SAFETY DATA SHEET

This safety data sheet complies with the requirements of:
Regulation (EC) No. 1907/2006 and Regulation (EC) No. 1272/2008

Print Date 28-jun-2024 **Revision Date** 01-Sep-2022 **Version** 3

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

1.1. Product identifier

Product Code 9000_GBR
Product Name **Tanalith E 9000**

Registration Number(s) GB-2017-1071

Unique Formula Identifier (UFI) AY00-R0CK-700K-3QYD

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

Recommended Use 528/2012 : Product-type 8: Wood preservatives

Uses advised against Consumer use

Reason why uses advised against Restricted to professional and industrial users

1.3. Details of the supplier of the safety data sheet

Authorization Holder:
Arch UK Biocides Ltd, Crumpsall Vale, Blackley, Manchester, M9 8GQ, United Kingdom, Tel: +44 161 552 6702

Manufacturer
Arch Timber Protection Ltd, Crumpsall Vale, Blackley, Manchester, M9 8GQ, United Kingdom, Tel: +44 161 552 6702

For further information, please contact

E-mail address timberprotectionadvice.ukca@arxada.com

1.4. Emergency telephone number

Emergency Telephone CHEMTREC: +44 20 3885 0382 (24h) [CCN 864796]

Emergency Telephone	
Europe	**112**
United Kingdom	For health professionals: 0844 892 0111

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Regulation (EC) No 1272/2008

Serious eye damage/eye irritation	Category 1 - (H318)
Specific target organ toxicity — single exposure	Category 3 - (H335)
Acute aquatic toxicity	Category 1 - (H400)
Chronic aquatic toxicity	Category 1 - (H410)

Note:

2.2. Label elements

Contains 2-aminoethanol, Ethoxylated amine, Reaction mass of: N,N-Didecyl-N,N-dimethylammonium Carbonate; and N,N-Didecyl-N,N-dimethylammonium Bicarbonate Propiconazole, Tebuconazole, (Copper (II) carbonate--copper(II) hydroxide (1:1))

Signal word
Danger

Hazard statements
H384 - Causes serious eye damage
H335 - May cause respiratory irritation
H410 - Very toxic to aquatic life with long lasting effects
EUH208 - Contains (Propiconazole). May produce an allergic reaction

Precautionary statements
P280 - Wear eye protection/ face protection
P261 - Avoid breathing dust/fume/gas/mist/vapours/spray
P271 - Use only outdoors or in a well-ventilated area
P304 + P340 - IF INHALED: Remove person to fresh air and keep comfortable for breathing
P312 - Call a POISON CENTER or doctor/physician if you feel unwell
P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing
P310 - Immediately call a POISON CENTER or doctor/physician
P403 + P233 - Store in a well-ventilated place. Keep container tightly closed
P405 - Store locked up
P501 - Dispose of contents/container to a licensed hazardous-waste disposal contractor or collection site except for empty clean containers which can be disposed of as non-hazardous waste.
P273 - Avoid release to the environment
P391 - Collect spillage

2.3. Other hazards

No information available.

SECTION 3: Composition/information on ingredients

3.1 Substances

Not applicable

3.2 Mixtures

Chemical nature Mixture.

Chemical name	EC No	CAS No	Weight-%	Classification according to Regulation (EC) No. 1272/2008 [CLP]	REACH registration number	Specific concentration limit (SCL)

Note:

