

DATA AND SAFETY SHEET



AQUANET STABILIZER FOR WATER BATH

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

Identification of preparation : **AQUANET [ref 0301(100mL)]**

Additional informations Disinfectant cleaner/ professional use

Company identification

Manufacturer 
Seller 

MC2
2 ALLEE ALAN TURING
63170 AUBIERE
Tel : 04 73 28 99 99
www.mc2lab.fr

Emergency call number: 33-(0)1-45-42-59-59.

Company/Organization : INRS

SECTION 2 : HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture :

In accordance with Regulation (EC) No. 1272/2008 and its adaptations.

Skin corrosion, Category 1B (Skin Corr. 1B, H314).

Serious eye damage, Category 1 (Eye Dam. 1, H318)

Acute toxicity for the aquatic environment, Category 1 (Aquatic Acute 1, H400).

Chronic toxicity for the aquatic environment, Category 2 (Aquatic Chronic 2, H411).

This mixture does not present any physical danger. See the recommendations concerning other products present in the room.

2.2. Label elements

The mixture is a detergent product for biocidal use (see section 15).

In accordance with Regulation (EC) No. 1272/2008 and its adaptations.

Danger pictograms:



GHS05



GHS09

Signal word:

HAZARD

Product identifier:

CAS 7173-51-5 DIDECYLDIMETHYLAMMONIUM CHLORIDE

Hazard statements and additional hazard information:

H314 Causes serious skin burns and eye damage.

H410 Very toxic to aquatic organisms, causes long-term adverse effects. Precautionary advice - Prevention:

P260 Do not breathe mists, vapors

P273 Avoid release to the environment.

P280 Wear protective gloves/protective clothing/eye protection/face protection/hearing protection/...

Precautionary advice - Intervention:

P301 + P330 + P331 IF SWALLOWED: Rinse mouth. DO NOT induce vomiting

P303 + P361 + P353 IF ON SKIN (or hair): Remove all contaminated clothing immediately. Rinse skin with water [or shower].

P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if the victim wears them and they can be easily removed. Continue rinsing.

P312 Call a POISON CENTER or doctor if you feel unwell.

Precautionary advice - Disposal:

P501 Dispose of contents and container as hazardous waste.

2.3. Autres dangers

The mixture does not contain 'Substances of Very High Concern' (SVHC) $\geq 0.1\%$ published by the European Products Agency Chemicals (ECHA) according to article 57 of REACH: <http://echa.europa.eu/fr/candidate-list-table>. Refer to section 3 to identify the substances concerned.

The mixture does not meet the criteria for PBT or vPvB mixtures, according to Annex XIII of REACH Regulation (EC) No. 1907/2006.

The mixture does not contain substances $\geq 0.1\%$ with endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605.

SECTION 3 : COMPOSITION/INFORMATION ON INGREDIENTS

Composition :

Identification	(CE) 1272/2008	Nota	%
CAS: 7173-51-5 EC :230-525-2 REACH :01-2119945987-15 DIDECYLDIMETHYLAMMONIUM CHLORIDE	GHS07, GHS05, GHS09 Dgr Acute Tox. 4, H302 Skin Corr. 1B, H314 Eye Dam. 1, H318 Aquatic Chronic 2, H411 Aquatic Acute 1, H400 M Acute = 10		10 \leq x % < 25
CAS: 68424-85-1 EC: 270-325-2 CHLORIDE ALKYL(C12- C16)DIMETHYLBENZYLAMMONIUM	GHS07, GHS05, GHS09 Dgr Acute Tox. 4, H302 Skin Corr. 1B, H314 Eye Dam. 1, H318 Aquatic Acute 1, H400 M Acute = 10 Aquatic Chronic 1, H410 M Chronic = 1		10 \leq x % < 25
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	[1]	2.5 \leq x % < 10
CAS: 69011-36-5 EC: 931-138-8 ISOTRIDEKANOL, ETHOXYLATED	GHS07, GHS05 Dgr Acute Tox. 4, H302 Eye Dam. 1, H318		2.5 \leq x % < 10

