

SAFETY DATA SHEET
according to 2001/58/EC

Printing date: 21/07/2006

1097400
Reviewed on:21/07/20061 Identification of the substance/preparation
and of the society/company

. Product details

. Trade name:

DELESTAT PUR 300

. Product code :
35570N. Application of the substance / the preparation
Additive
antistatic.. Supplier:
SEPPIC S.A.
75 Quai d'Orsay
75007 PARIS
Tel. : +33 (0)1 40 62 55 55
Fax : +33 (0)1 40 62 52 53. Information in case of emergency:
ORFILA
Tel. : +33 (0)1 45 42 59 59
SEPIPROD
Tel. : +33 (0)5 63 72 69 69

2 Composition/Data on components

. Chemical characterization

. Description:
Mixture

. Dangerous components:

CAS NO.	Description	Index	R-phrases	%
	Quaternary ammonium compounds			> 25
	EINECS: 269-662-8			
	N Xn			
	22-38-41-50			
	ethanediol			< 25
	EINECS: 203-473-3			
	Xn			
	22			

3 Hazards identification

. Hazard description:
N Dangerous for the environment
Xn Harmful. Information pertaining to particular dangers for man and environment :
R 22
Harmful if swallowed.
R 38
Irritating to skin.
R 41
Risk of serious damage to eyes.
R 50
Very toxic to aquatic organisms.

4 First aid measures

. After inhalation:
Take affected persons into fresh air and keep quiet.

(continued on page 2)

SAFETY DATA SHEET
according to 2001/58/EC

Printing date: 21/07/2006

1097400
Reviewed on:21/07/2006

PRODUCT : DELESTAT PUR 300

(continued of page 1)

- . After skin contact:
Immediately wash with water and soap and rinse thoroughly.
If skin irritation continues, consult a doctor.
 - . After eye contact:
Rinse opened eye for several minutes under running water. Then consult a doctor.
 - . After swallowing:
Call for a doctor immediately.
A person vomiting while laying on their back should be turned onto their side.
- 5 Fire-fighting measures
- . Suitable extinguishing agents :
CO2, powder or water spray. Fight larger fires with water spray.
 - . For safety reasons unsuitable extinguishing agents :
Water with full jet
 - . Special hazards, products of combustion, released gases :
Carbon monoxide and carbon dioxide
Nitrogen oxides (NOx)
Sulphur oxides (SOx)
 - . Special protective equipment :
Mouth respiratory protective device.
Wear protective clothing.
- 6 Accidental release measures
- . Person-related safety precautions:
The usual precautionary measures are to be adhered to when handling chemicals.
Particular danger of slipping on leaked/spilled product.
Avoid contact with the eyes and skin.
See Section 8 for information on personal protection equipment.
 - . Measures for environmental protection:
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.
 - . Measures for cleaning/collecting:
Dispose contaminated material as waste according to item 13.
Absorb liquid components with liquid-binding material.
Send for recovery or disposal in suitable receptacles.
Clean the affected area carefully; suitable cleaners are:
Warm water
- 7 Handling and storage
- . Handling:
Information for safe handling:
The usual precautionary measures are to be adhered to when handling chemicals.
See Section 8 for information on personal protection equipment.
 - . Storage:
Requirements to be met by storerooms and receptacles:
Store in cool, dry place in tightly closed receptacles.
Provide a catch-tank in a bunded area.
Protect from heat and direct sunlight.

(continued on page 3)

SAFETY DATA SHEET
according to 2001/58/EC

Printing date: 21/07/2006

1097400
Reviewed on:21/07/2006

PRODUCT : DELESTAT PUR 300

(continued of page 2)

8 Exposure controls / personal protection

. Additional information about design of technical facilities:

Eye wash facility and security showers nearby.

. CAS No. Designation of material

ethanediol

OES

Short-term value 104** mg/m3

Long-term value 10* 52** mg/m3

*particulate, IOELV, Sk **vapour, New, IOELV, Sk

. Personal protective equipment:

. General protective and hygienic measures:

Keep away from foodstuffs, beverages and feed.

Avoid contact with the eyes and skin.

. Respiratory protection:

Use suitable respiratory protective device when high concentrations are present.

. Protection of hands:

Protective gloves

. Material of 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.

Nitrile rubber, NBR

Natural rubber, NR

made out of PVC.

Neoprene

. Eye protection:

Tightly sealed goggles

. Body protection:

Use protective suit.

9 Physical and chemical properties

. General Information

. Form: Liquid

. Colour: Clear

. Odour: Weak, characteristic

. Change in condition

. Melting point/Melting range:

Not determined.

. Boiling point/Boiling range:

Not determined.

. Flash point: > 100,0 °C

. Density:

Not determined.

. Solubility in / Miscibility with

. water:

Fully miscible.

