

Material Safety Data Sheet

Section 1

Product Name:	Star brite Hypoid 90W Lower Unit Gear Lube	Information:	1-800-327-8583
Product No.:	27110, 27132, 27100, 27105, 27155	Emergency:	1-800-434-9300 or 703-527-3887 Chemtrec
Manufacturer:	Star brite 4041 S. W. 47 Avenue Ft. Lauderdale, FL 33314	Date:	June 18, 2005

Section 2 – Hazardous Ingredients/Identity Information

<u>Hazardous Components</u>	<u>OSHA PEL</u>	<u>ACGIH TLV</u>	<u>Other Limits Recommended</u>	<u>% (optional)</u>
Oil Mist in Air (Not Encountered in Normal Usage)	5mg/m ³	5mg/m ³		

Hazardous Material Identification System (HMIS): Health - 1, Flammability - 1, Reactivity – 0
Not a Controlled Product under (WHMIS) – Canada Special Protection: See Section 9

Section 3 – Health Hazard Data

Threshold Limit Value 5 mg/m³ for oil mist in air. OSHA Regulation 29 CFR 1910.1000

Effects of Overexposure Prolonged or repeated skin contact may cause skin irritation. Product contacting the eyes may cause eye irritation. Human health risks vary from person to person. As a precaution, exposure to liquids, vapors, mists and fumes should be minimized. This product has a low order of acute oral toxicity, but minute amounts aspirated into the lungs during ingestion may cause mild to severe pulmonary injury.

Carcinogenicity: NTP? No IARC Monographs? No OSHA Regulated? No

Section 4 – Emergency and First Aid Procedures

EYE CONTACT: Flush with clear water for 15 minutes or until irritation subsides. If irritation persists, consult a physician.

SKIN CONTACT: Remove any contaminated clothing and wash with soap and warm water. If injected by high pressure under skin, regardless of the appearance or its size, contact a physician IMMEDIATELY. Delay may cause loss of affected part of the body.

INHALATION: Vapor pressure is very low and inhalation at room temperature is not a problem. If overcome by vapor from hot product. Immediately remove from exposure and call a physician.

INGESTION: If ingested, call a physician immediately. Do not induce vomiting.

Section 5 – Fire and Explosion Hazard Data

Flash Point (Method Used)	COC – 375° F	Flammable Limits	LEL 0.9%	UEL 7.0%
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Extinguishing Media Foam, Dry chemical, Carbon Dioxide or Water Spray (Fog)

Special Fire Fighting Procedures Cool exposed containers with water. Use air-supplied breathing equipment for enclosed or confined spaces.

Unusual Fire and Explosion Hazards Do not store or mix with strong oxidants. Empty containers retain residue. Do not cut, drill, grind, or weld, as they may explode.

Section 6 – Physical/Chemical Characteristics

Boiling Point	>550°F	Specific Gravity (H₂O=1)	0.92
Vapor Pressure (mm Hg.)	<0.01	Melting Point	Liquid
Vapor Density (AIR=1)	>5	Evaporation Rate (Butyl Acetate = 1)	<0.01
Solubility in Water	Negligible		

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Appearance and Odor Brown, fluid grease with additive odor..

Section 7 – Reactivity Data

Stability Unstable
Stable X **Conditions to Avoid** N/A

Incompatibility (Materials to Avoid) Avoid contact with strong oxidants like liquid chlorine, concentrated oxygen.

Hazardous Decomposition or Byproducts May form so 2. If incomplete combustion, Carbon Monoxide.

Hazardous Polymerization May Occur
Will Not Occur X **Conditions to Avoid** N/A

Section 8 – Spill or Leak Procedures

Steps to be taken in case material is released or spilled

Recover liquid, wash remainder with suitable petroleum solvent or add absorbent, Keep petroleum products out of sewers and water courses. Advise authorities if product has entered or may enter sewers and water courses.

Waste disposal method

Assure conformity with applicable disposal regulations. Dispose of absorbed material at an approved waster disposal facility or site. SARA/TITLE 111, Section 313 Status – Zinc Compounds - <4%

Section – 9 Special Protection Information

Respiratory Protection (Specify type) Normally not needed

Ventilation **Local Exhaust** Used to capture fumes and vapors **Special** N/A
Mechanical (General) **Other** N/A

Protective Gloves Use oil-resistant gloves, if needed. **Eye Protection** If chance of eye contact, wear goggles.

Other Protective Equipment Use oil-resistant apron, if needed.

Section 10 – Special Precautions

Precautions to be taken in handling and storing

Keep containers closed when not in use. Do not handle or store near heat, sparks, flame, or strong oxidants.

Other Precautions

Avoid breathing oil mist. Remove oil-soaked clothing and launder before reuse. Cleanse skin thoroughly after contact.

Section 11 - Transportation

Call for information

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