

Material Safety Data Sheet

Base Oil Ultra-S 4 (100 Neutral) MSDS

Section 1: Chemical Product and Company Identification

Product Name: Base Oil Ultra-S 4 (100 Neutral)

Application: Lubricating Oil Base Stock

CAS#: 64742-55-8

HS Code: 27101971

Details of the supplier of the safety data sheet:

Supplier: Infinity Galaxy

Address: Unit. 1623, Floor 16, ParkLane Tower, Business Bay, Dubai, UAE

Website: <https://infinitygalaxy.org/>

Email: info@infinitygalaxy.org

Office Number: +971 45582418

Mobile Number: +971 50 980 4849

Section 2: Composition and Information on Ingredients

Distillates (petroleum), hydrotreated light paraffinic:

Name	CAS#	% by Weight
Distillates (petroleum), hydrotreated light paraffinic	64742-55-8	100

EC No.: 265-157-1

Classification (EC 127212008)

Classification (67/548/EEC)

Asp. Tox. 1-H304

Xn: R65.

Section 3: Hazards Identification

Hazard Classification in Accordance with GHS

Physical and Chemical Hazards	Not Classified.
Human Health	Asp. Tox. 1 - H304
Environment	Not Classified.

Hazard Classification in Accordance with GHS

Physical and Chemical Hazards	Not Classified.
Human Health	Asp. Tox. 1 - H304
Environment	Not Classified.

Label in Accordance with GHS



Hazard Statements

H304	May be fatal if swallowed and enters airways.
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Precautionary

P301+310	If Swallowed: Immediately call a poison center or doctor/physician.
P331	Do not induce vomiting.
P405	Store locked up.

Section 4: First Aid Measures

GENERAL INFORMATION

Contact physician If discomfort continues.

INHALATION

Move the exposed person to fresh air at once. If respiratory problems, artificial respiration/oxygen.

INGESTION

Get medical attention immediately! Immediately rinse mouth and provide fresh air.

SKIN CONTACT

Remove contaminated clothing immediately and wash skin with soap and water. Get medical attention promptly if symptoms occur after washing.

EYE CONTACT

Immediately flush with plenty of water for up to 15 minutes. Remove any contact lenses and open eyes wide apart. Get medical attention.

Section 5: Fire and Explosion Data

EXTINGUISHING MEDIA

Extinguish with foam, carbon dioxide or dry powder.

SPECIAL FIRE FIGHTING PROCEDURES

NOTE! Use air-supplied respirators to protect against gases/fumes. Use water SPRAY only to cool containers! Do not put water on leaked material.

UNUSUAL FIRE & EXPLOSION HAZARDS

N/A.

SPECIFIC HAZARDS

When heated and in case of fire, corrosive vapors/gases may be formed.

PROTECTIVE MEASURES IN FIRE

Self-contained breathing apparatus and full protective clothing must be worn in case of fire.

Section 6: Accidental Release Measures

PERSONAL PRECAUTIONS

Wear protective clothing as described in Section 8 of this safety data sheet.

ENVIRONMENTAL PRECAUTIONS

Do not allow ANY environmental contamination. Do not discharge into drains, water courses or onto the ground.

SPILL CLEAN UP METHODS

Collect with absorbent, non-combustible material into suitable containers. Transfer to a container for disposal.

Section 7: Handling and Storage

USAGE PRECAUTIONS

Avoid spilling, skin and eye contact. Wear full protective clothing for prolonged exposure and/or high concentrations. Always remove oil with soap and water or skin cleaning agent, never use organic solvents. Do not use oil-contaminated clothing or shoes, and do not put rags moistened with oil into pockets. Ventilate well, avoid breathing vapors. Use approved respirator if air contamination is above accepted level.

STORAGE PRECAUTIONS

Keep upright. Keep away from food, drink and animal feeding stuffs. Store in tightly closed original container in a dry, cool and well-ventilated place.

Section 8: Exposure Controls/Personal Protection

PROTECTIVE EQUIPMENT



PROCESS CONDITIONS

Provide eyewash station.

