

MATERIAL SAFETY DATA SHEET

SECTION – 1 SUPPLIER INFORMATION

Product Name: Star brite Premium Hydraulic Oil R & O
Product Number: 15600, 15605, 156G55
Supplier's Name & Address: Star brite
4041 S.W. 47 Avenue
Ft. Lauderdale, FL 33314
Information Phone Number: (954) 587-6280
Emergency Phone Number: Chemtrec (800) 424-9300 or (703) 527-3887
Date Prepared: June 18, 2005

SECTION II – HAZARDOUS INGREDIENT INFORMATION

HAZARD RATING	RATING
4 – Extreme	Health – 1
3 – High	Flammability – 1
2 – Moderate	Reactivity – 0
1 – Slight	CAS # - None-Mixture
0 – Insignificant	

Toxic and Hazardous Ingredients:

<u>Component</u>	<u>CAS #</u>	<u>TLV</u>	<u>Wt. %</u>
Zinc Alkyldithiophosphate	68649-42-3	Not Established	0.3 – 0.6

SECTION III – PHYSICAL/CHEMICAL CHARACTERISTICS

Chemical Name: Petroleum Hydrocarbon plus Additives
Formula: Not applicable
Form: Liquid
Appearance: Liquid
Odor: Petroleum
Color: Amber
Specific Gravity: 0.887
Boiling Point: >330°C (625° F)
Melting Point (pour point): -24° C (-10° F)
Solubility in Water (by weight %): 0% @ 20° C
Volatile (by weight %): 0
Evaporation Rate: 0
Vapor Pressure (mm Hg @ 20° C): 0
Vapor Density (air=1): Not Volatile
pH (as is): Not applicable
Viscosity SUS @ 100° F: 300-310

SECTION IV – FIRE AND EXPLOSION DATA

Special Fire Fighting Procedures: Do not use water, except as fog.
Unusual Fire & Explosion Hazards: None
Flashpoint (method used ASTM D92): 230° C (-445 °F)
Flammable Limits %: Not applicable
Extinguishing Agents: Dry chemical or water for or CO₂ or foam. Exposed material may be cooled with water.

SECTION V – REACTIVITY DATA

Stability: Stable
Conditions to avoid: High temperatures
Incompatibility: Strong oxidizers such as hydrogen peroxide, bromine, and chromic acid.
Hazardous Polymerization: Will not occur.
Hazardous Decomposition Products: Carbon monoxide and carbon dioxide from burning. Oxides of phosphorous. Oxides of sulfur.

SECTION VI – HEALTH HAZARD DATA/FIRST AID

EMERGENCY FIRST AID PROCESURES

Eyes: Immediately flush with large quantities of water for at least 15 minutes and call a physician.
Skin Contact: Remove excess with cloth or paper. Wash thoroughly with soap and water. Prolonged skin contact may cause dermatitis or irritation.
Inhalation: Remove victim to fresh air. Call a physician.
If Swallowed: **Contact a physician immediately.**

SECTION VII – PRECAUTIONS FOR SAFE HANDLING

Precautions to be taken in Handling and Storage: Do not handle or store at temperatures over 38° C or 100° F.
Maximum Storage Temperature: 38° C (100°F)

SECTION VIII – SPECIAL PROTECTION AND CONTROL MEASURES

Ventilation Type Required (Local, mechanical, special): None, unless oil mist exceeds 5mg/m³
Respiratory Protection (Specify Type): None, unless oil mist exceeds 5mg/m³
Protective Gloves: Neoprene or nitrile rubber
Eye Protection: Chemical safety goggles with side shields or face shield
Other Protection Equipment: Launder soiled clothes before re-use.

SECTION IX – HANDLING OF SPILLS AND LEAKS

Procedures for Clean-up: Transfer bulk of material into another container. Absorb with inert material such as earth, sand, or vermiculite. Sweep up and dispose remaining material in accordance with local, state, and federal regulations.
Waste Disposal: Dispose of in accordance with all applicable federal, state and local regulations.

SECTION X – TOXICOLOGICAL/ECOLOGICAL INFORMATION

Permissible Concentrations: Oil mist mineral 5mg/m³ (OSHA and NIOSH)
Chronic Effects of Overexposure: Prolonged skin contact may cause dermatitis or skin irritation
Acute Toxicological Properties: No data available

SECTION XI – TRANSPORTATION DATA

Call for information

SECTION XII – REGULATORY INFORMATION

All components listed on TSCA inventory.

SECTION XIII – USER INFORMATION

The information and data herein are believed to be accurate and have been compiled from sources believed to be reliable. It is offered for your consideration, investigation, and verification. Buyer assumes all risk of use, storage and handling of the product in compliance with applicable Federal, State and Local laws and regulations.

Relating to any party's use of reliance on information and data contained herein regardless of whether it is claimed that the information and data are inaccurate, incomplete or otherwise misleading, this information relates to the material designated and may not be valid for such material used in combination with any other materials or in any process.

New and used motor oils have been tested for potential carcinogenicity in laboratory mice. Only used motor oils were shown to cause skin cancer when repeatedly applied to mice without any effort to remove the material between applications. Strict compliance to the occupational control procedures outlined in the data sheet is believed to be adequate protection from such hazards.