Specific concentration limits and estimation of acute toxicity

Identification	Limites de concentration spécifiques	ETA
CAS: 68424-85-1 EC :270-325-2 CHLORIDE ALKYL(C12- C16)DIMETHYLBENZYLAMMONIUM		Orale:ETA=795mg/kg PC
CAS :69011-36-5 EC: 931-138-8 ISOTRIDEKANOL, ETHOXYLATED	Eye Dam. 1: H318 C \geq 10% Eye Irrit.2:H319 1% \leq C<10%	

(Full text of H-phrases: see section 16)

Component Information:

[1] Substance for which there are exposure limit values in the workplace.

SECTION 4 : FIRST AID

Generally speaking, if in doubt or if symptoms persist, always seek medical attention. NEVER give anything to an unconscious person.

4.1. Description of first aid

If inhaled:

Move the person to fresh air.

If necessary call a doctor.

In case of contact with eyes:

Wash with plenty of clean, fresh water for 15 minutes, holding the eyelids apart. Whatever the initial condition, systematically refer the subject to an ophthalmologist, showing him the label.

In case of contact with skin:

Immediately remove any soiled or splashed clothing.

Be careful of any product that may remain between the skin and clothing, watches, shoes, etc.

When the contaminated area is large and/or if skin lesions appear, it is necessary to consult a doctor or be transferred to a hospital.

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

If swallowed:

Do not give anything by mouth.

Seek medical attention immediately and show the label to the physician.

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

No data is available.

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

No data is available.

SECTION 5 : FIRE FIGHTING MEASURES

Non-flammable.

5.1. Extinguishing means

Suitable extinguishing media

Foam, CO₂, powder

Unsuitable extinguishing media

Direct water jets.

5.2. Special hazards arising from the substance or mixture

A fire will often produce thick black smoke. Exposure to decomposition products may pose health risks. Do not breathe fumes.

In the event of a fire, the following may occur:

- carbon monoxide (CO)

- carbon dioxide (CO₂)

5.3. Advice for firefighters

No data is available.

SECTION 6 : MEASURES TO TAKE IN CASE OF ACCIDENTAL RELEASE

6.1. Personal precautions, protective equipment and emergency procedures

Refer to the protective measures listed in sections 7 and 8.

For non-rescuers

Avoid contact with skin and eyes.

For first aiders

Responders will be equipped with appropriate personal protective equipment (Refer to section 8).

6.2. Precautions for environmental protection

Contain and collect leaks with non-combustible absorbent materials, for example: sand, earth, vermiculite, diatomaceous earth in drums for waste disposal.

Prevent any entry into sewers or watercourses.

6.3. Methods and material for containment and cleaning up

Neutralize with an acid decontaminant.

If the floor is soiled, and after recovering the product by mopping it up with an inert, non-combustible absorbent material, wash the surface that has been soiled with plenty of water.

Clean preferably with detergent, avoid the use of solvents.

6.4. Reference to other sections

No data is available.

SECTION 7 : HANDLING AND STORAGE

The requirements relating to storage premises apply to workshops where the mixture is handled.

7.1. Precautions for safe handling

Wash your hands after each use.
Remove and wash contaminated clothing before reuse.
Provide safety showers and eye fountains in workshops where the mixture is handled constantly.
Fire prevention:
Prohibit access to unauthorized persons

Recommended equipment and procedures:

For personal protection, see section 8.

Observe the precautions indicated on the label as well as labor protection regulations.

Prohibited equipment and procedures:

Smoking, eating and drinking are prohibited in the premises where the mixture is used.

7.2. Conditions for safe storage, including any incompatibilities

No data is available.

Storage

Store away from heat, bad weather, humidity and frost.

Packaging

Always store in packaging made of the same material as the original.

