

WYRITOL DETERGENT DESINFECTANT 5I - 56072601

SAFETY DATA SHEET

(REACH regulation (EC) n° 1907/2006 - n° 453/2010)

SECTION 1 : IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1. Product identifier

Product name : WYRITOL DETERGENT DESINFECTANT 5I
Product code : 56072601.

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

Detergent disinfectant

1.3. Details of the supplier of the safety data sheet

Registered company name : PROVEN ORAPI.
Address : 225; Allée des Cèdres.01150.SAINT VULBAS .FRANCE.
Telephone : 0 810 400 402. Fax : 04 92 13 30 32.
FDS@orapi.com

1.4. Emergency telephone number : +33 (0)1 45 42 59 59.

Association/Organisation : INRS / ORFILA <http://www.centres-antipoison.net>.

SECTION 2 : HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture

In compliance with EC regulation No. 1272/2008 and its amendments.

Skin corrosion, Category 1A (Skin Corr. 1A, H314).
Specific target organ toxicity (single exposure), Category 3 (STOT SE 3, H335).
Hazardous to the aquatic environment - Acute hazard, Category 1 (Aquatic Acute 1, H400).
This mixture does not present a physical hazard. Refer to the recommendations regarding the other products present on the site.

In compliance with directives 67/548/EEC, 1999/45/EC and their amendments.

Corrosive (C, R 35).
Aquatic environmental hazard, acute toxicity: very toxic (N, R 50).
This mixture does not present a physical hazard. Refer to the recommendations regarding the other products present on the site.
This mixture does not present a health hazard with the exception of possible occupational exposure thresholds (see paragraphs 3 and 8).

2.2. Label elements

Biocidal detergent mixture (see section 15).

In compliance with EC regulation No. 1272/2008 and its amendments.

Hazard pictograms :



GHS05



GHS09



GHS07

Signal Word :

DANGER

Product identifiers :

EC 205-483-3	2-AMINOETHANOL
EC 230-525-2	AMMONIUM CHLORIDE DIDECYLDIMETHYL
CAS 584-08-7	POTASSIUM CARBONATE
EC 200-573-9	TETRASODIUM ETHYLENE DIAMINE TETRAACETATE

Hazard statements :

H314	Causes severe skin burns and eye damage.
H335	May cause respiratory irritation.
H400	Very toxic to aquatic life.

Precautionary statements - General :

P102	Keep out of reach of children.
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Precautionary statements - Prevention :

P280	Wear protective gloves/protective clothing/eye protection/face protection.
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Precautionary statements - Response :

P301 + P330 + P331 IF SWALLOWED: rinse mouth. Do NOT induce vomiting.
P303 + P361 + P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.
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/doctor/...
P391 Collect spillage.

Other information :

Do not reuse the packaging.
Packaging must be disposed of as hazardous waste under the full responsibility of the holder of the waste.
Do not discharge waste into sewers or waterways.

2.3. Other hazards

The mixture does not contain substances classified as 'Substances of Very High Concern' (SVHC) \geq 0.1% published by the European Chemicals Agency (ECHA) under article 57 of REACH: <http://echa.europa.eu/fr/candidate-list-table>

The mixture satisfies neither the PBT nor the vPvB criteria for mixtures in accordance with annexe XIII of the REACH regulations EC 1907/2006.

SECTION 3 : COMPOSITION/INFORMATION ON INGREDIENTS

3.2. Mixtures

Composition :

Identification	(EC) 1272/2008	67/548/EEC	Note	%
CAS: 141-43-5 EC: 205-483-3 REACH: 01-2119486455-28 2-AMINOETHANOL	GHS07, GHS05 Dgr Acute Tox. 4, H302 Acute Tox. 4, H312 Skin Corr. 1B, H314 Acute Tox. 4, H332 STOT SE 3, H335	C C;R34 Xn;R20/21/22	[1]	2.5 \leq x % < 10
CAS: 7173-51-5 EC: 230-525-2 AMMONIUM CHLORIDE DIDECYLDIMETHYL	GHS06, GHS05, GHS09 Dgr Acute Tox. 3, H301 Skin Corr. 1B, H314 Aquatic Acute 1, H400 M Acute = 10	C,N C;R34 Xn;R22 N;R50		2.5 \leq x % < 10
CAS: 584-08-7 REACH: 01-2119532646-36 POTASSIUM CARBONATE	GHS07 Wng Skin Irrit. 2, H315 Eye Irrit. 2, H319 STOT SE 3, H335	Xi Xi;R36/37/38		2.5 \leq x % < 10
INDEX: 603-117-00-0 CAS: 67-63-0 EC: 200-661-7 REACH: 01-2119457558-25 PROPAN-2-OL	GHS02, GHS07 Dgr Flam. Liq. 2, H225 Eye Irrit. 2, H319 STOT SE 3, H336	Xi,F Xi;R36 F;R11 R67	[1]	2.5 \leq x % < 10
CAS: 64-02-8 EC: 200-573-9 REACH: 01-2119486762-27 TETRASODIUM ETHYLENE DIAMINE TETRAACETATE	GHS07, GHS05, GHS08 Dgr Acute Tox. 4, H302 Eye Dam. 1, H318 Acute Tox. 4, H332 STOT RE 2, H373	Xn Xn;R48/20-R20/22 Xi;R41		0 \leq x % < 2.5

