

160.583  
160.644

# SAFETY DATA SHEET

## UNIVERSAL FLUID HAZE AND SMOKE LIQUID

- 1) **COMPANY AND PRODUCT IDENTIFICATION**  
Commercial name : 'Liquide à fumée' ( Smoke fluid)  
Manufacturer : LDTM – ZA LesAires N°4 – 34120 – PEZENAS – Phone (33)04 67 90 78 00 – Fax (33)04 67 90 78 28 – Emergency phone (33)01 45 42 59 59
  
- 2) **COMPOSITION / INFORMATION ON COMPONENTS**  
Chemical characterisation : 1,2 di-(2-hydroxyethoxy)-ethane + demineralised water  
CAS number : 112-27-6  
CEE number (EINECS) : 2039532
  
- 3) **DANGERS IDENTIFICATION**  
No particular danger known.
  
- 4) **FIRST AID**  
General indication : put off at once any spoiled clothe.  
After skin contact : in case of skin contact wash at once and thoroughly with water.  
After eye contact : in case of eye contact wash at once and thoroughly with water and consult a specialist.
  
- 5) **CASE OF FIRE**  
Specific dangers : In case of fire, water cool storage installation exposed to danger.  
Fire put out means : water sprinkle, alcohol resisting foam, dry powder or carbon dioxide.  
Advise about means : don't use water jet .  
Protection equipment : full protection equipment and standalone breathing unit.
  
- 6) **CASE OF UNEXPECTED SPILL**  
Individual precautions : put out any flame, suppress any ignition source, don't smoke.  
Individual protection : mask, gloves, goggles, fit safety boots.  
Precautions for environment protection : prevent any soil or water contamination.  
Cleaning methods  
Limited spill : gather spilling mechanically or with means of mineral absorbent.  
Important spill : stop output to effluents processing network. Advise at once emergency services. Destroy residues.
  
- 7) **HANDLING AND STORAGE**  
Handling : use a well ventilated place. Prevent any contact with skin or eyes. Safety shoes and protection clothing. Avoid any inhalation.  
Storage : Keep container in a dry and well ventilated place, away from direct sun light.
  
- 8) **EXPOSURE CONTROL – INDIVIDUAL PROTECTION**  
Individual breathing protection equipment : wear fit mask in case of long exposure at high concentration.  
Hand protection : PVC or rubber gloves  
Eye protection : protection goggles  
Body protection : safety shoes or boots. In case of possible projections : PVC apron.

## 9) PHYSICAL AND CHEMICAL PROPERTIES

Physical state : liquid

Colour : colourless

Smell : none

pH : 7-8

Distillation interval : Begin : 100°C – End : 288°C

Flash point : 177°C

Self flaming point : 370°C

Density : 1018 kg/m<sup>3</sup> at 20°C

Water solubility : miscible

## 10) STABILITY / REACTIVITY

Condition to avoid : humidity

Materials to avoid : oxidants

## 11) TOXICOLOGY INFORMATIONS

Ingestion toxicity : DL50 17000 mg/kg

N° CAS : 112-27-6

N° EEC (EINECS) : 2039532

## 12) ECOLOGY INFORMATIONS

Mobility : totally water miscible

Persistence/degradability : biodegradable

Bioaccumulation :

Toxicity : algae – fishes : CL50 > 100 mg/l

Toxicity other organisms : CE50

Processing of effluents

Practically non-toxic, CE50 > 100 mg/l, for organisms present in effluents processing installations.

## 13) ELIMINATION

According to special effluents regulation, product must be transported to an authorised incineration installation.

## 14) TRANSPORT INFORMATION

Terrestrial transport :

ADR : not taken back as dangerous material.

RID : not taken back as dangerous material.

Fluvial transport :

ADNR : not taken back as dangerous material.

Maritime transport :

IMDG/UN : not taken back as dangerous material.

Air transport :

ICAO / IATA / DGR : not taken back as dangerous material.

Post parcel : authorised

## 15) REGULATION INFORMATION

Community labelling : not liable to regulation labelling.

National prescriptions :

Class of danger for water (WGK) FRG : 1 (KBWS classification)

KBWS-Nr : 202

Particular regulations :

Vbf : indeterminate (FRG)

MAK : indeterminate (FRG)

## 16) OTHER INFORMATIONS

This data sheet is a complement to - but does not replace - the technical instructions for use. The informations here given are based on our present knowledge and main legal and regulatory texts about the product as issued at design date of this document.