

Material Safety Data Sheet

MSDS No.
AP0401

Topaz[®] Oil 15

HMIS	IMPORTANT: Read this MSDS before handling and disposing of this product and pass this information on to employees, customers, and users of this product. This product is covered by the OSHA Hazard Communication Standard and this document has been prepared in accord with the MSDS requirements of the rule.	Protective Equipment					
<table border="1"> <tr> <td>Health Hazard</td> <td>*1</td> </tr> <tr> <td>Fire Hazard</td> <td>1</td> </tr> <tr> <td>Reactivity</td> <td>0</td> </tr> </table> * - Chronic Health Hazard		Health Hazard	*1	Fire Hazard	1	Reactivity	0
Health Hazard	*1						
Fire Hazard	1						
Reactivity	0						

SECTION 1: IDENTIFICATION

Trade Name	Topaz [®] Oil 15	MSDS No.	AP0401
Product Number	1426614266	Revision Date	4/20/98
CAS Number	64741-89-5 or Mixture - See Section 2.		
Synonyms	Topaz [®] Oil S-75 (former name); Low-viscosity, General-purpose Industrial Oil.		
Generic Name	Solvent-refined Light Paraffinic Distillate (Petroleum)		
Chemical Family	Petroleum Hydrocarbons		
Manufacturer	Lyondell Lubricants 12000 Lawndale Avenue P.O. Box 2451 Houston, Texas 77252-2451	Telephone Numbers	800/424-9300 CHEMTREC 800/313-7645 Company Hot Line 800/447-4572 Customer Service/ MSDS Requests

SECTION 2: COMPOSITION

Component Name	CAS Number	Carcinogenic Listings	Concentration Wt%
SOLVENT-REFINED LIGHT PARAFFINIC DISTILLATE (PETROLEUM)	64741-89-5	Not applicable	AP 0 to 100
SOLVENT-REFINED/DEWAXED LIGHT PARAFFINIC DISTILLATE	64742-56-9	Not applicable	AP 0 to 100

SECTION 3: HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

Signal Word	CAUTION!	Color	Light yellow to straw.
Physical State	Liquid.	Odor	Faint hydrocarbon lube oil.
Physical and Health Hazards	May cause slight eye irritation! May cause mild to moderate skin irritation and inflammation following extended contact! Aspiration into the lungs may cause lipoid pneumonia! Spills create a slipping hazard!		
Environmental Hazards	Ecological effects testing has not been conducted on this product. If it were spilled, no significant detrimental effects would be expected to occur.		

POTENTIAL HEALTH EFFECTS

Routes of Exposure	Eye and skin contact; Inhalation.
Signs and Symptoms of Acute Exposure	
• <i>Inhalation</i>	No significant adverse health effects are expected to occur upon short-term exposure. Aspiration into the lungs may cause lipoid pneumonia.
• <i>Eye Contact</i>	Minimal eye irritation may result from short-term contact with liquid, mist, and/or vapor.

EXTINGUISHING MEDIA

Small Fire: Use dry chemicals, carbon dioxide (CO₂), foam, water fog, or inert gas (nitrogen).
 Large Fire: Use foam, water fog, or waterspray. Water fog and spray are effective but might cause frothing and/or may not achieve extinguishment. A water jet may be used to cool the vessel's external walls to prevent pressure build-up, autoignition, or explosion. Never use a water jet directly on the fire because it may spread the fire to a larger area.

FIRE FIGHTING

Protective Equipment/Clothing: Wear a NIOSH-approved positive pressure self-contained breathing apparatus and firefighter's turnout gear.

Instructions: Evacuate area and fight from a maximum distance or use unmanned hose holders or monitor nozzles. Heat may generate flammable or explosive vapors; disperse with water spray and cover pooling liquid with foam. Containers can build up pressure if exposed to heat; cool with flooding quantities of water until well after the fire is out. Withdraw immediately in case of rising sound from venting safety devices or discoloration of vessel.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Take proper precautions to ensure your own health and safety before attempting spill control or clean-up. For more specific information, refer to the Emergency Overview in Section 3 and Exposure Controls in Section 8 of this MSDS.

Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Slipping hazard; do not walk through spilled material. Stop leak if you can do so without risk. For small spills, absorb or cover with dry earth, sand, or other inert non-combustible absorbent material and place into containers for later disposal. Contain large spills to maximize product recovery or disposal. Prevent entry into waterways or sewers. In urban area, cleanup spill as soon as possible; in natural environments, cleanup on advice from ecologists to minimize physical habitat damage. This material will float on water. Absorbent pads and similar materials can be used.

Contain large spills to maximize product recovery or disposal. Prevent entry into waterways or sewers. In urban area, cleanup spill as soon as possible; in natural environments, cleanup on advice from ecologists to minimize physical habitat damage. This material will float on water. Absorbent pads and similar materials can be used.