Information on ingredients :

[1] Substance for which maximum workplace exposure limits are available.

SECTION 4 : FIRST AID MEASURES

As a general rule, in case of doubt or if symptoms persist, always call a doctor.
NEVER induce swallowing by an unconscious person.

4.1. Description of first aid measures

In the event of exposure by inhalation :

In the event of massive inhalation, remove the person exposed to fresh air. Keep warm and at rest.

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If the person is unconscious, place in recovery position. Notify a doctor in all events, to ascertain whether observation and supportive hospital care will be necessary.

If breathing is irregular or has stopped, effect mouth-to-mouth resuscitation and call a doctor.

In the event of splashes or contact with eyes :

Wash thoroughly with soft, clean water for 15 minutes holding the eyelids open.

Regardless of the initial state, refer the patient to an ophthalmologist and show him the label.

In the event of splashes or contact with skin :

Remove any soiled or splashed clothing immediately.

Watch out for any remaining product between skin and clothing, watches, shoes, etc.

If the contaminated area is widespread and/or there is damage to the skin, a doctor must be consulted or the patient transferred to hospital.

In contact with skin, rinse with water for at least 15 minutes. Consult a doctor.

In the event of swallowing :

Do not give the patient anything orally.

Seek medical attention immediately, showing the label.

DO NOT induce vomiting. Keep at rest.

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

No data available.

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

No data available.

SECTION 5 : FIREFIGHTING MEASURES

Non-flammable.

5.1. Extinguishing media

Suitable methods of extinction

In the event of a fire, use :

- sprayed water or water mist
- foam
- powder
- carbon dioxide (CO₂)

Unsuitable methods of extinction

In the event of a fire, do not use :

- water jet

5.2. Special hazards arising from the substance or mixture

A fire will often produce a thick black smoke. Exposure to decomposition products may be hazardous to health.

Do not breathe in smoke.

In the event of a fire, the following may be formed :

- carbon monoxide (CO)
- carbon dioxide (CO₂)

5.3. Advice for firefighters

Due to the toxicity of the gas emitted on thermal decomposition of the products, fire-fighting personnel are to be equipped with autonomous insulating breathing apparatus.

SECTION 6 : ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

Consult the safety measures listed under headings 7 and 8.

For non first aid worker

Avoid inhaling the vapors.

Avoid any contact with the skin and eyes.

If a large quantity has been spilt, evacuate all personnel and only allow intervention by trained operators equipped with safety apparatus.

For first aid worker

First aid workers will be equipped with suitable personal protective equipment (See section 8).

6.2. Environmental precautions

Contain and control the leaks or spills with non-combustible absorbent materials such as sand, earth, vermiculite, diatomaceous earth in drums for waste disposal.

Prevent any material from entering drains or waterways.

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6.3. Methods and material for containment and cleaning up

Neutralise with an acidic decontaminant.

If the ground is contaminated, once the product has been recovered by sponging with an inert and non-combustible absorbent material, wash the contaminated area in plenty of water.

Clean preferably with a detergent, do not use solvents.

6.4. Reference to other sections

No data available.

SECTION 7 : HANDLING AND STORAGE

Requirements relating to storage premises apply to all facilities where the mixture is handled.

7.1. Precautions for safe handling

Always wash hands after handling.

Remove and wash contaminated clothing before re-using.

Emergency showers and eye wash stations will be required in facilities where the mixture is handled constantly.

Fire prevention :

Handle in well-ventilated areas.

Prevent access by unauthorised personnel.

