

# MATERIAL SAFETY DATA SHEET

according to the 93/112/EC directive

Product name : HYDROL  
MSDS n°053A Version : 02

Date : 29/10/1997  
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## 1. PRODUCT AND COMPANY IDENTIFICATION

Product name : **HYDROL**

### SUPPLIER

Name : MAB DENTAL S.A.

Address : Córcega 116, - 08029 BARCELONA - SPAIN

Telephone : 93 363 85 55

Telecopy : 93 430 41 69

Emergency phone number :

## 2. COMPOSITION/INFORMATION ON COMPONENTS

### PREPARATION

Chemical nature : Ethyl acetate and acetone based preparation.

Components contributing to danger : Ethyl acetate	: 43%	CAS 141-78-6
		EC classification : F –R11
Acetone	: 38%	CAS 67-64-1
		EC classification : F – R11
Hazardous component : Phenylethylic alcohol	: 5%	CAS 60-12-8
		EC classification : Xi – R36

## 3. HAZARD IDENTIFICATION

### MAIN HAZARDS

Health hazards : Inhalation of vapour may cause headache and a narcotic effect.

Effects on environment : No particular hazard for the environment providing the recommendations stated in point 13 related to the elimination as well as the national or local regulatory prescriptions likely to be applicable are respected.

### Physical and chemical hazards

Fire or explosion : Highly flammable liquid.

Specific hazards : Following the criteria of Annex VI of the 67/548/EC Directive, this product is classified as **HIGHLY FLAMMABLE**.

## 4. FIRST AID MEASURES

Inhalation : Move the patient away from contaminated area and take him out to fresh air.

Skin contact : Wash immediately with water and soap.

Eye contact : Wash immediately with plenty of water and consult a specialist.

Ingestion : Have the patient drink water. Do not induce vomiting. Call a doctor immediately.

## 5. FIRE-FIGHTING MEASURES

### Extinguishing media

Appropriate : Waterspray, foam, carbon dioxide, powdered extinguishing products.

Protection of intervening persons : Use a self-contained respiratory equipment.

Other information : Use plenty of foam as a part of it is altered by the product.

## 6. ACCIDENTAL RELEASE MEASURES

### Cleaning up methods

Collection : Collect with absorbant material (e.g. : Kieselguhr sand, universal binding, sawdust).

Cleaning/decontamination : Wash the contaminated area with water.

## **7. HANDLING AND STORAGE**

### **HANDLING**

**Technical measures** : To handle in a well ventilated room away from heat and any ignition source.

**Precautions** : No other specifications.

### **STORAGE**

**Technical measures** : Store in the original packaging tightly closed.

#### **Storage conditions**

**Recommended** : Keep the containers tightly closed away from humidity, in a cool and well ventilated room.

**Incompatible products** : Do not store with strong oxidizing agents.

**Packaging conditions** : 250 ml or 45 ml glass bottle.

### **PACKAGING MATERIALS**

**Recommended** : Glass.

**Unadvised** : Miscellaneous plastic materials.

## **8. EXPOSURE CONTROL/PERSONAL PROTECTION**

### **Personal protective equipment**

**Respiratory protection** : Respiratory protection required in case of insufficient aspiration or of prolonged exposure.

**Hand protection** : Gloves (resistant to solvents).

**Eye protection** : Safety glasses.

**Skin and body protection** : Protective clothing.

**Hygiene measures** : Remove any soiled or contaminated clothing immediately. Protect the skin by applying an ointment.

## **9. PHYSICAL AND CHEMICAL PROPERTIES**

### **APPEARANCE**

**Physical** : Liquid.

**Colour** : Colourless.

**Odour** : Strong characteristic odour of solvent.

**pH** : Not applicable.

### **Characteristic temperatures**

**Boiling point** : 62°C.

### **FLAMMABLE PROPERTIES**

**Flash point** : <-18°C (closed bottle).

**Relative density (water = 1)** : About 0.86.

### **SOLUBILITY**

**in water** : Insoluble.

**In organic solvents** : Miscible.

## **10. STABILITY AND REACTIVITY**

**Stability** : The product is stable up to the boiling point.

### **Hazardous reactions**

**Conditions to avoid** : Forms in contact with air explosive gaseous mixtures.

**Material to avoid** : May damage plastic materials.

**Hazardous decomposition products** : Acetic acid, ethanol.

## **11. TOXICOLOGICAL INFORMATION**

**Acute toxicity** : Not available.

**Local effects** : Inhalation of vapour may provoke headache and a narcotic effect. Alcohol increases these effects. Solvents degrease the skin.

## **12. ECOLOGICAL INFORMATION**

In case of inadequate handling and use, no fear of ecological problem.

## **13. DISPOSAL CONSIDERATIONS**

### **Waste from residues**

**Destruction/elimination** : Considering the regulation on special rejects, the product is to be taken to a registered incineration collection point.

**Note** : user's attention is drawn on the possible existence of specific legislative, regulatory and administrative dispositions related to its elimination ; these regulations may be applicable either in the European Community or be national or local.

## **14. TRANSPORT INFORMATION**

### **INTERNATIONAL REGULATIONS**

#### **Land routes**

**Rail/road (RID/ADR)** : Goods submitted to class 3 – Enumeration : 3<sup>b</sup> (package lower than 5 litres not submitted to regulation).

**Sea (IMDG code)** : Not examined.

**Air route (OACI-IT/IATA-DGR)** : Not examined.

### **OTHER REGULATIONS**

**France : Rail/road (RTMDF/RTMDR)** : Not examined.

**Note** : The regulatory instructions cited above are those in force at the time of printing. However, one must always consider an eventual evolution of the rules related to the transportation of hazardous materials and thus should the MSDS in your possession be older than 1 year, it is recommended to have its validity checked by your commercial agent.

## **15. REGULATORY INFORMATION**

### **REGULATIONS IN THE COMMUNITY**

**EC labelling** : Compulsory labelling for hazardous preparations (self-classification) : **CONCERNED**.

**Hazard indications** : **F** : Highly flammable.

**"R" phrases** : **R11** : Highly flammable.

**Note** : The regulatory information gathered in this paragraph only recall the main prescriptions specifically applicable to the product for which this MSDS is prepared. The basic EC texts referred to are always updated and transferred to the national right. It is advised to consult any international , national or local regulations likely to be applied. User's attention is drawn on the fact that other complementary regulation might also be applicable.

## **16. OTHER INFORMATION**

### **TYPE OF UTILIZATION**

**Recommended** : please consult the technical sheet.

**Updated** : On 29/10/1997 (Modification of the labelling).

### **Warning to users :**

This data sheet completes the technical notices but does not supersede them. The information contained in it is grounded on the statement of our knowledge of the product concerned at the publishing date.

Moreover, user's attention should be drawn on the possible risks incurred when a product is used for other purposes than those for which it has been designed. It does not stop in any case the user from knowing and following the whole regulatory texts related to his activity. He will be the sole responsible of the precautions related to the use of the product he knows.

The aim of the whole regulatory prescriptions mentioned is to help the receiver to fulfill his duties when using a hazardous product. This list must not be considered as exhaustive. It does not stop the user from making sure that he complies with the written obligations other than those previously cited and which rule the fact of keeping and using the product for which he is the sole responsible person

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