

MATERIAL SAFETY DATA SHEET

SECTION I – SUPPLIER INFORMATION

Product Name: Star brite Premium Tractor Hydraulic Fluid Date Prepared: June 18, 2005  
 Product Number: 15700, 15705, 157G55  
 Supplier's Name & Address: Star brite  
 4041 S.W. 47 Avenue  
 Ft. Lauderdale, FL 33314  
 Information Phone: (954) 587-6280  
 Emergency Phone: (800) 424-9300 (Chemtrec)

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>Components</u>	<u>CAS #</u>	<u>TLV/PEL</u>	<u>Wt. %</u>
Zinc Dialkyldithiophosphate	Mixture	Not applicable	<5
Alkanolamine	Mixture	10 ppm	<5

SECTION III – PHYSICAL/CHEMICAL CHARACTERISTICS

Chemical Name: Petroleum Hydrocarbon plus Additives  
 Formula: Not applicable  
 Form: Liquid  
 Appearance: Liquid  
 Odor: Petroleum  
 Color: Amber  
 Specific Gravity AT 60° F: 0.878  
 Boiling Point: >330° C (625° F)  
 Melting Point (pour point): -39° C (38° 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: 230

SECTION IV – FIRE AND EXPLOSION DATA

Special Fire Fighting Procedures: Do not use water, except as fog  
 Unusual Fire & Explosion Hazards: None  
 Flashpoint (ASTM D92): 216° C (420° F)  
 Flammable Limits %: Not applicable  
 Extinguishing Agents: Dry chemical or water fog or CO<sub>2</sub> 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 HAZZARD DATA/FIRST AID

## EMERGENCY FIRST AID PROCEDURES:

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:	<b>Contact a physician immediately.</b>

## 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/m <sup>3</sup>
Respiratory Protection (Specify Type):	None, unless oil mist exceeds 5mg/m <sup>3</sup>
Protective Gloves:	Neoprene or nitrile rubber
Eye Protection:	Chemical safety goggles with side shield or face shield
Other Protective Equipment:	Laundry soiled clothes before reuse.

## 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 regulation.

## SECTION X – TOXICOLOGICAL/ECOLOGICAL INFORMATION

Permissible Concentrations:	Oil mist mineral 5mg/m <sup>3</sup> (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 TSC inventory.

SECTION XIII – USER INFORMATION

The information and data herein are believed to be accurate and have been compiled from source 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 or 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.