Recommended equipment and procedures :

For personal protection, see section 8.

Observe precautions stated on label and also industrial safety regulations.

Avoid inhaling vapors. Carry out any industrial operation which may give rise to this in a sealed apparatus.

Provide vapor extraction at the emission source and also general ventilation of the premises.

Also provide breathing apparatus for certain short tasks of an exceptional nature and for emergency interventions.

In all cases, recover emissions at source.

Prohibited equipment and procedures :

No smoking, eating or drinking in areas where the mixture is used.

7.2. Conditions for safe storage, including any incompatibilities

Keep the container away from heat, bad weather, dampness and freezing.

Storage

Keep out of reach of children.

Keep the container tightly closed in a dry, well-ventilated place.

Packaging

Always keep in packaging made of an identical material to the original.

7.3. Specific end use(s)

No data available.

SECTION 8 : EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control parameters

Occupational exposure limits :

- European Union (2009/161/EU, 2006/15/EC, 2000/39/EC, 98/24/EC)

CAS	VME-mg/m3	VME-ppm	VLE-mg/m3	VLE-ppm	Notes
141-43-5	2.5	1	7.6	3	Peau

- ACGIH TLV (American Conference of Governmental Industrial Hygienists, Threshold Limit Values, 2010) :

CAS	TWA	STEL	Ceiling	Definition	Criteria
141-43-5	3 ppm	6 ppm	-	-	-
67-63-0	200 ppm	400 ppm	-	-	-

- Germany - AGW (BAuA - TRGS 900, 21/06/2010) :

CAS	VME	VME	Excess	Notes
141-43-5	2 ml/m3	5,1 mg/m3	2(I)	DFG, H, Y
67-63-0	200 ml/m3	500 mg/m3	2(II)	DFG, Y

- France (INRS - ED984 :2008) :

CAS	VME-ppm	VME-mg/m3	VLE-ppm	VLE-mg/m3	Notes	TMP No
141-43-5	1	2.5	3	7.6	-	49, 49 Bis
67-63-0	-	-	400	980	-	84

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- Switzerland (SUVA 2009) :

CAS	VME-mg/m3	VME-ppm	VLE-mg/m3	VLE-ppm	Temps :	RSB :
141-43-5	5	2	10	4	4x15	S
67-63-0	500	200	1000	400	4x15	B

- UK / WEL (Workplace exposure limits, EH40/2005, 2007) :

CAS	TWA :	STEL :	Ceiling :	Definition :	Criteria :
141-43-5	3 ppm	6 ppm	-	-	-
67-63-0	400 ppm	500 ppm	-	-	-

Derived no effect level (DNEL) or derived minimum effect level (DMEL):

PROPAN-2-OL (CAS: 67-63-0)

Final use:

Exposure method:
 Potential health effects:
 DNEL :

Workers.

Dermal contact.
 Long term systemic effects.
 888 mg/kg body weight/day

Exposure method:
 Potential health effects:
 DNEL :

Inhalation.
 Long term systemic effects.
 500 mg of substance/m3

Final use:

Exposure method:
 Potential health effects:
 DNEL :

Consumers.

Ingestion.
 Long term systemic effects.
 26 mg/kg body weight/day

Exposure method:
 Potential health effects:
 DNEL :

Dermal contact.
 Long term systemic effects.
 319 mg/kg body weight/day

Exposure method:
 Potential health effects:
 DNEL :

Inhalation.
 Long term systemic effects.
 89 mg of substance/m3

Predicted no effect concentration (PNEC):

PROPAN-2-OL (CAS: 67-63-0)

Environmental compartment:
 PNEC :

Soil.
 28 mg/kg

Environmental compartment:
 PNEC :

Fresh water.
 140.9 mg/l

Environmental compartment:
 PNEC :

Sea water.
 140.9 mg/l

Environmental compartment:
 PNEC :

Intermittent waste water.
 140.9 mg/l

Environmental compartment:
 PNEC :

Fresh water sediment.
 552 mg/kg

Environmental compartment:
 PNEC :

Marine sediment.
 552 mg/kg

Environmental compartment:
 PNEC :

Waste water treatment plant.
 2251 mg/l

8.2. Exposure controls

Personal protection measures, such as personal protective equipment

Use personal protective equipment that is clean and has been properly maintained.

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Store personal protective equipment in a clean place, away from the work area.

Never eat, drink or smoke during use. Remove and wash contaminated clothing before re-using. Ensure that there is adequate ventilation, especially in confined areas.