7.3. Specific end use(s)

No data is available

SECTION 8 : EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control Settings

Occupational exposure limit values:

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

CAS	TWA :	STEL :	Ceiling :	Définition :	Critères :
67-63-0	200 ppm	400 ppm		A4; BEI	

- Germany - AGW (BAuA - TRGS 900, 02/2022) :

CAS	VME :	VME :	Dépassement	Remarques
67-63-0		200 ppm 500 mg/m3		2(II)

- France (INRS – Outils 65 / 2021-1849, 2021-1763, arrêté de 09/12/2021) :

CAS	VME-ppm :	VME-mg/m3 :	VLE-ppm :	VLE-mg/m3 :	Notes :	TMP N° :
67-63-0	-	-	400	980	-	84

Derived No Effect Level (DNEL) or Derived Minimum Effect Level (DMEL)

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

End use :

Route of exposure :
Potential health effects:
DNEL :

Workers

skin contact
Long-term systemic effects
888 mg/kg body weight/day

Route of exposure:
Potential health effects:
DNEL :

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

End use :

Route of exposure:
Potential health effects:
DNEL :

Consumers

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

Route of exposure:
Potential health effects:
DNEL :

skin contact
Long-term systemic effects
319 mg/kg body weight/day

Route of exposure:
Potential health effects:
DNEL :

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

Predicted No Effect Concentration (PNEC):

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

Environmental compartment:
Ground

PNEC :	28 mg/kg
Environmental compartment: Fresh water	
PNEC :	140.9 mg/l
Environmental compartment: Sea water	
PNEC :	140.9 mg/l
Environmental compartment: Intermittent discharge water	
PNEC :	140.9 mg/l
Environmental compartment: Fresh water sediment	
PNEC :	552 mg/kg
Environmental compartment: Marine sediment	
PNEC :	552 mg/kg
Environmental compartment: Wastewater treatment plant	
PNEC :	2251 mg/l

8.2. Exposure controls

Individual protection measures, such as personal protective equipment

Use clean and properly maintained personal protective equipment.

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

When using, do not eat, drink or smoke. Remove and wash contaminated clothing before reuse.

Ensure adequate ventilation, especially in enclosed areas.

- Eye/face protection

Avoid contact with eyes.

Use eye protection designed against liquid splashes.

Before any handling, it is necessary to wear glasses with side protection complying with standard NF EN166. In case of increased danger, use a face shield for facial protection.

Wearing corrective glasses does not constitute protection.

Contact lens wearers are recommended to use corrective lenses when working where they may be exposed to irritating vapors.

Provide eye fountains in workshops where the product is handled constantly.

- Hand protection

Use appropriate protective gloves resistant to chemical agents complying with EN ISO 374-1.

Glove selection must be made based on the application and duration of use at the workstation.

Protective gloves must be chosen according to the workstation: other chemicals that can be handled, physical protection required (cut, puncture, thermal protection), dexterity required.

Recommended type of gloves:

- Butyl Rubber (Isobutylene-isoprene copolymer)

-Nitrile Rubber (Butadiene-Acrylonitrile Copolymer (NBR))

-PVC (Polyvinyl chloride)

-Natural latex

- Body protection

Avoid contact with skin.

Wear appropriate protective clothing. Suitable type of protective clothing:

In the event of strong splashes, wear liquid-tight chemical protective clothing (type 3) complying with standard NF EN14605/A1 to avoid any contact with the skin.

If there is a risk of splashing, wear chemical protective clothing (type 6) complying with standard NF EN13034/A1 to avoid any contact with the skin.

Wear appropriate protective clothing and in particular an apron and boots. These effects will be kept in good condition and cleaned after use.

Suitable type of protective boots:

In the event of slight projections, wear boots or half-boots with a resistant sole and upper that are impervious to liquid chemicals complying with standard NF EN13832-3.

Staff will wear regularly laundered work clothing.

After contact with the product, all contaminated parts of the body must be washed.

