

HEALTH AND SAFETY DATA SHEET 91/155/EEC

01.12.2006

1. Product and manufacturer description

Product name: **RECYL "COBRA"**

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 sulfuric acid, amorphous silica, phosphoric anhydrid.

Component which can be dangerous:

Nr- CAS	Name	Content	Symbol	R-sentence
7664-93-9	Sulfuric acid	49 %	C	35
1314-56-3	Phosphoric anhydrid	49 %	C	35

3. Possible danger of the mixture

Danger description: Corrosive
Main risk for the user: R 35 Can cause severe burns

4. First emergency actions

After Ingestion: 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: The waste and cleaning water must be neutralized with the "sodium carbonate" powder, before being flushed away in the sewer.

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

7. Handling and storage

Handling

Explosion or fire protection:

The **RECYL "COBRA"** is not flammable.

Storage

Incompatibility between products:

Do not store it close to oxidizing products, nitro-type derived, potassium permanganate or acetonitril.

Storage adding informations:

Store it in a cool and ventilated place.

8. Exposition limits and personal protection means

Protection technical measures:

Solutions of **RECYL "COBRA"** in water are caustic for the skin and mucous membrane (necrosis happens after a contact period which is < 3 minutes).

The main risk is splashing some product in the eyes: hence obligatory safety mask is worn.

Personal protection means:

Hands: gloves **Eyes:** mask

9. Chemical and physical properties:

Form: viscous liquid	Colour: none	Odour: none
Flash point		none
Viscosity	20°C	3200 cP
Density	20°C	1.92 g/cm ³
Solubility in water	20°C	complete
Boiling point	(Atmos pressure)	330°C
Vapor pressure	20°C	very weak
pH Value (4,5g/l H ₂ O)	20°C	pH 1,28
Auto-ignition temperature		none
Explosivity limits		none
Decomposition temperature		T ^o >300°C

10. Stability and reactivity

Precautions to take

For handling and storage: see chapter 7

Products which must not be in contact: The RECYL "COBRA" contains sulfuric acid and can quickly react in presence of oxidizing products, nitro-type derived, potassium permanganate and acetonitril. Releases hydrogen in presence of many metals.

11. Toxicological informations

Sulfuric acid is corrosive for the skin and mucous membrane.

A fine particules smog can be irritating for the skin and eyes.

Symptom: RECYL "COBRA" ingestion can cause burns to the digestive tract.then do not make one drink water or vomit. Hospital treatment may be required.

12. Ecological informations

The RECYL "COBRA" chemical composition enables one flushing it away in the sewer, **AFTER** neutralization with the provided "Sodium carbonate" powder.

13. Disposal recommendations

Neutralize the waste with the "Sodium carbonate" powder and flush in the sewer according to national and local regulation.

14. Transport informations

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

Terrestrial transport (ADR): Class : 8

There is a complete rules exemption when the packaging is of "combined type", the inner container has a maximum of 1 liter capacity and when the package containance is of 4 liters maximum.

* No need of marking the packages with labels

* No documents about "dangerous good" transportation.

Maritime Transport (IMDG): Class 8

There is a rule exemption if:

* the inner container is of 1 liter maximum

* the total gross weight of the package is 30 kgs maximum

Aerial transport ICAO-TI and IATA-DGR:

ICAO/IATA- class : 8

UN-Nr : 1830

Packing group : II

15. Prescriptions

Product description: C Corrosive

Dangerous component which has to be labelled: Sulfuric acid

Danger sentences: R 35 Can cause severe burns

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

Shelf-life: Will turn to brown colour after 8/10 months.Its efficiency will decrease after 12/14 month.

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