

**HEALTH AND SAFETY DATA SHEET 91/155/EEC**

**01.02.2007**

**1. Product and manufacturer description**

Product name: **RECYL'CLEAN 2000**

Manufacturer informations:

**RECYL SARL**

**17 Rue de Montréal / Ville la Grand**

**FRANCE/ 74100 ANNEMASSE**

**TEL: 0033/ 450 92 48 68**

**FAX: 0033/ 450 95 54 72**

**2. Product composition**

Chemical specifications: Contains sodium hydroxyde, contains varied solvents / varied detergents

Component which can be dangerous:

Nr- CAS	Name	Content	Symbol	R-sentence
1310-73-2	Sodium Hydroxyde	< 9 %	C	35
112-34-5	Alcoxyetheralcohol	< 50 %	Xi	R36

**3. Possible danger of the mixture**

**Danger description:**

Irritating for skin and eyes

**Main risk for the user:** R 36 / 38

Irritating for skin and eyes

**4. First emergency actions**

**After Ingestion:** **RECYL'CLEAN 2000** ingestion can be followed by buccal or epigastric pains; then do not make one drink water or vomit. Hospital treatment may be required.

**After contact with eyes and skin:** immediately rinse with plenty of water for 10/15 minutes, and consult a specialist.

**5. Extinguishing products**

**Recommended:** CO<sub>2</sub>, powders and mosses

**Not recommended:** Water is not recommended, but can be used.

**6. Precautions in case of leak**

**Personal protection :** see chapter 7 and 8

**Environment protection:** Thanks to the biodegradability of the **RECYL'CLEAN 2000** one can flush it away if the the sewer is connected to a purification station. Do not flush it into surface water.

**Cleaning procedure:** According to the quantity concerned, sponge up the excess with absorbent material (sand, earth,...) or rinse with water.

**7. Handling and storage**

*Handling*

**Explosion or fire protection:**

The **RECYL'CLEAN 2000** is not easily inflammable. In case of accidental overheating its vapors could have some explosive mixtures with the air.

*Storage*

**Incompatibility between products:**

Do not store **RECYL'CLEAN 2000** close to strong acids or oxidizing products.

**Storage adding informations:** Store it in a cool and ventilated place, protected from any heat or ignition source. Its storage conditions are the same as those requested for the inks.

**8. Exposition limits and personal protection means**

**Protection technical measures:**

The risk after taking some product is low (its components are weakly volatile, vapors are quickly -12 hours- metabolized); hence there is no need to wear any personal protection.

Solutions of **RECYL'CLEAN 2000** in water are caustic for the skin and mucous membrane. The main risk is splashing some product in the eyes, hence recommended safety glasses are worn.

**Personal protection means:**

**Hands:** gloves

**Eyes:** Glasses

## 9. Chemical and physical properties

<b>Form:</b> viscous liquid	<b>Colour:</b> brown	<b>Odour:</b> weak, fruity.
Flash point		100°C in closed cupel
Viscosity	20°C	90 seconds (coupe Ford IV)
Density	20°C	1.08 g/cm <sup>3</sup>
Solubility in water	20°C	complete
" in solvents	20°C	incomplete in low-polarity solvents
Boiling point	(Atmos pressure)	200°C
Vapor pressure	20°C	0.2 mbar
pH Value (4g/l H <sub>2</sub> O)	20°C	pH 11,7
Auto-ignition temperature		228°C
Explosivity limits		lower: 1,2 in vol % in the air upper: 23,5 " " "
Decomposition temperature		T°>220°C

## 10. Stability and reactivity

### *Precautions to take*

**For handling and storage:** see chapter 7

### **Products which must not be in contact:**

**RECYL'CLEAN 2000** contains caustic soda and can quickly react in presence of strong acids.

The contained solvents can also quickly react in presence of oxidizing products.

## 11. Toxicological informations

Inhalating vapor-saturated atmosphere is not fatal or toxic for the rat, mouse rabbit or the Guinea pig.

### **Symptom:**

**RECYL'CLEAN 2000** ingestion can be followed by buccal or epigastric pains, then do not make one drink water or vomit. Hospital treatment may be required.

## 12. Ecological informations

Thanks to the biodegradability of the **RECYL'CLEAN 2000** one can flush it away if the sewer is connected to a purification station.(ratio DBO<sub>5</sub>/DCO = 0,40)

## 13. Disposal recommendations

Do not flush into surface water, like brooks, ponds,...

## 14. Transport informations

Terrestrial transport rules (ADR), maritime (IMDG), aerial (ICAO/IATA)

### **Terrestrial transport (ADR):**

Not applicable

### **Maritime transport (IMDG):**

Not applicable

### **Aerial transport ICAO-TI and IATA-DGR:**

ICAO/IATA- class : 8

UN-Nr : 1824

Packing group : III

## 15. Prescriptions

### **Product description:**

**Xi**

Irritant

### **Dangerous component which has to be labelled:**

Sodium hydroxide

### **Danger sentences:**

R 36 / 38

Irritating for skin and eyes

### **First emergency sentences:**

S 26 / 28

In case of contact with skin or eyes, immediately rinse with plenty of water for 10/15 minutes, and consult a specialist.

## 16. Adding informations

**RECYL'CLEAN 2000 rinsing:** with water or solvents (**avoid Ethyl-Acetate**)

**Contact with aluminium :** avoid prolonged contact, in case of sleeves cleaning put some plastic bracelets at both extremities in order to avoid leakage of product on both sides of rolls.