-Respiratory protection

Class : FFP1

SECTION 9 : PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on essential physical and chemical properties

Physical State: Fluid Liquid.

Color: blue

Smell: pine

Olfactory threshold: Not specified

Melting point/range: Not applicable

Freezing point/range: Not specified

Boiling point/range: Not applicable

Flammability (solid, gas):

Lower and upper explosion limits

Explosion hazards, lower explosive limit (%): Not specified

Explosion hazards, upper explosive limit (%): Not specified

Flash point interval: Not applicable

Auto-ignition point/interval: Not applicable

Decomposition point/interval: Not applicable

pH in aqueous solution: Not specified

pH: 10.00 +/- 0.5

Weak base.

Kinematic viscosity

Viscosity: Not specified

Water solubility Dilutable

Fat solubility: Not specified

Partition coefficient n-octanol/water (log value): Not specified

Vapor pressure (50°C): Not concerned

Density: = 1

Vapor density: Not specified

9.2. Other information

No data is available.

9.2.1. Information regarding physical hazard classes

No data is available.

9.2.2. Other safety features

No data is available.

SECTION 10 : STABILITY AND REACTIVITY

10.1. Reactivity

No data is available.

10.2. Chemical stability

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

10.3. Possibility of hazardous reactions

Exposed to high temperatures, the mixture may release hazardous decomposition products, such as carbon monoxide and dioxide, fumes, nitrogen oxides.

10.4. Conditions to avoid

Avoid :

- frost
- heat

10.5. Incompatible materials

Keep away from:

- strong acids
- oxidizing agents

10.6. Hazardous decomposition products

Thermal decomposition can release/form:

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

SECTION 11 : TOXICOLOGICAL INFORMATION

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

May cause irreversible skin damage, such as visible necrosis through the epidermis and into the dermis, following exposure for three minutes to one hour.

Corrosive reactions are characterised by ulceration, bleeding, bloody eschars and, at the end of a 14-day observation period, by discolouration due to whitening of the skin, areas of alopecia and scarring.

11.1.1. Substances

Acute toxicity:

ISOTRIDEKANOL, ETHOXYLATED (CAS : 69011-36-5)

Orally:

300 < LD50 <= 2000 mg/kg
Species: Rat

Cutaneously:

LD50 > 2000 mg/kg
Species : Rabbit

ALKYL CHLORIDE (C12-C16) DIMETHYLBENZYLAMMONIUM(CAS : 68424-85-1)

Par voie orale :

LD50 = 750 mg/kg
Specie : Rat
Autres lignes directrices

Cutaneously:

LD50 > 5000 mg/kg

Respiratory or skin sensitization:

ISOTRIDEKANOL, ETHOXYLATED (CAS: 69011-36-5)

Maximization test in guinea pigs (GMPT : Non-sensitizing

Guinea Pig Maximisation Test) :

Specie : Guinea pig

Germ cell mutagenicity:

ISOTRIDEKANOL, ETHOXYLATED (CAS:69011-3)-5)

No mutagenic effect

Carcinogenicity: Par voie orale :

ISOTRIDEKANOL, ETHOXYLATED (CAS: 69011-36-5)

Carcinogenicity test: Négatif.

No carcinogenic effects

Reproductive toxicity:

ISOTRIDEKANOL, ETHOXYLATED (CAS: 69011-36-5)

No toxic effects for reproduction

11.1.2. Blend

Acute toxicity:

Orally:

No effects observed.
LD50 > 5000 mg/kg

11.2. Information on other hazards

Substance(s) described in a toxicological sheet from the INRS (National Institute for Research and Safety):

- Propane-2-ol (CAS 67-63-0): See toxicological data sheet no. 66.

SECTION 12 : ECOLOGICAL INFORMATION

Very toxic to aquatic organisms, causes long-term effects.

Any flow of the product into sewers or watercourses must be avoided.

