

# SAFETY DATA SHEET

UPHI

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

**Product name:** UPHI

**Product code:** RD2501

**Use / description of product:** Liquid. Highly flammable.

## 2. COMPOSITION / INFORMATION ON INGREDIENTS

**Ingredient 1:** PROPAN-2-OL 30-60%

CAS: 67-63-0

EINECS: 200-661-7

[F] R11; [Xi] R36; [-] R67;

## 3. HAZARDS IDENTIFICATION

**Main hazards:** Highly flammable.

## 4. FIRST AID MEASURES (SYMPTOMS)

**Skin contact:** There may be mild irritation at the site of contact.

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

**Ingestion:** There may be soreness and redness of the mouth and throat.

**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.

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

**Ingestion:** If conscious, give 1 pint of water to drink immediately.

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

## 5. FIRE-FIGHTING MEASURES

**Extinguishing media:** Water. Dry chemical powder.

**Exposure hazards:** Highly flammable.

**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. Eliminate all sources of ignition.

**Environmental precautions:** Do not discharge into drains or rivers.

**Clean-up procedures:** Do not use equipment in clean-up procedure which may produce sparks. Transfer to a

[cont...]

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suitable container.

**7. HANDLING AND STORAGE**

**Handling requirements:** Ensure there is sufficient ventilation of the area. Use non-sparking tools. Smoking is forbidden.

**8. EXPOSURE CONTROLS / PERSONAL PROTECTION**

**Engineering measures:** Ensure there is sufficient ventilation of the area.

**Respiratory protection:** Self-contained breathing apparatus must be available in case of emergency.

**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:** Dark green

**Odour:** Barely perceptible odour

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

**Flash point°C:** 19

**10. STABILITY AND REACTIVITY**

**Stability:** Stable under normal conditions.

**Conditions to avoid:** Direct sunlight. Heat. Sources of ignition. Flames. Air.

**Materials to avoid:** Oxidising agents. Aluminium.

**11. TOXICOLOGICAL INFORMATION**

**Ingredient 1:** PROPAN-2-OL

ORL RAT LD50 5045mg/kg

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

**Waste disposal:** Transfer to waste solvent drum for collection by specialist disposal company.

**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:** 1993

**ADR Class:** 3

**Hazard ID no:** 33

**Labelling:** 3

**Shipping name:** FLAMMABLE LIQUID, N.O.S.

**IMDG / IMO**

**UN no:** 1993

**Class:** 3.2

[cont...]

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**Packing group:** II  
**EmS:** 3-07  
**Marine pollutant:** YES  
**Labelling:** 3

**IATA / ICAO**

**UN no:** 1993  
**Class:** 3  
**Packing group:** II  
**Packing instructions:** 305  
**Quantity** 60 L  
**Labelling:** 3

**15. REGULATORY INFORMATION**

**Hazard symbols:** Highly flammable.



**Risk phrases:** R11: Highly flammable.

**Safety phrases:** S2: Keep out of the reach of children.

S7: Keep container tightly closed.

S16: Keep away from sources of ignition - No smoking.

**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**

**Risk phrases used in s.2:** R11: Highly flammable.

R36: Irritating to eyes.

R67: Vapours may cause drowsiness and dizziness.

**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.