

MATERIAL SAFETY DATA SHEET

SECTION I – SUPPLIER INFORMATION

Product Name: Star brite Quality Tractor Hydraulic Fluid  
 Product Number: 15800, 15805, 158G55  
 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>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 a hydrogen peroxide, bromine, and chromic acid.  
 Hazardous Polymerization: Will not occur.  
 Hazardous Decomposition Products: Carbon monoxide and carbon dioxide from burning. Oxides of phosphorus. Oxides of sulfur.

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SECTION VI – HEALTH HAZARD DATA/FIRST AID

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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 irritations.  
Inhalation: Remove victim to fresh air. Call a physician  
If Swallowed: **Contact a physician immediately.**

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SECTION VII – PRECAUTIONS FOR SAFE HANDLING

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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)

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SECTION VIII – SPECIAL PROTECTION AND CONTROL MEASURES

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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>  
Protection Gloves: Neoprene or nitrile rubber  
Eye Protection: Chemical safety goggles with side shields or face shield  
Other Protection Equipment: Launder soiled clothes before reuse.

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SECTION IX – HANDLING OF SPILLS AND LEAKS

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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.

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SECTION X – TOXICOLOGICAL/ECOLOGICAL INFORMATION

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Permissible Concentrations: Oil mist mineral 5mg/<sup>3</sup> (OSHA and NIOSH)  
Chronic Effects of Overexposure: Prolonged skin contact may cause dermatitis or skin irritation  
Acute Transportation Notes: No data available

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SECTION XI – TRANSPORTATION DATA

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Call for information

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SECTION XIII - REGULATORY INFORMATION

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All components listed on TSCA inventory.

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SECTION XIII – USER INFORMATION

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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 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 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.