Tox. 4, H302; Skin Sens. 1, H317	≤0.1%
CAS: 2634-33-5 EINECS: 220-120-9 Reg.nr.: -	BIT (CAS: 2634-33-5) Eye Dam. 1, H318; Aquatic Acute 1, H400; Acute Tox. 4, H302; Skin Irrit. 2, H315; Skin Sens. 1, H317	≤0.1%

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CAS: 330-54-1

diuron

≤0.1%

EINECS: 206-354-4

☞ Carc. 2, H351; STOT RE 2, H373; ☞ Aquatic Acute 1, H400;

Reg.nr.: -

Aquatic Chronic 1, H410; ☠ Acute Tox. 4, H302

· **Additional information:** For the wording of the listed hazard phrases refer to section 16.

SECTION 4: First aid measures

· 4.1 Description of first aid measures

- **After inhalation:** Supply fresh air; consult doctor in case of complaints.
- **After skin contact:** Generally the product does not irritate the skin.
- **After eye contact:** Rinse opened eye for several minutes under running water.
- **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

No further relevant information available.

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** Not required.

· 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 item 13.

· 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

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.

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- **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

- **Additional information about design of technical facilities:** No further data; see item 7.
- **8.1 Control parameters**
- **Ingredients with limit values that require monitoring at the workplace:**
The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.
- **Additional information:** The lists valid during the making were used as basis.
- **8.2 Exposure controls**
- **Personal protective equipment:**
- **General protective and hygienic measures:** Wash hands before breaks and at the end of work.
- **Respiratory protection:** Not required.
- **Protection of hands:**
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 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**
- **Appearance:**
- **Form:** Fluid
- **Colour:** According to product specification
- **Odour:** Characteristic
- **Odour threshold:** Not determined.

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· pH-value at 20 °C:	8.7
· Change in condition Melting point/freezing point:	Undetermined.
Initial boiling point and boiling range:	100 °C
· Flash point:	>100 °C
· Flammability (solid, gas):	Not applicable.
· Decomposition temperature:	Not determined.
· Auto-ignition temperature:	Product is not selfigniting.
· Explosive properties:	Product does not present an explosion hazard.
· Explosion limits: Lower:	Not determined.
Upper:	Not determined.
· Vapour pressure at 20 °C:	23 hPa
· Density at 20 °C:	1.373 g/cm ³
· Relative density	Not determined.
· Vapour density	Not determined.
· Evaporation rate	Not determined.
· Solubility in / Miscibility with water:	Fully miscible.
· Partition coefficient: n-octanol/water:	Not determined.
· Solids content (w/w):	52.4 %
· 9.2 Other information:	The data referred 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.

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 toxicological effects**
- **Acute toxicity** Based on available data, the classification criteria are not met.

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LD/LC50 values relevant for classification:

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: 55406-53-6 3-Iodo-2-propynylbutylcarbamate

Oral	LD50	1,470 mg/kg (rat)
Dermal	LD50	>2,000 mg/kg (rat)
	LC50/72 h	0.026 mg/l (scenedesmus subspicatus (algae))

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

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

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

	LC50	0.047 mg/l (fish)
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Primary irritant effect:

- **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** Based on available data, the classification criteria are not met.
- **CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)**
- **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.

SECTION 12: Ecological information

12.1 Toxicity

Aquatic toxicity:

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: 55406-53-6 3-Iodo-2-propynylbutylcarbamate

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))

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))

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	5.3 mg/l (pleuranetes platessa) 1.6 mg/l (salmo gairdneri)
CAS: 330-54-1 diuron	
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 (lctalurus punctatus)
	0.18 mg/l (lepomis macrochirus (fish))
	0.047 mg/l (oncorhynchus mykiss (rainbow trout))
	0.05 mg/l (salmo gairdneri)
	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.

· **Ecotoxicological 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

· **12.5 Results of PBT and vPvB assessment**

· **PBT:** Not applicable.

· **vPvB:** Not applicable.

· **12.6 Other adverse effects** No further relevant information available.

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.

The information given is based on Directive (EU) 2008/98.

· **European waste catalogue**

This product is considered hazardous waste as defined by EU Directive 2008/98/EC.

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- **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

- **Uncleaned packaging:**
- **Recommendation:**
Disposal must be made according to official regulations.
The package should be properly drained.
- **Recommended cleansing agents:** Water, if necessary together with cleansing agents.

SECTION 14: Transport information

- **14.1 UN-Number**
· **ADR, IMDG, IATA** UN3082
- **14.2 UN proper shipping name**
· **ADR** 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (deltamethrin (ISO))
- **IMDG** ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (deltamethrin (ISO), 3-Iodo-2-propynylbutylcarbamate), MARINE POLLUTANT
- **IATA** ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (deltamethrin (ISO))
- **14.3 Transport hazard class(es)**
· **ADR, IMDG, IATA**
- 
- **Class** 9 Miscellaneous dangerous substances and articles.
- **Label** 9
- **14.4 Packing group**
· **ADR, IMDG, IATA** III
- **14.5 Environmental hazards:**
- **Marine pollutant:** Yes
Symbol (fish and tree)
- **Special marking (ADR):** Symbol (fish and tree)
- **Special marking (IATA):** Symbol (fish and tree)
- **14.6 Special precautions for user** Warning: Miscellaneous dangerous substances and articles.
- **Hazard identification number (Kemler code):** 90
- **EMS Number:** F-A, S-F
- **Stowage Category** A
- **14.7 Transport in bulk according to Annex II of Marpol and the IBC Code** Not applicable.

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· Transport/Additional information:

· ADR

- Limited quantities (LQ)
- Excepted quantities (EQ)

5L

Code: E1

Maximum net quantity per inner packaging: 30 ml
Maximum net quantity per outer packaging: 1000 ml

· Transport category

3

· Tunnel restriction code

-

· IMDG

- Limited quantities (LQ)
- Excepted 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

· 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

· 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

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

· Other regulations, limitations and prohibitive regulations

· Substances of very high concern (SVHC) according to REACH, Article 57

None of the ingredients is listed.

· 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.

· Relevant phrases

H301 Toxic if swallowed.

H302 Harmful if swallowed.

H315 Causes skin irritation.

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H317 May cause an allergic skin reaction.

H318 Causes serious eye damage.

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.

Classification according to Regulation (EC) No 1272/2008

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, n° 831 (antes EN13 km6) - 4474-009 Maia - Portugal

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

Contact: See adress in section 1 on this MSDS

Abbreviations and acronyms:

ADR: Accord européen sur le transport 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)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

PBT: Persistent, Bioaccumulative and Toxic

SVHC: Substances of Very High Concern

vPvB: very Persistent and very Bioaccumulative

Acute Tox. 3: Acute toxicity - oral – Category 3

Acute Tox. 4: Acute toxicity - oral – Category 4

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

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

*** Data compared to the previous version altered.**