- Eye / face protection

Avoid contact with eyes.

Use eye protectors designed to protect against liquid splashes

Before handling, wear safety goggles with protective sides accordance with standard EN166.

In the event of high danger, protect the face with a face shield.

Prescription glasses are not considered as protection.

Individuals wearing contact lenses should wear prescription glasses during work where they may be exposed to irritant vapours.

Provide eyewash stations in facilities where the product is handled constantly.

- Hand protection

Use suitable protective gloves that are resistant to chemical agents in accordance with standard EN374.

Gloves must be selected according to the application and duration of use at the workstation.

Protective gloves need to be selected according to their suitability for the workstation in question : other chemical products that may be handled, necessary physical protections (cutting, pricking, heat protection), level of dexterity required.

Type of gloves recommended :

- Natural latex

- PVC (polyvinyl chloride)

Recommended properties :

- Impervious gloves in accordance with standard EN374

- Body protection

Avoid skin contact.

Wear suitable protective clothing.

Suitable type of protective clothing :

In the event of substantial spatter, wear liquid-tight protective clothing against chemical risks (type 3) in accordance with EN14605 to prevent skin contact.

In the event of a risk of splashing, wear protective clothing against chemical risks (type 6) in accordance with EN13034 to prevent skin contact.

Wear suitable protective clothing, in particular overalls and boots. These items must be kept in good condition and cleaned after use.

Work clothing worn by personnel shall be laundered regularly.

After contact with the product, all parts of the body that have been soiled must be washed.

- Respiratory protection

Avoid breathing vapours.

If the ventilation is insufficient, wear appropriate breathing apparatus.

When workers are confronted with concentrations that are above occupational exposure limits, they must wear a suitable, approved, respiratory protection device.

Anti-gas and vapour filter(s) (Combined filters) in accordance with standard EN14387 :

- A1 (Brown)

SECTION 9 : PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

General information :

Physical state : Fluid liquid.

Odour : Pine

Important health, safety and environmental information

pH : 12.50 .

Strongly basic.

pH (aqueous solution) : 11.00 +/- 0.5 à 1%

Boiling point/boiling range : Not specified.

Flash point interval : Not relevant.

Vapour pressure (50°C) : Not relevant.

Density : > 1

Water solubility : Soluble.

Melting point/melting range : Not specified.

Self-ignition temperature : Not specified.

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Decomposition point/decomposition range : Not specified.

9.2. Other information

No data available.

SECTION 10 : STABILITY AND REACTIVITY

10.1. Reactivity

No data available.

10.2. Chemical stability

This mixture is stable under the recommended handling and storage conditions in section 7.

10.3. Possibility of hazardous reactions

No data available.

10.4. Conditions to avoid

Avoid :

- frost
- heat

10.5. Incompatible materials

Keep away from :

- acids

10.6. Hazardous decomposition products

The thermal decomposition may release/form :

- carbon monoxide (CO)
- carbon dioxide (CO₂)

SECTION 11 : TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects

May cause irreversible damage to the skin; namely, visible necrosis through the epidermis and into the dermis, following exposure for up to three minutes.

Corrosive reactions are typified by ulcers, bleeding, bloody scabs, and, by the end of observation at 14 days, by discolouration due to blanching of the skin, complete areas of alopecia, and scars.

Respiratory tract irritation may occur, together with symptoms such as coughing, choking and breathing difficulties.

11.1.1. Substances

Acute toxicity :

TETRASODIUM ETHYLENE DIAMINE TETRAACETATE (CAS: 64-02-8)

Oral route : LD50 = 1780 mg/kg

Inhalation route (Dusts/mist) : 1 < LC50 <= 5 mg/l
Species : Rat

AMMONIUM CHLORIDE DIDECYLDIMETHYL (CAS: 7173-51-5)

Oral route : LD50 = 238 mg/kg
Species : Rat
OECD Guideline 401 (Acute Oral Toxicity)

Species : Rabbit

2-AMINOETHANOL (CAS: 141-43-5)

Oral route : LD50 = 1515 mg/kg
Species : Rat
OECD Guideline 401 (Acute Oral Toxicity)

Dermal route : LD50 = 1025 mg/kg
Species : Rabbit

Inhalation route : LC50 > 1.3 mg/l

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Specific target organ systemic toxicity - single exposure :

AMMONIUM CHLORIDE DIDECYLDIMETHYL (CAS: 7173-51-5)
Inhalation route (Vapours) : C > 20 mg/l/4h

11.1.2. Mixture

Skin corrosion/skin irritation :

Corrosive classification is based on an extreme pH value.