2-aminoethanol	205-483-3	141-43-5	10-30	Acute Tox. 4 (H302) Acute Tox. 4 (H312) Acute Tox. 4 (H332) Skin Corr. 1B (H314) STOT SE 3 (H335) Aquatic Chronic 3 (H412) M (Chronic) = 1	-	STOT SE 3 :: C>=5%
(Copper (II) carbonate--copper(II) hydroxide (1:1))	235-113-6	12069-69-1	10-30	Acute Tox. 4 (H302) Eye Irrit. 2 (H319) Acute Tox. 4 (H332) Aquatic Acute 1 (H400) M = 10 Aquatic Chronic 1 (H410) M (Chronic) = 10	-	-
Ethoxylated amine	Listed	-	1-5	Acute Tox. 4 (H302) Skin Irrit. 2 (H315) Eye Dam. 1 (H318) Aquatic acute 1 (H400) Aquatic chronic 1 (H410)	-	-
Organic acid	Listed	-	1-5	Eye Irrit. 2 (H319)	-	-
Reaction mass of: N,N-Didecyl-N,N-dimethylammonium Carbonate; and N,N-Didecyl-N,N-dimethylammonium Bicarbonate	451-900-9	894406-76-9	1-5	Acute Tox. 3 (H301) Skin Corr. 1B (H314) Eye Dam. 1 (H318) Aquatic Acute 1 (H400) M =10 Aquatic Chronic 2 (H411) M (Chronic) = 1	-	-
Propiconazole	262-104-4	60207-90-1	0.1-1	Acute Tox. 4 (H302) Skin Sens. 1 (H317) Aquatic Acute 1 (H400) M = 1 Aquatic Chronic 1 (H410) M (Chronic) = 1 Repr.1B (H360D)	-	-
Tebuconazole	403-640-2	107534-96-3	0.1-1	Acute Tox. 4 (H302) Repr. 2 (H361d) Aquatic Acute 1 (H400) M = 1 Aquatic Chronic 1 (H410) M (Chronic) = 10	-	-

Full text of H- and EUH-phrases: see section 16

Acute Toxicity Estimate

Note:

Chemical name	Oral LD50 mg/kg	Dermal LD50 mg/kg	Inhalation LC50 - 4 hour - dust/mist - mg/L	Inhalation LC50 - 4 hour - vapour - mg/L
(Copper (II) carbonate--copper(II) hydroxide (1:1)) 12069-69-1	= 500 mg/kg (ATE)		1.2 mg/L (ATE)	

SECTION 4: First aid measures

4.1. Description of first aid measures

General advice Immediate medical attention is required.

Inhalation Remove patient to fresh air. Keep warm and at rest, in a half upright position. Loosen clothing. Seek medical advice.

Eye contact Keep eye wide open while rinsing. Immediate medical attention is required. Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Do not rub affected area.

Skin contact Remove contaminated clothing and shoes. Wash off immediately with soap and plenty of water. Wash contaminated clothing before reuse.

Ingestion Do not induce vomiting, give 250 ml water to drink sipped slowly. Seek medical advice immediately. Never give anything by mouth to an unconscious person.

4.2. Most important symptoms and effects, both acute and delayed

Symptoms See Section 11: TOXICOLOGICAL INFORMATION.

4.3. Indication of any immediate medical attention and special treatment needed

Note to doctors Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media Carbon dioxide (CO2) Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. Water spray or fog

Large Fire CAUTION: Use of water spray when fighting fire may be inefficient.

Unsuitable extinguishing media Do not use a solid water stream as it may scatter and spread fire. Do not scatter spilled material with high pressure water streams.

5.2. Special hazards arising from the substance or mixture

Specific hazards arising from the chemical Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water Do not allow run-off from fire-fighting to enter drains or water courses

5.3. Advice for firefighters

Note:

Special protective equipment for fire-fighters	Use personal protective equipment as required. Wear self-contained breathing apparatus and protective suit

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions	Ensure adequate ventilation, especially in confined areas.
For emergency responders	Use personal protection recommended in Section 8.

6.2. Environmental precautions

Environmental precautions	Prevent further leakage or spillage if safe to do so. Do not allow into any sewer, on the ground or into any body of water. Local authorities should be advised if significant spillages cannot be contained. See Section 12 for additional Ecological Information.

6.3. Methods and material for containment and cleaning up

Methods for containment	Prevent further leakage or spillage if safe to do so.
Methods for cleaning up	Recover the product where possible. Take up with sand, earth or other non-combustible absorbent material. Take up mechanically, placing in appropriate containers for disposal. Prevent product from entering drains. Seal containers and label them. Remove contaminated material to safe location for subsequent disposal.

6.4. Reference to other sections

Reference to other sections	See Section 7, 8, 13 for more information.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Advice on safe handling	Ensure adequate ventilation, especially in confined areas.
General Hygiene Considerations	When using do not eat, drink or smoke. Regular cleaning of equipment, work area and clothing is recommended Keep away from food, drink and animal feedingstuffs. Contaminated work clothing should not be allowed out of the workplace. Take off all contaminated clothing and wash it before re-use. Wear suitable gloves and eye/face protection.

