SAFETY DATA SHEET

ULTRA HEAT TRANSFER OIL

Print Date: 03/01/2022 Revision Date: 24/1/2025 Issue No.6

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

MANUFACTURER'S NAME:
TRINIDAD & TOBAGO NATIONAL PETROLEUM MARKETING CO. LTD.
EMERGENCY TELEPHONE NUMBER:
868-623-6245
FAX NUMBER:
627-4028
ADDRESS:
NP HOUSE, NATIONAL DRIVE, SEA LOTS, PORT- OF - SPAIN , TRINIDAD &TOBAGO, W.I.

PRODUCT NAME:
ULTRA HEAT TRANSFER OIL
GENERIC AND/OR CHEMICAL NAME:
LUBRICATING OIL

SECTION 2: HAZARDS IDENTIFICATION

This material is not considered to be hazardous according to regulations.

GHS-Classification
Not a hazardous subtance or mixture.

GHS Label Elements
No hazard pictogram, no signal word, no hazard statement(s), no precautionary statement(s) required.

Other Hazards
Prolonged or repeated contact may dry skin and cause irritation.

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SECTION 3: COMPOSITION/ INFORMATION ON INGREDIENTS

Substance / Mixture: Mixture

Chemical Nature : Highly refined mineral oil and Additives

Hazardous Components

Component	CAS-No.	Concentration (% w/w%)	GHS Classification
Distillates (petroleum), hydrotreated heavy paraffinic	64742-54-7	> 99	Asp. Tox. 1; H304

For explanation of abbreviations see section 16.

SECTION 4: FIRST AID MEASURES

If inhaled : If adverse effects occur, remove to fresh air. Using proper respiratory protection, immediately remove the affected victim from exposure. Administer artificial respiration if breathing is stopped. Keep at rest.

In case of skin contact : Wash with soap and water. Obtain medical attention if skin disorders develop. Remove contaminated clothing and launder before reuse. Discard shoes and other leather articles saturated with the material.

In case of eye contact : Flush eyes with copious quantities of water and obtain medical aid if irritation persists.

If swallowed	:	Clean mouth with water, drink afterwards plenty of water and get medical attention. DO NOT INDUCE VOMITING. Never give anything by mouth to an unconscious person.
Most important symptoms and effects, both acute and delayed	:	No symptoms known or expected.
Protection of first-aiders	:	Ensure that the appropriate personal protective equipment (PPE) is being worn when administering first aid.
Notes to physician	:	Treat symptomatically

SECTION 5: FIREFIGHTING MEASURES

SUITABLE EXTINGUISHING MEDIA

Foam, Water-Fog, Carbon-Dioxide and Dry chemical.

UNSUITABLE EXTINGUISHING MEDIA

Do NOT use water jet to extinguish flames.

UNUSUAL FIRE AND EXPLOSIVE

NONE

SPECIAL HAZARDS ARISING FROM THE SUBSTANCE

Combustibility	:	Not classified as flammable or combustible, but will combust if ignited.
Hazardous combustion products	:	Carbon monoxide may be evolved if incomplete combustion occurs. Decomposition products may include the following materials: carbon dioxide carbon monoxide

Specific extinguishing methods	:	Use standard procedure for extinguishing chemical fires. Execute procedures appropriate to local circumstances and surrounding environment.

SPECIAL PROTECTIVE EQUIPMENT FOR FIREFIGHTERS

Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures	:	Avoid contact with eyes and skin. Use Personal Protective Equipment (PPE). Refer to protective measures listed in Section 8.
Environmental precautions	:	Prevent entry into drains or water courses by using earth, sand or other appropriate barriers. Do not flush into surface water or sanitary sewer system. Contain the release to prevent further leakage or spillage, if it is safe to do so. Inform respective local authorities if the product contaminates rivers, lakes or drains.
Methods and materials for containment and cleaning up	:	Prevent spreading by making a barrier using earth, sand or other containment material. Wipe up with absorbent material (e.g. cloth, fleece). Reclaim material directly or in an absorbent. Keep in suitable, closed containers for disposal.
Additional advice	:	See Section 8 of this Safety Data Sheet for guidance on selection of personal protective equipment. See Section 13 of this Safety Data Sheet for guidance on disposal of spilled material.

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SECTION 7: HANDLING AND STORAGE

Advice on safe handling : Avoid repeated or prolonged contact with skin.
Avoid inhaling vapour and/or mists.
Properly dispose of contaminated rags to prevent fires.
Safety footwear should be worn when handling product in drums and proper handling equipment should be used.
For personal protection, see Section 8.

Conditions for safe storage : Store in original container protected from direct sunlight in a dry, cool and well-ventilated area.
Use properly labeled and closable containers.

Packagaing Material : For containers or container linings, use mild steel or high density polyethylene. Do not use PVC.

SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

Components with workplace control parameters

Component	ACGIH	NIOSH	OSHA
Distillates (petroleum), hydrotreated heavy paraffinic	TWA: 5 mg/m³ 8 hours. Form: Inhalable fraction	TWA: 5 mg/m³ 10 hours. Form: Mist STEL: 10 mg/m³ 15 minutes. Form: Mist	TWA: 5 mg/m³ 8 hours.

Engineering Controls : Good general ventilation should be sufficient to control worker exposure to airborne contaminants.

