

MATERIAL SAFETY DATA SHEET

SECTION I - SUPPLIER INFORMATION

Product Name: Star brite AW 46 Hydraulic Oil Date Prepared: June 1, 2014dco
Replaces: November 10, 2009 dco
June 18, 2005

Product Number: 16200, 16205, 162G55

Bulk Stock Number:

Supplier: Star brite Information: 954 587-6280
4041 S. W. 47 Avenue Emergency: (Chemtrec) 800-424-9300 or 703-527-3887
Ft. Lauderdale, FL 33314

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: None

SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS

Chemical Name: Petroleum Hydrocarbon

Formula: Not applicable

Form: Liquid

Appearance: Liquid

Odor: Hydraulic Oil

Color: Amber

Specific Gravity at 60° F: 0.871

Boiling Point: >330° C (625° F)

Melting Point (pour point): -23° 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° C: 44.0

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): 210° C (410° F)

Flammable Limits %: Not applicable

Extinguishing Agents: Dry chemical or water fog 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.

Product Name: Star brite AW 46 Hydraulic Oil

Product Number: 16200, 16205, 162G55

SECTION VI - HEALTH HAZARD 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: **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 Protective Equipment: Launder 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 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

D.O.T.: Not regulated

Reportable Quantity: Not applicable

Freight Classification: Petroleum lubricating oil

Special Transportation Notes: None

IATA and IMDG: Not regulated.

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 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 or 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.