7.2. Conditions for safe storage, including any incompatibilities

Storage Conditions
Keep out of the reach of children. Protect from frost. Keep/store only in original container. Keep container tightly closed in a dry and well-ventilated place.
Incompatible with strong acids and bases Incompatible with oxidising agents Aluminium

7.3. Specific end use(s)

Specific use(s)	Timber preservative for dilution in water and application in industrial vacuum pressure plant.

Note:

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Chemical name	European Union	Austria	Belgium	Bulgaria	Croatia
2-aminoethanol 141-43-5	TWA: 1 ppm TWA: 2.5 mg/m³ *	TWA: 1 ppm TWA: 2.5 mg/m³ STEL 3 ppm STEL 7.6 mg/m³ Sa+	TWA: 1 ppm TWA: 2.5 mg/m³ STEL: 3 ppm STEL: 7.6 mg/m³ D*	STEL: 3 ppm STEL: 7.6 mg/m³ TWA: 1 ppm TWA: 2.5 mg/m³ K*	TWA: 1 ppm TWA: 2.5 mg/m³ STEL: 3 ppm STEL: 7.6 mg/m³ *
(Copper (II) carbonate--copper(II) hydroxide (1:1)) 12069-69-1	-	TWA: 1 mg/m³ TWA: 0.1 mg/m³ STEL 4 mg/m³ STEL 0.4 mg/m³	-	TWA: 1.0 mg/m³	-
Chemical name	**Cyprus**	**Czech Republic**	**Denmark**	**Estonia**	**Finland**
2-aminoethanol 141-43-5	* STEL: 3 ppm STEL: 7.6 mg/m³ TWA: 1 ppm TWA: 2.5 mg/m³	TWA: 2.5 mg/m³ Ceiling: 7.5 mg/m³ D*	TWA: 1 ppm TWA: 2.5 mg/m³ H*	TWA: 1 ppm TWA: 2.5 mg/m³ STEL: 3 ppm STEL: 7.6 mg/m³ A*	TWA: 1 ppm TWA: 2.5 mg/m³ STEL: 3 ppm STEL: 7.6 mg/m³ iho*
(Copper (II) carbonate--copper(II) hydroxide (1:1)) 12069-69-1	-	-	-	TWA: 1 mg/m³ TWA: 0.2 mg/m³	TWA: 0.02 mg/m³
Chemical name	**France**	**Germany**	**Germany MAK**	**Greece**	**Hungary**
2-aminoethanol 141-43-5	TWA: 1 ppm TWA: 2.5 mg/m³ STEL: 3 ppm STEL: 7.6 mg/m³ *	TWA: 0.2 ppm TWA: 0.5 mg/m³ Sh+ H* Skin sensitizer	TWA: 0.2 ppm TWA: 0.51 mg/m³ Peak: 0.2 ppm Peak: 0.51 mg/m³ skin sensitizer	TWA: 1 ppm TWA: 2.5 mg/m³ STEL: 3 ppm STEL: 7.6 mg/m³ *	TWA: 2.5 mg/m³ STEL: 7.6 mg/m³ b*
(Copper (II) carbonate--copper(II) hydroxide (1:1)) 12069-69-1	-	-	TWA: 0.01 mg/m³ Peak: 0.02 mg/m³	-	STEL: 4 mg/m³
Chemical name	**Ireland**	**Italy**	**Italy REL**	**Latvia**	**Lithuania**
2-aminoethanol 141-43-5	TWA: 1 ppm TWA: 2.5 mg/m³ STEL: 3 ppm STEL: 7.6 mg/m³ Sk*	TWA: 1 ppm TWA: 2.5 mg/m³ STEL: 3 ppm STEL: 7.6 mg/m³ cute*	TWA: 3 ppm TWA: 7.5 mg/m³ STEL: 6 ppm STEL: 15 mg/m³	TWA: 0.2 ppm TWA: 0.5 mg/m³ STEL: 3 ppm STEL: 7.6 mg/m³ Ada*	O* TWA: 2.5 mg/m³ TWA: 1 ppm STEL: 7.6 mg/m³ STEL: 3 ppm
(Copper (II) carbonate--copper(II) hydroxide (1:1)) 12069-69-1	-	-	TWA: 1 mg/m³	TWA: 0.5 mg/m³	TWA: 1 mg/m³ TWA: 0.2 mg/m³
Chemical name	**Luxembourg**	**Malta**	**Netherlands**	**Norway**	**Poland**
2-aminoethanol 141-43-5	Peau* STEL: 3 ppm STEL: 7.6 mg/m³ TWA: 1 ppm TWA: 2.5 mg/m³	skin* STEL: 3 ppm STEL: 7.6 mg/m³ TWA: 1 ppm TWA: 2.5 mg/m³	TWA: 2.5 mg/m³ STEL: 7.6 mg/m³ H*	TWA: 1 ppm TWA: 2.5 mg/m³ STEL: 2 ppm STEL: 5 mg/m³ H*	STEL: 7.5 mg/m³ TWA: 2.5 mg/m³ skóra*
(Copper (II) carbonate--copper(II) hydroxide (1:1)) 12069-69-1	-	-	TWA: 0.1 mg/m³	-	TWA: 0.2 mg/m³
Chemical name	**Portugal**	**Russia**	**Romania**	**Slovakia**	**Slovenia**
2-aminoethanol 141-43-5	TWA: 1 ppm TWA: 2.5 mg/m³ STEL: 3 ppm STEL: 7.6 mg/m³ Cutânea*	MAC: 0.5 mg/m³ Skin	TWA: 1 ppm TWA: 2.5 mg/m³ STEL: 3 ppm STEL: 7.6 mg/m³ P*	TWA: 1 ppm TWA: 2.5 mg/m³ K* Ceiling: 7.6 mg/m³	TWA: 1 ppm TWA: 2.5 mg/m³ STEL: 3 ppm STEL: 7.6 mg/m³ K*
(Copper (II) carbonate--copper(II) hydroxide (1:1)) 12069-69-1	-		-	TWA: 1 mg/m³ TWA: 0.2 ppm	-

