



SAFETY DATA SHEET

NASD

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Revision No: 1

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

Product name: NASD

Company name: Unicorn Chemicals Ltd

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2. HAZARDS IDENTIFICATION

Main hazards: Harmful: may cause lung damage if swallowed. Repeated exposure may cause skin dryness or cracking.

Other hazards: Combustible. In use, may form flammable / explosive vapour-air mixture.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Hazardous ingredients: HIGHLY REFINED ISO-ALKANES >90%

CAS: 64742-48-9

[-] R10; [Xn] R65; [-] R66

4. FIRST AID MEASURES (SYMPTOMS)

Skin contact: There may be irritation and redness at the site of contact.

Eye contact: There may be irritation and pain.

Ingestion: There may be shortness of breath due to congestion of the lungs.

Inhalation: Nausea and stomach pain may occur.

4. FIRST AID MEASURES (ACTION)

Skin contact: Wash immediately with plenty of soap and water.

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

Ingestion: Do not induce vomiting. Transfer to hospital as soon as possible.

Inhalation: Move to fresh air in case of accidental inhalation of vapours.

5. FIRE-FIGHTING MEASURES

Extinguishing media: Carbon dioxide. Dry chemical powder. Water fog. Use water spray to cool containers.

Exposure hazards: In combustion emits toxic fumes of carbon monoxide.

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

[cont...]

6. ACCIDENTAL RELEASE MEASURES

Personal precautions: Refer to section 8 of SDS for personal protection details. Eliminate all sources of ignition.

Environmental precautions: Contain the spillage using bunding. Do not discharge into drains or rivers.

Clean-up procedures: Transfer to a closable, labelled salvage container for disposal by an appropriate method.

7. HANDLING AND STORAGE

Handling requirements: Ensure there is sufficient ventilation of the area. Avoid direct contact with the substance.

Storage conditions: Store in cool, well ventilated area. Avoid incompatible materials and conditions - see section 10 of SDS.

Suitable packaging: Stainless steel.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION**Workplace exposure limits**

WEL (8 hr TWA): 150ppm

Hazardous ingredients: HIGHLY REFINED ISO-ALKANES

WEL (8 hr TWA): 1000mg/m³

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

Respiratory protection: Gas/vapour filter, type A: organic vapours (EN141).

Hand protection: Where hand contact with the product may occur the use of chemical resistant gloves, approved to relevant standards, made from the following materials may provide suitable chemical protection: Nitrile gloves. PVC gloves. Neoprene gloves. Suitability and durability of a glove is dependent on usage, e.g. frequency and duration of contact, chemical resistance of glove material, glove thickness, dexterity. Always seek advice from glove suppliers.

Eye protection: Safety goggles.

Skin protection: Protective clothing.

9. PHYSICAL AND CHEMICAL PROPERTIES

State: Liquid

Colour: Colourless

Flammability limits %: lower: 0.6

upper: 6

Flash point°C: 60

10. STABILITY AND REACTIVITY

Stability: Stable under normal conditions.

Conditions to avoid: Heat. Flames. Sources of ignition.

Materials to avoid: Strong oxidising agents.

Haz. decomp. products: In combustion emits toxic fumes of carbon monoxide. In combustion emits toxic fumes.

11. TOXICOLOGICAL INFORMATION

Hazardous ingredients: HIGHLY REFINED ISO-ALKANES
ORL RAT LD50 >5000 mg/kg

12. ECOLOGICAL INFORMATION

Mobility: Floats on water.

Persistence and degradability: Only slightly biodegradable. Photodegradable.

13. DISPOSAL CONSIDERATIONS

Disposal operations: Transfer to a suitable container and arrange for collection by specialised disposal company.

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: 3295	ADR Class: 3
Packing group: III	Classification code: F1
Shipping name: HYDROCARBONS, LIQUID, N.O.S.	
Labelling: 3	Hazard ID no: 30

**IMDG / IMO**

UN no: 3295	Class: 3
Packing group: III	EmS: F-E,S-D
Marine pollutant: .	
Labelling: 3	

IATA / ICAO

UN no: 3295	Class: 3
Packing group: III	
Packing instructions: 309(P&CA); 310(CAO)	
Labelling: 3	

15. REGULATORY INFORMATION

Hazard symbols: Harmful.



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Risk phrases: R65: Harmful: may cause lung damage if swallowed.

R66: Repeated exposure may cause skin dryness or cracking.

Safety phrases: S62: If swallowed, do not induce vomiting: seek medical advice immediately and show this container or label.

Haz. ingredients (label): HIGHLY REFINED ISO-ALIPHATICS

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. OTHER INFORMATION

Risk phrases used in s.3: R10: Flammable.

R65: Harmful: may cause lung damage if swallowed.

R66: Repeated exposure may cause skin dryness or cracking.

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.