

**SAFETY DATA SHEET**  
SPECIFIC RISKS

**H.DUPONT SAS**

AEDF

1/2<sup>7</sup>

**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 informations :

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