12.1. Toxicity

12.1.1. Substances

ISOTRIDEKANOL, ETHOXYLATED (CAS: 69011-36-5)

Toxicity to fish:

10 < LC50 <= 100 mg/L
Specie : Brachydanio rerio
Exposure time: 96 h
OECD Guideline 203 (Fish, acute toxicity test)

Toxicity to crustaceans:

1 < EC50 <= 10 mg/l
Specie : Daphnia magna
Exposure time: 48 h
OECD Guideline 202 (Daphnia sp., immediate immobilization test)

EC=2.6 mg/l

	Specie : <i>Daphnia magna</i> Exposure time: 21 days OECD Guideline 211 (<i>Daphnia magna</i> , breeding test)
Toxicity to algae:	$1 < \text{CEr50} \leq 10$ mg/l Specie : <i>Desmodesmus subspicatus</i> Exposure time: 72 h OECD Test Guideline 201 (Algae, Growth inhibition test)
CHLORURE D'ALKYL(C12-C16) DIMETHYLBENZYLAMMONIUM (CAS: 68424-85-1)	
Toxicity to fish:	LC50 = 0.85 mg/l Factor M = 1 Specie : <i>Oncorhynchus mykiss</i> Exposure time: 96 h OECD Guideline 203 (Fish, acute toxicity test)
	NOEC=0.0322mg/l Specie : <i>Pimephales promelas</i> Exposure time: 28 jours EPA OPP 72-4 (Fish Early Life-Stage and Aquatic Invertebrate Life-Cycle Studies)
Toxicity to crustaceans:	EC50 = 0.016 mg/l Specie : <i>Daphnia magna</i> Exposure time: 48 h
	NOEC = 0.025 mg/l Specie : <i>Daphnia magna</i> Exposure time: 21 days OECD Guideline 211 (<i>Daphnia magna</i> , breeding test)
Toxicity to algae:	CEr50 = 0.02 mg/l Specie : <i>Selenastrum capricornutum</i> Exposure time: 72 h OECD Test Guideline 201 (Algae, Growth inhibition test)
	EC10 = 0.0025 mg/l Factor M = 1 Specie : <i>Selenastrum capricornutum</i> Exposure time: 72 h OECD Test Guideline 201 (Algae, Growth inhibition test)
DIDECYLDIMETHYLAMMONIUM CHLORIDE (CAS: 7173-51-5)	
Toxicity to fish:	LC50 = 0,49 mg/l Specie : <i>Brachydanio rerio</i> Exposure time: 96 h OECD Guideline 203 (Fish, acute toxicity test)
Toxicity to crustaceans:	LC50 = 0,03 mg/l Specie : <i>Daphnia magna</i> Exposure time: 48 h OECD Guideline 202 (<i>Daphnia</i> sp, immediate immobilization test)
	NOEC = 0.021 mg/l Specie : <i>Daphnia magna</i> Exposure time: 21 days OECD Guideline 211 (<i>Daphnia magna</i> , breeding test)
Toxicity to algae:	CEr50 = 0.06 mg/l Specie : <i>Selenastrum capricornutum</i> Exposure time: 72 h OECD Test Guideline 201 (Algae, Growth inhibition test)
	NOEC = 0.013 mg/l Factor M = 1 Specie : <i>Pseudokirchnerella subcapitata</i> Exposure time: 72 h OECD Test Guideline 201 (Algae, Growth inhibition test)

12.1.2. Mixtures

No aquatic toxicity information is available on the mixture.

