

**SAFETY DATA SHEET**  
SPECIFIC RISKS

**H.DUPONT SAS**

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**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

<u>Dangerous reactions :</u>	heat
<u>Hazardous decomposition products</u>	formaldehyde

## 11.0 TOXICOLOGICAL INFORMATION

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

## 12.0 ECOLOGICAL INFORMATION

<u>Biological elimination :</u>	approx. 65% (14 d, COT) < 10% (28d, DBO/DCOx100) Method : OCDE 301F *1992*
<u>Fish toxicity :</u>	LCO 5 mg/l (48h, rainbow trout (salmo gairdneri) Method : mod. Routine bioassay method /1.1.74
<u>Fish toxicity :</u>	LC50 13mg/l (48h, rainbow trout (salmo gairdneri) Method : mod. Routine bioassay method /1.1.74
<u>Fish toxicity :</u>	LC100 50mg/l (48h, rainbow trout (salmo gairdneri) Method : mod. Routine bioassay method /1.1.74
<u>Bacteria toxicity :</u>	IC50 > 100 mg/l (active muds) Method : OCDE 209 *1984 activated muds, inhibition of breathing
<u>DCO :</u>	438 mg/l Method : DIN 38409-H41
<u>DBO5 :</u>	< 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.