SECTION 7: HANDLING and STORAGE**Handling**

To avoid product degradation, water contamination should be avoided and minimum feasible handling temperatures should be maintained. Periods of exposure to high temperatures (GT 200°F.) should be minimized. Product degradation might increase health hazard risks.

Storage

Keep container tightly closed. Keep it in a dry, cool, well-ventilated place. Combustible materials should be stored away from extreme heat, radiation sources, and strong oxidizing agents. DO NOT puncture, incinerate, or store containers at temperatures above 120°F (49°C) or in direct sunlight.

SECTION 8: EXPOSURE CONTROLS and PERSONAL PROTECTION**ENGINEERING CONTROLS**

Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of mists and/or vapors below the recommended exposure limits (see below). Ensure that an eyewash station and safety shower are near the work-station location.

SECTION 10: STABILITY AND REACTIVITY

Chemical Stability	Stable.
Conditions to Avoid	Extreme heat and open flame.
Incompatibility with Other Materials	Strong acids, alkalis, and oxidizers such as liquid chlorine and oxygen.
Hazardous Decomposition Products	No degradation data available.
Hazardous Polymerization	Not expected to occur.

SECTION 11: TOXICOLOGICAL INFORMATION

No specific information is available in our data base regarding the chronic toxic effects of this material for humans.

Solvent-refined Light Paraffinic Distillate (65 SUS at 100°F Viscosity) (a similar product):

ORAL (LD50):	Acute: GT 5,000 mg/kg (Rat screen level).
DERMAL (LD50):	Acute: GT 5,000 mg/kg (Rabbit screen level).
DRAIZE EYE:	Acute: Minimal eye irritant (Rabbit).
DRAIZE DERMAL:	Acute: Non-irritating (Rabbit).
BUEHLER DERMAL:	Acute: Non-sensitizing (Guinea Pig).
21-Day DERMAL:	Sub-Chronic: Mild to moderate skin irritant (Rabbit) - No deaths.
MUTAGENICITY:	
modified Ames Assay:	Negative (Salmonella typhimurium).
in-vitro SCE Ovary Assay:	Negative (Chinese Hamster).
in-vitro Lymphoma Assay:	Equivocal; no dose response relationship (Mouse).
in-vivo Bone Marrow Assay:	Negative (Rat).

SECTION 12: ECOLOGICAL INFORMATION

Ecological effects testing has not been conducted on this product. If it were spilled, no significant detrimental effects would be expected to occur. However, plants and animals may experience harmful or fatal effects when coated with Petroleum-based products.

Petroleum-based (mineral) lube oils will normally float on water. In stagnant or slow-flowing waterways, an oil layer can cover a large surface area. As a result, this oil layer might limit or eliminate natural atmospheric oxygen transport into the water. With time, if not removed, oxygen depletion in the waterway might be enough to cause a fish kill or create an anaerobic environment.

SECTION 13: DISPOSAL CONSIDERATIONS

Maximize product recovery for reuse or recycling. Conditions of use may cause this material to become a "Hazardous Waste", as defined by state or federal laws. Use approved treatment, transporters, and disposal sites in compliance with all applicable regulations. If spill is introduced into a wastewater treatment system, Chemical and Biological Oxygen Demand will likely increase. Spill material is biodegradable if gradually exposed to microorganisms, preferably in an aerobic environment. Potential treatment and disposal methods include land farming, incineration, and land disposal, if permitted.

This product is classified as an oil under Section 311 of the Clean Water Act (40 CFR 110) and the Oil Pollution Act of 1990 (40 CFR 112). Discharge or spills which produce a visible sheen on either navigable surface water, or in waterways and sewers which lead to navigable surface water, must be reported to the National Response Center (800-424-8802).

SECTION 16: OTHER INFORMATION

HMIS (U.S.A.)

Health Hazard	*1
Fire Hazard	1
Reactivity	0

* = Chronic Health Hazard

National Fire
Protection
Association (U.S.A.)



REVISION INFORMATION

Version Number 08
 Revision Date 4/20/98
 Latest Revision Converted to ANSI 16-section format and peer-reviewed on 4/20/98.
 Additional remarks were incorporated into all sections.
 Print Date Printed on 4/22/98.

ABBREVIATIONS

AP = Approximately EQ = Equal GT = Greater Than LT = Less Than NA = Not Applicable ND = No Data
 ACGIH = American Conference of Governmental Industrial Hygienists
 IARC = International Agency for Research on Cancer NTP = National Toxicology Program
 NIOSH = National Institute of Occupational Safety and Health OSHA = Occupational Safety and Health Administration

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