

HEALTH AND SAFETY DATA SHEET 1907/2006/EEC
29.04.2008

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

E mail : info@recyl.fr

2. 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

3. 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

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: CO₂, 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 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

Form: viscous liquid	Colour: brown	Odour: weak, fruity.
Flash point		100°C in closed cupel
Viscosity	20°C	90 seconds (coupe Ford IV)
Density	20°C	1.08 g/cm ³
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 ₂ 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 DBO₅/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.