

SAFETY DATA SHEET
SPECIFIC RISKS

H.DUPONT SAS

AEDF

1/2⁷

1.0 IDENTIFICATION

Up dating : 25.02.00

Brand name : ALTER EGO

Product : FIXATEUR
(Fixing Agent)

2.0 COMPOSITION / INFORMATION ON INGREDIENTS

Chemical characteristics :

Arylsulfonate anionique

Dangerous ingredients :

2- Aminoetanol

Concentration : 1 - 1,5%

Danger symbol : Xn

CAS Nr : 141-43-5

Classification R : 20

36/37/38

3.0 HAZARDS IDENTIFICATION

No danger classification for this mixture ; see instruction N°88/379/CE from February 21st 1990.

4.0 FIRST-AID MEASURES

After inhalation : Immediately expose in the open air.

After ingestion : get medical attention

5.0 FIRE FIGHTING MEASURES

Appropriate extinguisher :

All means

Inadvisable extinguisher :

No restriction

Complementary information :

This product is not combustible.

6.0 ACCIDENTAL RELEASE MEASURES

Washing method:

Wash with a lot of water.

Complementary information:

Gather up and recycle.

7.0 HANDLING AND STORAGE

Store in a cool and ventilated area.

8.0 EXPOSURE CONTROLS / PERSONAL PROTECTION

Ingredients with a limited value exposure :

Ethanolamine

CAS Nr : 141-43-5

Limited values for professional exposure to dangerous products in France

VME 3ppm (V)

8mg/m3

(1993)

Personal measures :

If necessary, wash the eye immediately with running water. After skin contact, wash with water and soap.

9.0 PHYSICAL AND CHEMICAL PROPERTIES

Appearance :

liquid

Colour :

Brown

Odour :

yes

Melting point :

inapplicable

Boiling point :

100°C approx.

Flash point :

above the boiling temperature, no flash point

Density :

1 g/l (20°C, 1,013hPa)

Solubility in water (20°C)

miscible

pH (20°C) :

9 env.

10.0 STABILITY AND REACTIVITY

Dangerous reactions : heat
Hazardous decomposition products formaldehyde

11.0 TOXICOLOGICAL INFORMATION

Oral : LD50 > 5mg/kg (rat)
Skin : non irritant (rabbit)
Eyes : non irritant (rabbit)

12.0 ECOLOGICAL INFORMATION

Biological elimination : approx. 65% (14 d, COT)
< 10% (28d, DBO/DCOx100)
Method : OCDE 301F *1992*

Fish toxicity : LCO 5 mg/l (48h, rainbow trout (salmo gairdneri)
Method : mod. Routine bioassay method /1.1.74

Fish toxicity : LC50 13mg/l (48h, rainbow trout (salmo gairdneri)
Method : mod. Routine bioassay method /1.1.74

Fish toxicity : LC100 50mg/l (48h, rainbow trout (salmo gairdneri)
Method : mod. Routine bioassay method /1.1.74

Bacteria toxicity : IC50>100 mg/l (active muds)
Method : OCDE 209 *1984 actived muds, inhibition of breathing

DCO : 438 mg/l
Method : DIN 38409-H41

DBO5 : < 10 mg/g
Method : OCDE 301 F *1992*

13.0 DISPOSAL CONSIDERATIONS

14.0 TRANSPORT

ADR non dangerous
RID non dangerous
ADNR non dangerous
IMDG non dangerous
IATA non dangerous

15.0 REGULATORY INFORMATION

16.0 OTHER INFORMATION

The informations included in this sheet are based on our knowledge of the product. They have been given to you in all good faith. We draw the attention of users to the risks they take when they use a product for other use than thos it is made for.