

Material Safety Data Sheet

PRODUCT LABELS

Labelling (Standard or EU)	Not Concern
R phrases :	None
S phrases :	None
TRANSPORT LABELLING:	Not applicable

1 Product and company identification

Commercial name :	Oscar Cutting Fluid
Chemical Name :	Paraffannic long chain hydrocarbons
Synonyms:	Hydrocarbons
C.A.S. No.:	Not Applicable
Hazchem No.:	-
Product application :	Metal Working Fluid
Company name :	Oscar Lubricants LLC
Address :	P O Box 7546, Ajman United Arab Emirates +971 6 7433354

2 Composition / information on ingredients

PREPARATION

Chemical Nature :	Petroleum-derived severely refined mineral-base product in which the polycyclic aromatic hydrocarbons (PCA or PAH) content, measured by IP 346, is less than 3%
Substances contributing to hazards :	Petroleum distillate hydro treated CAS 64742-46-7 (Xn-R65)... max 18%
Impurities contributing to hazards :	None to our knowledge

3 Hazard Identification

Adverse human health effects :	his product dose not present danger of intoxication.
Environmental effects :	Don't reject this product into the environment
physical and chemical hazards :	No specific risk of fire or explosion under normal conditions of use

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4 First-aid measures

IN CASE OF SERIOUS MANIFESTATIONS, CALL IN A DOCTOR OR EMERGENCY MEDICAL CARE

Route of exposure :

Inhalation

Inhalation of heavy concentrations of vapour, fumes or spray, may cause mild irritation of the throat.

Contact with the skin : Transport the person into fresh air, keep warm and allow to rest.

If the skin is exposed to high-pressure spray, the product may enter the human body. In all such cases the affected person must be taken to hospital, even if no sign of injury can be detected.
Immediately remove all soiled or stained clothing

Contact with the eyes : Wash the affected area immediately and repeatedly soap and water
Keep eyes open and rinse immediately and repeatedly with water for at least 15 minutes

Ingestion : Possible risk of vomiting and diarrhoea
Do not induce vomiting to avoid the risk of aspiration into the respiratory tract
Give nothing to drink

Aspiration : If the product is believed to have entered the lungs (in case of vomiting, for example), take the person to hospital for immediate care

5 Fire-fighting measures

Flash Point : See section 9

Fire extinguishers :

- suitable :

Foam, carbon dioxide (CO₂), powder

- not suitable :

Do not use water jets (stick jets) for extinguishing fire since they could help to spread the flames.

Specific hazards:

Vapour can build explosive mixture with air.

Vapour are heavier than air and may spread on the ground to sources of ignition.

Fire-fighter protection :

Insulated breathing apparatus must be worn in confined premises with heavy concentrations of fumes and gases.

6 Accidental release measures

See also heading 8 and 13

Personal protection:

Ensure good ventilation. Remove source of ignition. Do not smoke.

After spillage / leakage

- on soil

Surfaces on which the product has been spilled may become slippery
Avoid discharge of the material in a stream or sewer or cause ground contamination.

recovery by physical means

Contain and collect the spilled product with sand or any other inert material.

In the even of a major spill, inform the competent authorities if the situation cannot be brought under control rapidly and efficiently.

- on water

Use floating absorbent material to be removed mechanically

If the material has been discharged into a stream or a sewer, inform the authorities of the possible presence of floating materials.

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7 Handling and storage

HANDLING

- Technical measures :
 - prevention of user exposure Provide adequate ventilation in case of the potential formation of vapour, fumes, mist or spray
Take all measures to reduce the risk of exposure, in particular to used or waste product.
Keep away from flammable material : keep away from food and beverages
 - prevention of fire and explosion Empty containers may contain flammable or explosive vapours
There is a fire hazard associated with rags, paper or any other material used to remove spills which become soaked with product
 - precautions : Avoid accumulate of these : they are to be disposed off safely after use.
Avoid static electricity build up with connection to earth.

Set up machinery and equipment so as to avoid the risk of accidental spills or splashes onto hot machine parts and electrical contacts (on joint failure, for example)
- Safe handling advice : -Oil leaks in pressure circuits resulting in a fine inflammable spray (the flammability limit for oil mist is depressed when concentration of about 45 g/m3 are reached)
Avoid contact with strong oxidizing agents
Use only hydrocarbon-resistant containers, joints, pipes etc ...