ENGINEERING MEASURES

Provide sufficient ventilation during operations which cause vapour formation.

RESPIRATORY EQUIPMENT

In case of inadequate ventilation use suitable respirator. Wear mask supplied with: Gas cartridge suitable for organic substances.

HAND PROTECTION

Chemical resistant gloves required for prolonged or repeated contact.

EYE PROTECTION

Wear approved safety goggles.

OTHER PROTECTION

Provide eyewash station.

HYGIENE MEASURES

Wash hands after contact. Promptly remove any clothing that becomes contaminated. **DO NOT SMOKE IN WORK AREA!**

Section 9: Physical and Chemical Properties

APPEARANCE	Viscous liquid
COLOUR	Clear
BOILING POINT (°C)	N.A.
RELATIVE DENSITY	0.834 @ 15 °C
VAPOUR PRESSURE	N.A.
VISCISITY	4.0-4.5 cSt @ 100 °C (ASTM D 445) 18.0-20.0 cSt @ 40 °C (ASTM D 445)
FLASH POINT (°C)	≥ 210 °C (ASTM D 92)
FLAMEABILITY LIMIT- LOWER (%)	0.9 %
FLAMEABILITY LIMIT- UPPER (%)	7 %

Section 10: Stability and Reactivity Data

STABILITY

Stable under normal temperature conditions and recommended use.

HAZARDOUS POLYMERISATION

Will not polymerize.

MATERIALS TO AVOID

Strong oxidizing substances.

HAZARDOUS DECOMPOSITION PRODUCTS

Carbon monoxide (CO). Carbon dioxide (CO₂). Aldehydes. Ketones Nitrous gases (NO_x). Sulphurous gases (SO_x).

Section 11: Toxicological Information

TOXIC DOSE 1 - LD 50	>5000 mg/kg (oral rat)
TOXIC DOSE 2 - LD 50	>5000 mg/kg (dermal/rabbit)

INHALATION

Not relevant at normal room temperatures. When heated, irritating vapors may be formed.

INGESTION

Harmful if swallowed.

SKIN CONTACT

No specific health warnings noted. EYE CONTACT

No specific health warnings noted. HEALTH WARNINGS

Observe good chemical hygiene practices.

ROUTE OF ENTRY

Ingestion. Skin and/or eye contact.

MEDICAL SYMPTOMS

Diarrhea, Nausea, vomiting.

Section 12: Ecological Information

LC 50, 96 Hrs., FISH mg/L >1000

EC 50, 48 Hrs., DAPHNIA, mg/l >1000

IC 50, 72 Hrs., ALGAE, mg/l >1000

MOBILITY

The product is insoluble in water and will spread on the water surface.

BIOACCUMULATION

Will not bio-accumulate.

DEGRADABILITY

The product is not readily biodegradable.

ACUTE FISH TOXICITY

Not considered toxic to fish.

Section 13: Disposal Considerations

GENERAL INFORMATION

Dispose of waste and residues in accordance with local authority requirements.

DISPOSAL METHODS

Incinerate with provision for removal of effluent gases by scrubber.

Section 14: Transport Information

The substance is not a subject to transport regulations on hazardous goods included in ADR (road transport), RID (rail transport), IMDG (marine transport) and ICAO/IATA (air transport).

Section 15: Other Regulatory Information

EINECS No.: 265-158-7

CLASSIFICATION IN ACCORDANCE WITH EC 1272/2008

Classification (EC 1272/2008)

Asp. Tax. 1 - H304

CLASSIFICATION IN ACCORDANCE WITH 67/548/EEC Classification (67/548/EEC)

Xn;R65.

The Full Text for all R-Phrases and Hazard Statements is Displayed in Section 16.

Section 16: Other Information

References: Not available.

Other Special Considerations: Not available.

Created: 2011

Last Updated: 2024

RISK PHRASES IN FULL

R65 Harmful: may cause lung damage if swallowed.

HAZARD STATEMENTS IN FULL

H304 May be fatal if swallowed and enters airways.

The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigations to determine the suitability of the information for their particular purposes.