. pH-value:

at 20,00 °C 6-8 (10,000 g/l water)

. Viscosity:

(continued on page 4)

SAFETY DATA SHEET
according to 2001/58/EC

Printing date: 21/07/2006

1097400
Reviewed on:21/07/2006

PRODUCT : DELESTAT PUR 300

(continued of page 3)

- . Dynamic:
Not determined.
- 10 Stability and reactivity
- . Thermal decomposition / conditions to be avoided:
To avoid thermal decomposition do not overheat.
This product is hygroscopic.
 - . Materials to be avoided:
 - . Dangerous reactions
Reacts with strong acids.
Reacts with strong oxidizing agents.
Reacts with halogenated compounds.
 - . Dangerous decomposition products:
Carbon monoxide and carbon dioxide
Nitrogen oxides (NOx)
Sulphur oxides (SOx)
- 11 Toxicological information
- . Acute toxicity:
 - . LD/LC50 values that are relevant for classification:
 - . After swallowing
Harmful if swallowed.
 - . Primary irritant effect:
 - . on the skin:
Irritating effect.
 - . on the eye:
Strong irritant with the danger of severe eye injury.
 - . Additional toxicological information:
The product shows the following dangers according to the calculation method of the General EU Classification Guidelines for Preparations as issued in the latest version:
Harmful
Irritant
- 12 Ecological information
- . Persistence / Degradability :
 - . Other information:
The product is easily biodegradable.
 - . Ecotoxicological effects:
 - . Aquatic toxicity:
68308-64-5 Quaternary ammonium compounds
Not specified, LC50/EC50/IC50 : < 1 mg/l
 - . Additional ecological information:
 - . General notes:
The product shows the following dangers according to the calculation method of the General EU Classification Guidelines for Preparations as issued in the latest version:
Very toxic to aquatic organisms.
Do not allow product to reach sewage system or any water course.
- 13 Disposal considerations
- . Product:
 - . Recommendation:
Disposal must be made according to official regulations.
- (continued on page 5)

SAFETY DATA SHEET
according to 2001/58/EC

Printing date: 21/07/2006

1097400
Reviewed on:21/07/2006

PRODUCT : DELESTAT PUR 300

(continued of page 4)

- . Uncleaned packaging:
- . Recommendation:
Disposal must be made according to official regulations.
- . Recommended cleansing agents:
Warm water

14 Transport information

- . Land transport ADR/RID (cross-border)
- . ADR/RID class: 9 (M6)
Miscellaneous dangerous substances and articles.
- . Danger code : 90
- . UN-Number: 3082
- . Packaging group: III
- . Label(s) of danger : 9
- . Description of goods:
3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (QUATERNARY AMMONIUM COMPOUNDS)
- . Maritime transport IMDG:
- . IMDG Class: 9
- . UN Number: 3082
- . Label(s) of danger : 9
- . Packaging group: III
- . EMS Number: F-A,S-F
- . Proper shipping name:
ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (QUATERNARY AMMONIUM COMPOUNDS)
- . Air transport ICAO-TI and IATA-DGR:
- . ICAO/IATA Class: 9
- . UN Number: 3082
- . Label: 9
- . Packaging group: III
- . Proper shipping name:
ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (QUATERNARY AMMONIUM COMPOUNDS)
- . Cargo - Pack./Qty. max.: 914 /
- . Passeng. - Pack./Qty. max.: 914 /

15 Regulatory information

- . Labelling according to EU guidelines:
- . Code letter and hazard designation of product:
N Dangerous for the environment
Xn Harmful
- . Hazard-determining components of labelling:
Quaternary ammonium compounds
- . Risk phrases:
R 22
Harmful if swallowed.
R 38
Irritating to skin.
R 41
Risk of serious damage to eyes.
R 50
Very toxic to aquatic organisms.
- . Safety phrases:
S 26
In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
S 39

(continued on page 6)

SAFETY DATA SHEET
according to 2001/58/EC

Printing date: 21/07/2006

1097400
Reviewed on:21/07/2006

PRODUCT : DELESTAT PUR 300

(continued of page 5)

Wear eye/face protection.

S 61

Avoid release to the environment. Refer to special instructions/safety data sheets.

16 Other information

. Description of second chapter's R-phrases :

R 22

Harmful if swallowed.

R 38

Irritating to skin.

R 41

Risk of serious damage to eyes.

R 50

Very toxic to aquatic organisms.

. Other data :

. Disclaimer :

This Safety Data Sheet is a complement to the technical brochure of the product but does not replace it. The information and data presented are based on our knowledge of the product as of the date shown above. Except as set forth above, SEPPIC* makes no warranties, whether express, implied or statutory, as to the product which is the subject of this document . Without limiting the generality of the foregoing, SEPPIC* makes no warranty of merchantability of the product or of the fitness of the product for any particular purpose. Buyer assumes all risk and liability resulting from the use or sale of the product whether singly or in combination with other goods. The information set forth herein is furnished free of charge and is based on technical data that SEPPIC* believes to be reliable. It is intended for use by persons having technical skill and at their own discretion and risk. Since conditions of use are outside SEPPIC*'s control, SEPPIC* makes no warranties, express or implied, and assumes no liability in connection with any use of this information. Nothing herein is to be taken as a license to operate under or a recommendation to infringe any patents.

SEPPIC* being:

SEPPIC S.A.

and, depending on the country:

SEPPIC Inc, SEPPIC UK Ltd, SEPPIC Italia Srl, SEPPIC Belgium NV,
SEPPIC GmbH, SEPPIC Shanghai, Givaudan-Lavirotte S.A.

. * Data updated to the previous version.

*