STORAGE

- Technical measures : Make the necessary arrangements and take all measures to prevent water and ground pollution
- Storage condition : Store at room temperature, protected against contact with water and moisture, and away from any source of ignition
- Suitable Keep containers closed when not in use.
Do not store exposed to the elements
- To be avoided Dangerous reaction with strong oxidizing agents
- Incompatible products :
- Packaging materials :
- Recommended Use only hydrocarbon - resistant containers, joints, pipes etc
Keep in original containers if possible
Otherwise, transfer all indications on the regulatory label to the new container

8 Exposure controls / personal protection

- Engineering measures : Use the product in well-ventilated premises
- Control parameters : When working on enclosed place (tanks, reservoirs..), make sure that the atmosphere is not suffocating and / or wear recommended equipment.
- Occupational exposure limit oil mist : 10 mg/m3, for 15 mins
oil mist : 5 mg/m3, for 8 hrs
- Personal protective equipment
- hand protection Impermeable hydrocarbon-proof gloves
recommended material : nitrile, neoprene
- Eye protection Goggles, in case of splashing
- Skin and body different hand protectionAs required, wear a face mask, hydrocarbon-proof clothing, and safety boots (when handling drums)
Don't wear ring, watch or similar thing which will be able to hold the product and may give rise to some skin diseases

Industrial hygiene

Avoid prolonged and repeated contact with the skin, especially with used or waste product

Immediately remove all soiled or stained clothing.

If the product comes in contact with the skin, wash the affected area immediately and repeatedly with soap and water

Use no abrasives, solvents or petroleum spirit

Do not use clothes stained with the product to dry hands

Don't put the product-soaked rags in the pockets of working clothes

Do not eat, drink, or smoke while handling the product

9 Physical and chemical properties

Appearance

- Physical state

Liquid

- Colour

Yellow to amber

- Odour (*)

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- pH

>7.5

- Specific temperature

Not measurable

of change in state

- Flash Point :

>200°C (COC Open Cup)

Auto-ignition temperature :

Not Measurable

Explosion limits

> 350°C

Density @ 29.5°C

0.86 kg/l (avg)

Solubility

- in water

NIL

- in organic solvents

Completely soluble in Hexane

- viscosity @ 40°C

36 cSt (Typ.)

Melting / Freezing Point °C

Not applicable

Vapour Pressure at 35°C,

14.7 psi (Normal ATP)

Vapour Density (Air=1)

1

(*) Avoid smelling the product

10 Stability and reactivity

Stability :	The product is stable under normal temperature of storage, handling and use
Dangerous reactions :	Not dangerous reaction known under normal conditions of use, to refer to the technical notice
- Conditions to avoid	Heat (temperatures above flash point), sparks, ignition points, flames, static electricity
- Materials to avoid	Avoid contact with strong oxidizing agents
Dangerous decomposition products	Incomplete combustion and thermolysis produce more or less toxic gases such as CO, CO ₂ , various hydrocarbons, aldehydes and soot

11 Toxicological information**ACUTE TOXICITY/LOCAL EFFECTS**

- Inhalation	Risk is improbable under normal conditions of use Inhalation of important concentration of vapour or aerosols may cause irritation of the upper respiratory tract.
- Contact with the skin	Risk is improbable under normal conditions of use If the skin is exposed to high-pressure spray, the product may enter the human organism. In all such cases the affected person must be taken to hospital, even if no sign of injury can be detected.

- Ingestion

In case of ingestion of small quantities, no important effect observed, in case of ingestion of larger amounts: abdominal pain, diarrhoea, ...

SENSITIZATION

To our knowledge, the product don't induce sensitization

CHRONIC TOXICITY OR LONG-TERM TOXICITY

- Contact with the skin :	Characteristic skin affections (oil blisters) may develop following prolonged and repeated exposure through contact with stained clothing.
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12 Ecological information

Mobility :	
- Air :	There is a slow loss by evaporation
- Ground :	Given its physical and chemical characteristics, the product generally shows little mobility in the ground
- Water :	The product is insoluble, it spreads on the surface of the water
Persistence and degradability	Experimental data on the finished product are not available However, the "mineral oil" portion of the virgin product is intrinsically biodegradable. Particular ingredients may not be biodegradable.
Ecotoxicity ;	The virgin product is considered to present no danger for land-growing organisms. It is considered to present a little danger for aquatic life no information available for used product

13 Disposal consideration :

Waste disposal :	Dispose in a safe manner in accordance with local/national regulations If need be, collection by an authorized waste contractor and regeneration or incineration in an approved installation
Used packaging disposal	Conform to the regulation in effect

14 Transport information

UN Number :	unregulated
Road(ADR)/Rail(RID)/River(ADNR)	Not restricted for transport
Marine (IMO-IMDG)	Not restricted for transport
Airline (ICAO / IATA)	Not restricted for transport

15 Regulatory information

EUROPEAN REGULATIONS

- EC labelling

- R Phrase(s)

None

- S Phrase(s)

None