

MATERIAL SAFETY DATA SHEET

SECTION I – SUPPLIER INFORMATION

Product Name: Star brite 140 WT Gear Oil GL1
 Product Number: 16000, 16005, 160G55
 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 – 2
2 – Moderate	Reactivity – 0
1 – Slight	CAS # - None-Mixture
0 – Insignificant	

Toxic and Hazardous Ingredients:

<u>Ingredient</u>	<u>CAS No.</u>	<u>Exposure Limit</u>	<u>TLV</u>	<u>% by Wt.</u>
Alkenylamine			Not determined	0.1 – 0.2
1,2,4 – Trimethylbenzene	95-63-6	25 ppm	123 mg/m ³	0.01 – 0.04

SECTION III – PHYSICAL/CHEMICAL CHARACTERISTICS

Chemical Name: Petroleum Hydrocarbon and Additives
 Formula: Not applicable
 Form: Liquid
 Appearance: Heavy liquid
 Odor: Typical strong
 Color: Amber
 Specific Gravity: 0.897
 Boiling Point: >344° C (651° F)
 Melting Point (pour point): -12° C (-10° F)
 Solubility in Water (by weight %): Negligible
 Volatile (by weight %): Negligible
 Evaporation Rate: Negligible
 Vapor Pressure (mm Hg @ 20° C): Negligible
 Vapor Density (air=1): Negligible
 pH (as is): Not applicable
 Viscosity SUS @ 100° F: 2,000

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): 200° C (392° F)
 Flammable Limits %: Not applicable
 Extinguishing Agents: Dry chemical or water fog or CO₂ or foam

SECTION V – REACTIVITY DATA

Stability: Stable
 Conditions to avoid: None
 Incompatibility: Strong oxidants
 Hazardous Polymerization: Will not occur
 Hazardous Decomposition Products: Thermal, unless otherwise specified carbon monoxide & carbon dioxide.

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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 if any complications arise.

Skin Contact: Wash thoroughly with soap and water. Do not wear heavily contaminated clothing before laundering. Prolonged skin contact may cause dermatitis or irritation.

Inhalation: Remove victim to fresh air. Respiratory support if necessary. Seek medical attention.

If Swallowed: **Do NOT Induce Vomiting.** Seek medical aid.

SECTION VII – PRECAUTIONS FOR SAFE HANDLING

Precautions to be taken in Handling and Storage: Do not apply high heat or flame to container. Keep separate from strong oxidizing agents.

Maximum Storage Temperature: 49° C (120° F)

SECTION VIII – SPECIAL PROTECTION AND CONTROL MEASURES

Ventilation Type Required (Local, mechanical, special): Is required when work place exposures exceed TLV. High mist can result in fire or explosion.

Respiratory Protection (Specify Type): Normally none required. If high vapor or mist concentrations, use respirator approved for organic vapors and mist.

Protective Gloves: Neoprene or nitrile rubber.

Eye Protection: Chemical safety goggles with side shields or face shield.

Other Protective Equipment: Launder soiled clothes before reuse.

SECTION IX – HANDLING OF SPILLS AND LEAKS

Procedures for Clean-up: Remove sources of heat or ignition, provide adequate ventilation, contain leak. Absorb small spills with suitable material. Report spills as required to appropriate authorities.

Waste Disposal: Determine whether material is hazardous waste in your locality. Dispose of in compliance with all 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 and/or frequent contact may cause dermatitis or folliculitis.

Acute Toxicological Properties: Low risk of inhalation, low irritant. Generally low toxicity, may be mildly irritating to the eyes.

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.

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CONT. - SECTION XIII – USER INFORMATION

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 oil 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.