SECTION 12 : ECOLOGICAL INFORMATION

Highly toxic to aquatic life.

The product must not be allowed to run into drains or waterways.

12.1. Toxicity

12.1.1. Substances

TETRASODIUM ETHYLENE DIAMINE TETRAACETATE (CAS: 64-02-8)
Fish toxicity : LC50 > 100 mg/l
Duration of exposure : 96 h

Crustacean toxicity : EC50 > 500 mg/l
Species : Daphnia magna
Duration of exposure : 24 h

Algae toxicity : ECr50 > 100 mg/l
Duration of exposure : 72 h

AMMONIUM CHLORIDE DIDECYLDIMETHYL (CAS: 7173-51-5)
Fish toxicity : LC50 = 0.19 mg/l
Factor M = 1
Species : Pimephales promelas
Duration of exposure : 96 h

Crustacean toxicity : EC50 = 0.062 mg/l
Factor M = 10
Species : Daphnia magna
Duration of exposure : 48 h

Algae toxicity : ECr50 = 0.026 mg/l
Factor M = 10
Species : Pseudokirchnerella subcapitata
Duration of exposure : 96 h

12.1.2. Mixtures

No aquatic toxicity data available for the mixture.

12.2. Persistence and degradability

12.2.1. Substances

TETRASODIUM ETHYLENE DIAMINE TETRAACETATE (CAS: 64-02-8)
Biodegradability : Non-rapidly degradable.

AMMONIUM CHLORIDE DIDECYLDIMETHYL (CAS: 7173-51-5)
Biodegradability : Rapidly degradable.

12.3. Bioaccumulative potential

12.3.1. Substances

AMMONIUM CHLORIDE DIDECYLDIMETHYL (CAS: 7173-51-5)
Octanol/water partition coefficient : log K_{ow} = 1.2

12.4. Mobility in soil

No data available.

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12.5. Results of PBT and vPvB assessment

No data available.

12.6. Other adverse effects

No data available.

SECTION 13 : DISPOSAL CONSIDERATIONS

Proper waste management of the mixture and/or its container must be determined in accordance with Directive 2008/98/EC.

13.1. Waste treatment methods

Do not pour into drains or waterways.

Waste :

Waste management is carried out without endangering human health, without harming the environment and, in particular without risk to water, air, soil, plants or animals.

Recycle or dispose of waste in compliance with current legislation, preferably via a certified collector or company.

Do not contaminate the ground or water with waste, do not dispose of waste into the environment.

Soiled packaging :

Empty container completely. Keep label(s) on container.

Give to a certified disposal contractor.

SECTION 14 : TRANSPORT INFORMATION

Transport product in compliance with provisions of the ADR for road, RID for rail, IMDG for sea and ICAO/IATA for air transport (ADR 2013 - IMDG 2012 - ICAO/IATA 2014).

14.1. UN number

3266

14.2. UN proper shipping name

UN3266=CORROSIVE LIQUID, BASIC, INORGANIC, N.O.S.

(2-aminoethanol, ammonium chloride didecyldimethyl)

14.3. Transport hazard class(es)

- Classification :



8

14.4. Packing group

II

14.5. Environmental hazards

- Environmentally hazardous material :



14.6. Special precautions for user

ADR/RID	Class	Code	Pack gr.	Label	Ident.	LQ	Provis.	EQ	Cat.	Tunnel
	8	C5	II	8	80	1 L	274	E2	2	E

IMDG	Class	2°Label	Pack gr.	LQ	EMS	Provis.	EQ
	8	-	II	1 L	F-A,S-B	274	E2

IATA	Class	2°Label	Pack gr.	Passager	Passager	Cargo	Cargo	note	EQ
	8	-	II	851	1 L	855	30 L	A3 A803	E2
	8	-	II	Y840	0.5 L	-	-	A3 A803	E2

For limited quantities, see part 2.7 of the OACI/IATA and chapter 3.4 of the ADR and IMDG.

For excepted quantities, see part 2.6 of the OACI/IATA and chapter 3.5 of the ADR and IMDG.

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14.7. Transport in bulk according to Annex II of Marpol and the IBC Code

No data available.