12.2. Persistence and degradability

12.2.1. Substances

ISOTRIDEKANOL, ETHOXYLATED (CAS: 69011-36-5)

Biodegradation : Rapidly degradable

ALKYL(C12-C16)DIMETHYLBENZYLAMMONIUM CHLORIDE (CAS: 68424-85-1)

Biodegradation : Rapidly degradable

CHLORURE DE DIDECYLDIMETHYLAMMONIUM (CAS: 7173-51-5)

Biodegradation : Rapidly degradable

12.3. Bioaccumulation potential

12.3.1. Substances

DIDECYLDIMETHYLAMMONIUM CHLORIDE (CAS: 7173-51-5)

Bioconcentration factor

BCF=81

OECD Test Guideline 305 (Bioconcentration: Dynamic test in fish)

ALKYL(C12-C16)DIMETHYLBENZYLAMMONIUM CHLORIDE (CAS: 68424-85-1)

Octanol/water partition coefficient log K_{ow}=2.88

Bioconcentration factor: BCF = 79

Other guidelines

12.4. Mobility in the ground

No data is available.

12.5. Results of PBT and vPvB assessments

No data is available.

12.6. Endocrine-disrupting properties

No data is available.

12.7. Other adverse effects

No data is available.

SECTION 13 : DISPOSAL CONSIDERATIONS

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

13.1 Waste treatment methods

Do not pour into sewers or watercourses.

Waste:

Waste management is carried out without endangering human health and without harming the environment, and in particular without creating a risk for water, air, soil, fauna or flora.

Recycle or dispose of in accordance with current legislation, preferably by a collector or approved company. Do not contaminate soil or water with waste, do not dispose of it into the environment.

Soiled packaging:

Empty the container completely. Keep the label on the container. Return to an approved disposal company.

SECTION 14 : TRANSPORT INFORMATION

Transport the product in accordance with the provisions of ADR for road, RID for rail, IMDG for sea, and ICAO/IATA

For transport by air (ADR 2021 - IMDG 2020 - ICAO/IATA 2022 (63)).

14.1. UNO number or identification number

3267

14.2. UNO proper shipping name

UN3267=ORGANIC CORROSIVE LIQUID, BASIC, N.O.S.

(didecyldimethylammonium chloride, alkyl(c12-c16)dimethylbenzylammonium chloride)

14.3. Transport hazard class(es)

- Classification :



8

14.4. Packing group

II

14.5. Environmental hazards

- Material dangerous for the environment:



14.6. Special precautions to be taken by the user

ADR/RID	Class	Code	Group	label	Ident.	QL	Available	EQ	Cat.	Tunnel
	8	C7	II	8	80	1 L	274	E2	2	E

IMDG	Class	2°label	Group	QL	FS	Available	EQ	Handling lashing	Separation
	8	-	II	1 L	F-A,S-B	274	E2	Category B	SGG18 SG35

IATA	Class	2°label	Group	Passenger	Passenger	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 of dangerous goods, see ADR and IMDG chapter 3.4 and IATA part 2.7.
 For excepted quantities of dangerous goods, see ADR and IMDG chapter 3.5 and IATA part 2.6.
 Marine pollutant (IMDG 3.1.2.9): (didecyldimethylammonium chloride)

14.7. Bulk maritime transport in accordance with IMO instruments

No data available

SECTION 15 : REGULATORY INFORMATION

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

- Information relating to classification and labeling in section 2:

The following regulations have been taken into account:

Regulation (EC) No. 1272/2008 amended by Regulation (EU) No. 2022/692 (ATP 18)

- Packaging information :

The mixture does not contain any substance subject to restriction according to Annex XVII of the REACH Regulation (EC) n°1907/2006:
<https://echa.europa.eu/substance-restricted-under-reach>.

- Special provisions:

No data available

- Labeling of detergents (EC Regulation No. 648/2004 and 907/2006):

- less than 5% of: non-ionic surfactants
- disinfectants
- perfumes
- allergenic fragrances:

Methyl ionones
 hexyl cinnamal
 linalool

- Labeling of biocides (Regulation (EU) n°528/2012):

Name	CAS	%	Type of products
CHLORIDE DIDECYLDIMETHYLAMMONIUM	7173-51-5	150.00 g/kg	02 04
ALKYL(C12-C16) DIMETHYLBENZYLAMMONIUM CHLORIDE	68424-85-1	100.00 g/kg	02 04

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

Product type 4: Surfaces in contact with food and animal feed.