Note:

Chemical name	Spain	Sweden	Switzerland	Turkey	United Kingdom
2-aminoethanol 141-43-5	TWA: 1 ppm TWA: 2.5 mg/m³ STEL: 3 ppm STEL: 7.5 mg/m³ vía dérmica*	NGV: 1 ppm NGV: 2.5 mg/m³ Bindande KGV: 3 ppm Bindande KGV: 7.5 mg/m³ H*	S+ TWA: 2 ppm TWA: 5 mg/m³ STEL: 4 ppm STEL: 10 mg/m³		TWA: 1 ppm TWA: 2.5 mg/m³ STEL: 3 ppm STEL: 7.6 mg/m³ Sk*
(Copper (II) carbonate--copper(II) hydroxide (1:1)) 12069-69-1	TWA: 0.1 mg/m³	NGV: 0.01 mg/m³	TWA: 0.1 mg/m³ STEL: 0.2 mg/m³		

Derived No Effect Level (DNEL) No information available.
Predicted No Effect Concentration (PNEC) No information available.

8.2. Exposure controls

Engineering Controls Ensure adequate ventilation, especially in confined areas.

Personal protective equipment

Eye/face protection Wear safety glasses with side shields (or goggles).

Hand Protection Wear protective gloves. Wear protective nitrile rubber gloves. The selected protective gloves have to satisfy the specifications of Regulation (EU) 2016/425 and the standard EN 374 derived from it. Ensure that the breakthrough time of the glove material is not exceeded. Refer to glove supplier for information on breakthrough time for specific gloves.
Break through time. > 480 (min)

Skin and body protection Wear impervious protective clothing, including boots, gloves, lab coat, apron or coveralls, as appropriate, to prevent skin contact.

Respiratory protection In case of inadequate ventilation wear respiratory protection.

General hygiene considerations Handle in accordance with good industrial hygiene and safety practice.

