

# SAFETY DATA SHEET

DPD A

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Issued: 15/07/2002

Revision No: 1

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## 1. IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND OF THE COMPANY / UNDERTAKING

**Product name:** DPD A

**Product code:** dpda

**Use / description of product:** Corrosive. Liquid. For use in small quantities, for water analysis. Please note the small quantity - and refer to additional information on the last page of this MSDS

## 2. COMPOSITION / INFORMATION ON INGREDIENTS

**Ingredient 1:** POTASSIUM HYDROXIDE <10%

CAS: 1310-58-3

EINECS: 215-181-3

[Xn] R22; [C] R35;

## 3. HAZARDS IDENTIFICATION

**Main hazards:** Causes burns.

## 4. FIRST AID MEASURES (SYMPTOMS)

**Skin contact:** There may be redness or whiteness of the skin in the area of exposure.

**Eye contact:** There may be pain and redness.

**Ingestion:** Corrosive burns may appear around the lips.

**Inhalation:** There may be irritation of the throat with a feeling of tightness in the chest.

## 4. FIRST AID MEASURES (ACTION)

**Skin contact:** Drench the affected skin with running water for 10 minutes or longer if substance is still on skin. Transfer to hospital if there are burns or symptoms of poisoning.

**Eye contact:** Bathe the eye with running water for 15 minutes. Consult a doctor.

**Ingestion:** If substance swallowed is corrosive, give 1 cup of water to drink every 10 minutes.

**Inhalation:** Remove casualty from exposure ensuring one's own safety whilst doing so.

## 5. FIRE-FIGHTING MEASURES

**Extinguishing media:** Water. Water spray. Carbon dioxide. Alcohol or polymer foam.

**Exposure hazards:** Corrosive.

**Protection of fire-fighters:** Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

## 6. ACCIDENTAL RELEASE MEASURES

**Personal precautions:** Refer to section 8 of SDS for personal protection details.

**Clean-up procedures:** Wash the spillage site with large amounts of water.

[cont...]

**7. HANDLING AND STORAGE**

**Storage conditions:** Store in cool, well ventilated area.

**8. EXPOSURE CONTROLS / PERSONAL PROTECTION**

**Hand protection:** Protective gloves.

**Eye protection:** Safety goggles.

**Skin protection:** Protective clothing with elasticated cuffs and closed neck.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

**State:** Liquid

**Colour:** Colourless

**Odour:** Odourless

**Solubility in water:** Miscible in all proportions

**pH:** >13

**10. STABILITY AND REACTIVITY**

**Stability:** Stable under normal conditions.

**Conditions to avoid:** Air.

**Materials to avoid:** Metals.

**11. TOXICOLOGICAL INFORMATION**

**Effects of exposure** Waterying of the eyes. Nausea.

**Ingredient 1:** POTASSIUM HYDROXIDE

ORL RAT LD50 273mg/kg

**12. ECOLOGICAL INFORMATION****13. DISPOSAL CONSIDERATIONS**

**Waste disposal:** Neutralise with dilute hydrochloric acid. Dispose of as normal industrial waste.

**Disposal of packaging** Dispose of as normal industrial waste.

**NB:** The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

**14. TRANSPORT INFORMATION****ADR / RID**

**UN no:** 1824

**ADR Class:** 8

**Hazard ID no:** 80

**Labelling:** 8

**Shipping name:** SODIUM HYDROXIDE SOLUTION

**IMDG / IMO**

**UN no:** 1824

**Class:** 8

**Packing group:** II

**EmS:** 8-06

**Marine pollutant:** NO

Labelling: 8

**IATA / ICAO**

UN no: 1824

Class: 8

Packing group: II

Packing instructions: 813

Quantity 30 L

Labelling: 8

**15. REGULATORY INFORMATION**

**Hazard symbols:** Corrosive.



**Risk phrases:** R34: Causes burns.

**Safety phrases:** S26: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

S28: After contact with skin, wash immediately with plenty of ...

S36/37/39: Wear suitable protective clothing, gloves and eye / face protection.

S45: In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).

**Note:** The regulatory information given above only indicates the principal regulations specifically applicable to the product described in the safety data sheet. The user's attention is drawn to the possible existence of additional provisions which complete these regulations. Refer to all applicable national, international and local regulations or provisions.

**16. ADDITIONAL INFORMATION**

**Additional information:** The information contained within this MSDS is based on bulk quantities. The user should bear in mind the reduced hazard associated with the small quantities normally associated with test kit reagents, and adjust their responses accordingly.

**Risk phrases used in s.2:** R22: Harmful if swallowed.

R35: Causes severe burns.

**Legal disclaimer:** The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.