- Tables of occupational diseases according to the French Labor Code:

TMP No. Wording

65 Eczematous lesions of allergic mechanism.

84 Conditions caused by liquid organic solvents for professional use:

84 saturated or unsaturated aliphatic or cyclic liquid hydrocarbons and mixtures thereof; liquid halogenated hydrocarbons; nitrate derivatives of aliphatic hydrocarbons; alcohols, glycols, glycol ethers; ketones; aldehydes; aliphatic and cyclic ethers, including tetrahydrofuran; esters; dimethylformamide and dimethylacetamide; acetonitrile and propionitrile; pyridine; dimethylsulfone, dimethylsulfoxide.

- Nomenclature of classified installations (Version 52 of December 2021, taking into account the provisions of directive 2012/18/EU known as Seveso 3):

ICPE No. Designation of the section

ICPE No.	Designation of the section	Regime	Radius
2630	Detergents and soaps (industrial manufacture of or based on)		
	1.Industrial manufacturing by chemical transformation	A	3
	2.Autres fabrications industrielles	A	2
	3.Other industrial manufacturing The production capacity being greater than or equal to 1 t/d	D	
3440	Manufacturing in industrial quantities by chemical or biological	A	3
	Transformation of phytosanitary products or biocides		
4510	Dangerous for the aquatic environment, acute category 1 or chronic 1.		
	The total quantity likely to be present in the installation being: 1.Greater than or equal to 100t	A	1

2.Greater than or equal to 20t but less than 100t.

DC

Low threshold quantity within the meaning of article R.511-10: 100t

High threshold quantity within the meaning of article R.511-10: 200t

15.2. Chemical Safety Assessment

No data available

SECTION 16 : OTHERS INFORMATIONS

As the user's working conditions are not known to us, the information given in this safety data sheet is based on the state of our knowledge and on both national and community regulations.

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

It is always the user's responsibility to take all necessary measures to meet the requirements of local laws and regulations.

The information given in this safety data sheet should be considered as a description of the safety requirements for this mixture and not as a guarantee of its properties.

Wording(s) of the sentences mentioned in section 3:

H225	Highly flammable liquid and vapor.
H302	Harmful if swallowed.
H314	Causes skin burns and serious eye damage.
H318	Causes serious eye damage.
H319	Causes severe eye irritation.
H336	May cause drowsiness or dizziness.
H400	Very toxic to aquatic organisms.
H410	Very toxic to aquatic organisms, causes long-term adverse effects.
H411	Toxic to aquatic organisms, causes long-term adverse effects.

Abbreviations :

LD50 : The dose of a substance tested resulting in 50% lethality during a given period

LC50 : The concentration of a tested substance resulting in a lethality of 50% over a given period.

EC50 : The effective concentration of substance that causes 50% maximum reaction.

CER50 : The effective concentration of substance that causes 50% growth reduction.

NOEC : The no observed effect concentration.

REACH : Registration, Evaluation, Authorization and Restriction of Chemical Substances

ETA : Acute Toxicity Estimate

PC : Body Weight

DNEL : Dose derived without effect.

PNEC : Predicted concentration of no effect.

UFI : Unique formulation identifier

STEL : Short-term exposure limit

TWA : Time Weighted Averages

TMP : Tables of Occupational Diseases (France)

VLE : Exposure Limit Value

VME : Average Exposure Value

ADR : European Agreement relating to the international transport of Dangerous Goods by Road.

IMDG : International Maritime Dangerous Goods.

IATA : International Air Transport Association.

OACI : International Civil Aviation Organization.

RID : Regulations concerning the International carriage of Dangerous goods by rail.

WGK : Wassergefährdungsklasse (Water Hazard Class).

GHS05 : Corrosion.

GHS09 : Environnement.

PBT : Persistent, bioaccumulative and toxic.

vPvB : Very persistent and very bioaccumulative.

SVHC : Substance of Very High Concern.