Environmental exposure controls Local authorities should be advised if significant spillages cannot be contained. Do not allow into any sewer, on the ground or into any body of water. Prevent product from entering drains.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	Liquid
Colour	dark blue opaque
Odour	Strong. Ammonia. Odour.
Odour threshold	Not determined

Property	Values	Remarks • Method
Melting point / freezing point	Not determined	
Boiling point / boiling range	Not determined	
Flammability (solid, gas)	Not determined	
Flammability Limit in Air	Not determined	
Upper flammability limit:		
Lower flammability limit		
Flash point	Does not flash	
Autoignition temperature	378°C ± 5°C	EEC A15
Decomposition temperature	Not determined	

Note:

pH	10.7	CIPAC MT 75.3
pH (as aqueous solution)	9.63	solution (1 %)
Kinematic viscosity	17.3 mm^2/s @ 20 °C	OECD 114
Dynamic viscosity	Not determined	
Water solubility	Not determined	
Solubility(ies)	Not determined	
Partition coefficient	Not determined	
Vapour pressure	Not determined	
Relative density	1.18	ECC Method A3
Bulk density	Not determined	
Density	Not determined	
Vapour density	Not determined	
Particle characteristics		
Particle Size	Not determined	
Particle Size Distribution	Not determined	

9.2. Other information

9.2.1. Information with regards to physical hazard classes

Explosive properties	Not an explosive
Oxidising properties	Not oxidising

9.2.2. Other safety characteristics
No information available

SECTION 10: Stability and reactivity

10.1. Reactivity

Reactivity No information available.

10.2. Chemical stability

Stability Stable under normal conditions.

Explosion data

Sensitivity to mechanical impact	No information available.
Sensitivity to static discharge	No information available.

10.3. Possibility of hazardous reactions

None under normal processing.

10.4. Conditions to avoid

Keep from freezing.

10.5. Incompatible materials

Incompatible with strong acids and bases. Incompatible with oxidising agents. Aluminium.

10.6. Hazardous decomposition products

None under normal use conditions.

SECTION 11: Toxicological information

11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

Information on likely routes of exposure

Product Information

Inhalation	Avoid breathing vapours or mists. May cause irritation of respiratory tract.
Eye contact	Avoid contact with eyes. Causes serious eye damage.
Skin contact	Avoid contact with skin.
Ingestion	Do not taste or swallow.

Symptoms related to the physical, chemical and toxicological characteristics

Symptoms No information available.

Acute toxicity

Actual Product Data

Dermal LD50 > 4000 mg/kg (rat)

Component Information

Chemical name	Oral LD50	Dermal LD50	Inhalation LC50
2-aminoethanol	1515 mg/kg (RT)	2504 mg/kg (RBT)	-
(Copper (II) carbonate--copper(II) hydroxide (1:1))	= 500 mg/kg (ATE)	>2000 mg/kg (RT)	1.2 mg/L (ATE)
Ethoxylated amine	>300 mg/kg (RT)	-	-
Organic acid	3500 mg/kg (RT)	>20000 mg/kg (RBT)	-
Reaction mass of: N,N-Didecyl-N,N-dimethylammonium Carbonate; and N,N-Didecyl-N,N-dimethylammonium Bicarbonate	245 mg/kg (RT)	>2000 mg/kg (RBT)	-
Propiconazole	1517 mg/kg (RT)	> 2000 mg/kg (RBT)	>5.8 mg/L (RT) 4h
Tebuconazole	>1700 mg/kg (RT)	> 2000 mg/kg (RT)	> 5.0 mg/L (RT) 4h

Note:,
RT = Rat
RBT = Rabbit
MSE = Mouse
GP = Guinea Pig
V = Vapour

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Skin corrosion/irritation Not classified. Actual Product Data.

Serious eye damage/eye irritation Risk of serious damage to eyes

Sensitisation Not classified.

Germ cell mutagenicity Not classified

Carcinogenicity Not classified.

Reproductive toxicity Not classified.

Note:

Chemical name	European Union
Propiconazole	Repr. 1B
Tebuconazole	Repr. 2

STOT - single exposure Not classified.

STOT - repeated exposure Not classified.

Aspiration hazard Not classified.

11.2. Information on other hazards

11.2.1. Endocrine disrupting properties

Endocrine disrupting properties No information available.

11.2.2. Other information

Other adverse effects No information available.

SECTION 12: Ecological information

12.1. Toxicity

Note:
LC50: Lethal Concentration to 50% of a test population (Median Lethal Concentration)
LD50: Lethal Dose to 50% of a test population (Median Lethal Dose).