SECTION 15 : REGULATORY INFORMATION

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

- Classification and labelling information included in section 2:

The following regulations have been used:

- Directive 67/548/EEC and its adaptations
- Directive 1999/45/EC and its adaptations
- EU Regulation No. 1272/2008 amended by EU Regulation No. 487/2013.
- EU Regulation No. 1272/2008 amended by EU Regulation No. 758/2013.
- EU Regulation No. 1272/2008 amended by EU Regulation No. 944/2013.
- EU Regulation No. 1272/2008 amended by EU Regulation No. 605/2014.

- Container information:

No data available.

- Particular provisions :

No data available.

- Labelling for detergents (EC Regulation No. 648/2004,907/2006) :

- 5 % or over but less than 15 % : nonionic surfactants
- less than 5 % : EDTA and salts thereof
- disinfectants
- perfumes

- Labelling for biocidal products (Regulation 1896/2000, 1687/2002, 2032/2003, 1048/2005, 1849/2006, 1451/2007 and Directive 98/8/EC) :

Name	CAS	%	Product-type
AMMONIUM CHLORIDE DIDECYLDIMETHYL	7173-51-5	69.15 g/kg	02

Product-type 2 : Disinfectants and algacides not intended for direct application to humans or animals.

15.2. Chemical safety assessment

No data available.

SECTION 16 : OTHER INFORMATION

Since the user's working conditions are not known by us, the information supplied on this safety data sheet is based on our current level of knowledge and on national and community regulations.

The mixture must not be used for other uses than those specified in section 1 without having first obtained written handling instructions.

It is at all times the responsibility of the user to take all necessary measures to comply with legal requirements and local regulations.

The information in this safety data sheet must be regarded as a description of the safety requirements relating to the mixture and not as a guarantee of the properties thereof.

The use of the preparation is restricted to professional users.

Modifications brought with regard to the previous version :

- Passage CLP

In compliance with directives 67/548/EEC, 1999/45/EC and their amendments.

Hazard symbols :



Corrosive



Dangerous for the environment

Contains :

EC 230-525-2 AMMONIUM CHLORIDE DIDECYLDIMETHYL
EC 205-483-3 2-AMINOETHANOL

Risk phrase :

R 50 Very toxic to aquatic organisms.
R 35 Causes severe burns.

Safety phrase :

S 26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

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S 36/37/39	Wear suitable protective clothing, gloves and eye/face protection.
S 45	In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).
S 61	Avoid release to the environment. Refer to special instructions/Safety data sheets. contact the Poison Control Center Packaging must be disposed of as hazardous waste under the full responsibility of the holder of the waste. Do not discharge waste into sewers or waterways. Do not reuse the packaging.
S 27	Take off immediately all contaminated clothing.
S 28	After contact with skin, wash immediately with plenty of water
S 2	Keep out of the reach of children.

Wording of the phrases mentioned in section 3 :

H225	Highly flammable liquid and vapour.
H301	Toxic if swallowed.
H302	Harmful if swallowed.
H302 + H332	Harmful if swallowed or if inhaled.
H312	Harmful in contact with skin.
H314	Causes severe skin burns and eye damage.
H315	Causes skin irritation.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H332	Harmful if inhaled.
H335	May cause respiratory irritation.
H336	May cause drowsiness or dizziness.
H373	May cause damage to organs through prolonged or repeated exposure .
H400	Very toxic to aquatic life.
R 11	Highly flammable.
R 20/21/22	Harmful by inhalation, in contact with skin and if swallowed.
R 20/22	Harmful by inhalation and if swallowed.
R 22	Harmful if swallowed.
R 34	Causes burns.
R 36	Irritating to eyes.
R 36/37/38	Irritating to eyes, respiratory system and skin.
R 41	Risk of serious damage to eyes.
R 48/20	Harmful: danger of serious damage to health by prolonged exposure through inhalation.
R 50	Very toxic to aquatic organisms.
R 67	Vapours may cause drowsiness and dizziness.

Abbreviations :

DNEL	: Derived No-Effect Level
PNEC	: Predicted No-Effect Concentration
ADR	: European agreement concerning the international carriage of dangerous goods by Road.
IMDG	: International Maritime Dangerous Goods.
IATA	: International Air Transport Association.
ICAO	: International Civil Aviation Organisation
RID	: Regulations concerning the International carriage of Dangerous goods by rail.
WGK	: Wassergefährdungsklasse (Water Hazard Class).
GHS05	: Corrosion
GHS07	: Exclamation mark
GHS09	: Environment