Personal Protective Equipment

Respiratory protection	:	Based on the hazard and potential for exposure, select a respirator that meets the appropriate standard. Respirators must be used according to a respiratory protection program to ensure proper fitting, training, and other important aspects of use. Recommended: Type A/Type P boiling point >65°C (149°F).
Hand protection	:	Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary. **Recommended:** PVC gloves. Neoprene gloves. Nitrile gloves.
Eye/ Face protection	:	Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases or dusts. If contact is possible, the following protection should be worn, unless the assessment indicates a higher degree of protection: safety glasses with side shields
Skin and Body protection	:	Protective suit, long sleeved clothing
Hygiene measures	:	General industrial hygiene practice.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance	:	Pale yellow liquid
Odor	:	Characteristic mineral oil

Melting / Freezing Point	:	Data not available
Boiling Point	:	Not Applicable
Flash Point (Closed)	:	210 ˚C
Evaporation Rate	:	Not Determined
Vapor Pressure	:	Not Determined
Kinematic Viscosity of Liquid @: 100 ˚C		4.65 mm^2/s
Specific Gravity	:	0.8612

SECTION 10: STABILITY AND REACTIVITY

Reactivity	:	No dangerous reactions known under conditions of normal use.
Chemical Stability	:	Stable under recommended storage conditions.
Possibility of Hazardous Reactions	:	Under normal conditions of storage and use, hazardous reactions will not occur.
Conditions to avoid	:	Keep away from heat and direct sunlight.
Incompatible Materials	:	Reactive or incompatible with the following materials: oxidizing materials.
Hazardous Decomposition Products	:	No decomposition if stored and used as directed.

SECTION 11: TOXICOLOGICAL INFORMATION

Basis for assessment : The information given is based on the toxicology of the components or similar products. The data represents the product as a whole, rather than the individual component(s), unless indicated otherwise.

Product

Acute oral toxicity	:	LD50 rat: > 5.000 mg/kg Remarks: Low toxicity Based on available data, the classification criteria are not met.
Acute inhalation toxicity	:	Based on available data, the classification criteria are not met.
Acute dermal toxicity	:	LD50 Rabbit: > 5.000 mg/kg Remarks: Low toxicity Based on available data, the classification criteria are not met.
Skin corrosion/ irritation	:	The material is not considered a skin irritant.
Serious eye damage/ eye irritation	:	The material is not considered an an eye irritant.
Respiratory or skin sensitisation:		The material is not considered a skin sensitizer.
Germ cell mutagenicity	:	The material is not considered a mutagen.
Carcinogenicity	:	The mineral oils in the product contain < 3% DMSO extract (IP 346). Carcinogenicity: Highly refined mineral oils are not classified as carcinogenic by the International Agency for Research on Cancer (IARC).

Reproductive toxicity	:	The material is not considered a reproductive toxicant.
Specific Target Organ Toxicity (STOT) - Single exposure	:	The material is not considered a specific target organ toxicant (single exposure).
Specific Target Organ Toxicity (STOT) - Repeated exposure	:	The material is not considered a specific target organ toxicant (repeated exposure).
Aspiration toxicity	:	This material is not considered a aspiration hazard.

SECTION 12: ECOLOGICAL INFORMATION

Basis for assessment **:** The information given is based on the ecotoxicology of the components or similar products. The data represents the product as a whole, rather than the individual component(s), unless indicated otherwise.

Product

Ecotoxicity	:	The material is not expected to be harmful to aquatic organisms. The product has not been tested. The statement has been derived from the properties of the individual components.
Mobilitiy	:	No data available.
Persistance and degradability	:	No data available.
Bioaccumulative potential	:	No data available.

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SECTION 13: DISPOSAL CONSIDERATIONS

Use materials for their intended purpose, or recycle them when possible. Oil collection services are available for the recycling or disposal of used oil. Contaminated materials should be placed in containers and disposed of in accordance with relevant regulations. For approved disposal or recycling methods, please contact your sales representative or local environmental or health authorities.

SECTION 14: TRANSPORT INFORMATION

International Regulations

ADR
Not regulated as a dangerous good.

IATA-DGR
Not regulated as a dangerous good.

IMDG-Code
Not regulated as a dangerous good.

Maritime transport in bulk according to IMO instruments
MARPOL Annex 1 rules apply for bulk shipments by sea.

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SECTION 15: REGULATORY INFORMATION

Safety, health and environmental regulations/legislation specific for the substance or mixture

The regulatory information is not intended to be comprehensive. Other regulations may apply to this material.

Other international regulations:

U.S. Federal regulations : TSCA 8(a) CDR Exempt/Partial exemption: All components are listed or exempted.

United States inventory (TSCA 8b): All components are active or exempted.

SECTION 16: OTHER INFORMATION

Key to the H-statements contained in sections 2 and 3 of this document.

H304 May be fatal if swallowed and if entered airways.

Key or legend to abbreviations and acronyms used in the safety data sheet

DSL	:	Domestic Substances List (DSL)
PICCS	:	Inventory of Chemicals and Chemical Substances (PICCS)
TSCA	:	TSCA Inventory
AICS	:	Australia Inventory of Chemical Substances (AICS)
IECSC	:	China. Inventory of Existing Chemical Substances in China (IECSC)
ENCS	:	Japan. ENCS - Existing and New Chemical Substances Inventory
KECI	:	Korea. Korean Existing Chemicals Inventory (KECI)
NZIoC	:	New Zealand. Inventory of Chemical Substances

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