Chemical name	Fish	Crustacea	Algae/aquatic plants	Toxicity to microorganisms
2-aminoethanol	349 mg/L LC50 96h (Cyprinus carpio)	65 mg/L EC50 48h (Daphnia magna)	2.8 mg/L EC50 72h (Pseudokirchneriella subcapitata)	-
(Copper (II) carbonate--copper(II) hydroxide (1:1))	0.087 mg/L LC50 96h (Oncorhynchus mykiss)	0.042 mg/L EC50 48h (Daphnia magna)	0.043 mg/L EC50 96h (Desmodesmus suspicatus)	-
Ethoxylated amine	>0.1 mg/L LC50 96h (Danio rerio)	>1 mg/L EC50 48h (Daphnia magna)	>1 mg/L EC50 72h (Desmodesmus suspicatus)	-
Organic acid	>100 mg/L LC50 96h (Danio rerio)	240 mg/L EC50 48h (Daphnia magna)	>100 mg/L EC50 72h (Pseudokirchnerella subcapitata)	-
Reaction mass of: N,N-Didecyl-N,N-dimethylammonium Carbonate; and N,N-Didecyl-N,N-dimethylammonium Bicarbonate	0.28 mg/L LC50 96h (Lepomis macrochirus)	0.066 mg/L EC50 48h (Daphnia magna)	0.0152 mg/L EC50 72h (Desmodesmus suspicatus)	-
Propiconazole	5.3 mg/L LC50 96h (Rainbow trout)	4.8 mg/L EC50 48h (Daphnia magna)	0.02 - 13.6 mg/l for three freshwater algae	-
Tebuconazole	4.4 mg/L LC50 48h (Oncorhyncus mykiss)	2.79 mg/L EC50 48h (Daphnia magna)	3.8 mg/L EC50 72h (Pseudokirchneriella subcapitata)	-

Note:

12.2. Persistence and degradability

No information available.

12.3. Bioaccumulative potential

Chemical name	Partition coefficient
2-aminoethanol	-1.91

12.4. Mobility in soil

No information available.

12.5. Results of PBT and vPvB assessment

This mixture contains no substance considered to be persistent, bioaccumulating or toxic (PBT). This mixture contains no substance considered to be very persistent nor very bioaccumulating (vPvB).

12.6. Endocrine disrupting properties

No information available.

12.7. Other adverse effects

No information available.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Waste from residues/unused products Dispose of waste in accordance with environmental legislation. Dispose of in accordance with local regulations.

Contaminated packaging Improper disposal or reuse of this container may be dangerous and illegal.

Other Information Empty containers should be taken to an approved waste handling site for recycling or disposal. Do not dispose of clean-up water down the drain. IBC's must not be re-used for drinking water or containing foodstuffs. Treated wood waste should be disposed of by a method approved by the local authority. Treated waste should not be used for animal bedding.

SECTION 14: Transport information

IATA

14.1 UN number or ID number UN3082
14.2 Proper shipping name ENVIRONMENTALLY HAZARDOUS SUBSTANCES, LIQUID, N.O.S. (Copper, granulated)
14.3 Transport hazard class(es) 9
14.4 Packing group III
Description UN3082, ENVIRONMENTALLY HAZARDOUS SUBSTANCES, LIQUID, N.O.S. (Copper, granulated), 9, III
14.5 Environmental hazard Yes
14.6 Special precautions for user
Special Provisions A3, A803

IMDG

14.1 UN number or ID number UN3082
14.2 Proper shipping name ENVIRONMENTALLY HAZARDOUS SUBSTANCES, LIQUID, N.O.S. (Copper, granulated)

Note:

14.3 Transport hazard class(es)	9
14.4 Packing Group	III
Description	UN3082, ENVIRONMENTALLY HAZARDOUS SUBSTANCES, LIQUID, N.O.S. (Copper, granulated), 9, III, Marine pollutant
14.5 Environmental hazard	Yes
14.6 Special precautions for user	
Special Provisions	274, 335, 969
EmS-No	F-A, S-F
14.7 Maritime transport in bulk according to IMO instruments	No information available

RID

14.1 UN/ID no	UN3082
14.2 Proper shipping name	ENVIRONMENTALLY HAZARDOUS SUBSTANCES, LIQUID, N.O.S. (Copper, granulated)
14.3 Transport hazard class(es)	9
14.4 Packing Group	III
Description	UN3082, ENVIRONMENTALLY HAZARDOUS SUBSTANCES, LIQUID, N.O.S. (Copper, granulated), 9, III
14.5 Environmental hazard	Yes
14.6 Special precautions for user	
Special Provisions	274
Classification code	M6

ADR

14.1 UN number or ID number	3082
14.2 Proper shipping name	ENVIRONMENTALLY HAZARDOUS SUBSTANCES, LIQUID, N.O.S. (Copper, granulated)
14.3 Transport hazard class(es)	9
14.4 Packing Group	III
Description	3082, ENVIRONMENTALLY HAZARDOUS SUBSTANCES, LIQUID, N.O.S. (Copper, granulated), 9, III
14.5 Environmental hazard	Yes
14.6 Special precautions for user	
Special Provisions	274, 335, 601, 375
Classification code	M6
Tunnel restriction code	(-)

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

National regulations

France

Chemical name	French RG number
2-aminoethanol 141-43-5	RG 49,RG 49bis

Water hazard class (WGK) Water endangering class = 3 (self classification)

Netherlands

Chemical name	Netherlands - List of Carcinogens	Netherlands - List of Mutagens	Netherlands - List of Reproductive Toxins
Propiconazole			Development Category 1B
Tebuconazole			Development Category 2

Note:

European Union

Take note of Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work.

Authorisations and/or restrictions on use:

This product does not contain substances subject to authorisation (Regulation (EC) No. 1907/2006 (REACH), Annex XIV) This product does not contain substances subject to restriction (Regulation (EC) No. 1907/2006 (REACH), Annex XVII)

Persistent Organic Pollutants

Not applicable

Ozone-depleting substances (ODS) regulation (EC) 1005/2009

Not applicable

15.2. Chemical safety assessment

Chemical Safety Report No information available

SECTION 16: Other information

Key or legend to abbreviations and acronyms used in the safety data sheet

Full text of H-Statements referred to under section 3

H301 - Toxic if swallowed
H302 - Harmful if swallowed
H312 - Harmful 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
H332 - Harmful if inhaled
H335 - May cause respiratory irritation
H360D - May damage the unborn child
H361d - Suspected of damaging the unborn child
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
H412 - Harmful to aquatic life with long lasting effects

Legend

SVHC: Substances of Very High Concern for Authorisation:

Legend Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

TWA	TWA (time-weighted average)	STEL	STEL (Short Term Exposure Limit)
Ceiling	Maximum limit value	*	Skin designation
+	Sensitisers		

Key literature references and sources for data used to compile the SDS

Agency for Toxic Substances and Disease Registry (ATSDR)
U.S. Environmental Protection Agency ChemView Database

Note:

European Food Safety Authority (EFSA)
European Chemicals Agency (ECHA) Committee for Risk Assessment (ECHA_RAC)
European Chemicals Agency (ECHA) (ECHA_API)
EPA (Environmental Protection Agency)
Acute Exposure Guideline Level(s) (AEGL(s))
U.S. Environmental Protection Agency Federal Insecticide, Fungicide, and Rodenticide Act
U.S. Environmental Protection Agency High Production Volume Chemicals
Hazardous Substance Database
International Uniform Chemical Information Database (IUCLID)
National Institute of Technology and Evaluation (NITE)
Australian National Industrial Chemicals Notification and Assessment Scheme (NICNAS)
NIOSH (National Institute for Occupational Safety and Health)
National Library of Medicine's ChemID Plus (NLM CIP)
National Library of Medicine’s PubMed database (NLM PUBMED)
National Toxicology Program (NTP)
New Zealand's Chemical Classification and Information Database (CCID)

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Further information	The information contained in this safety data sheet is deemed sufficient to allow the user to take all necessary operational control and risk mitigation measures to allow safe use of the product. In the event of any further questions regarding use conditions for this product please contact the address in section 1.

This material safety data sheet complies with the requirements of Regulation (EC) No. 1907/2006

Disclaimer

The information provided in this Material Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

End of Safety Data Sheet

Note: