

STEELCO LUBRICANTS, INC.
P.O. Box 136
Valparaiso, IN 46384

MATERIAL SAFETY DATA SHEET

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SECTION I - PRODUCT IDENTIFICATION & EMERGENCY INFO

PRODUCT NAME: #500 INDUSTRIAL GEAR OIL - SAE 80
CHEMICAL FAMILY: Aliphatic Petroleum Hydrocarbons

EMERGENCY TELEPHONE NUMBER: STEELCO LUBRICANTS (219) 462-0333

SECTION II - HAZARDOUS COMPONENTS OF MIXTURES

The precise composition of this mixture is proprietary information. A complete disclosure will be provided to a physician or nurse in the event of a medical emergency.

COMPONENT

This product does not contain any hazardous components.

SECTION III - HEALTH INFORMATION

FIRST AID AND NATURE OF HAZARD

EYE CONTACT: This material is practically non-irritating to eyes upon direct contact. Flush with water for 15 minutes or until irritation subsides. If irritation persists, obtain medical assistance.

SKIN CONTACT: May cause irritation or dermatitis in some individuals upon prolonged contact. Remove contaminated clothing. Wash exposed portions of the skin with soap and water. If irritation persists, obtain medical assistance. Launder contaminated clothing before reuse.

INHALATION: This material has a low vapor pressure and is not expected to present an inhalation hazard to ambient conditions. The threshold limit value (TLV) for this material as a mist or vapor is 5 mg/m³. Exposures below this value appear to be without significant health risk. Remove

personnel from further exposure to excessive oil mists until condition subsides.

INGESTION: May cause irritation of mouth, throat and G.I. system. May cause nausea and vomiting. Give two glasses of water and induce vomiting immediately by sticking finger down throat. Obtain medical attention. Never give anything by mouth to an unconscious person.

SECTION IV - PERSONAL PROTECTION

PROTECTIVE EQUIPMENT

EYES: Wear chemical goggles to prevent eye contact.

SKIN: Use chemical resistant gloves, if needed, to prevent prolonged or repeated skin contact.

INHALATION: Use air-supplied respiratory protection in confined or enclosed spaces, or when TLV is exceeded.

VENTILATION: Use adequate ventilation to keep TLV/PEL below recommended.

SECTION V - FIRE PROTECTION

FLASH POINT: 570 F. min (COC)

FLAMMABLE LIMITS: Lower = 0.9% Upper = 7.0%

EXTINGUISHING MEDIA: Foam, dry chemical, CO₂, water mist or fog

SPECIAL FIRE FIGHTING PROCEDURES: Use air supplied breathing apparatus when fighting fires in enclosed or confined areas or as otherwise needed.

UNUSUAL FIRE AND EXPLOSION HAZARDS: Never use welding or cutting torch on or near drum (full or empty) as combustion or explosion may occur.

SECTION VI - ENVIRONMENTAL PROTECTION

WASTE DISPOSAL METHOD: Waste materials should be dumped or buried in an approved industrial waste landfill. Waste material may be disposed of by an authorized scavenger service or oil/solvent reclaimer.

PROCEDURES IN CASE OF LEAKAGE: Recover free product. Add absorbent material to spill area. Keep product out of sewer and waterways by diking or impounding. Advise local authorities if product has or may enter sewers, waterways or extensive land areas. Assure conformity with applicable governmental regulations.

SECTION VII - PHYSICAL DATA

SPECIFIC GRAVITY: 0.94 @ 60F.
VAPOR PRESSURE: <0.01 mm HG @ 20 C.
BOILING POINT: >500 F.
VAPOR DENSITY: Not Applicable
SOLUBILITY IN WATER: Insoluble
VISCOSITY: 1150 SUS @ 100 F.
% VOLATILE BY VOLUME: Nil
MELTING POINT: Not Applicable
EVAPORATION RATE: Nil
APPEARANCE: Purple Liquid

SECTION VIII - REACTIVITY DATA

STABILITY: Stable
HAZARDOUS POLYMERIZATION: Will not occur
CONDITIONS AND MATERIALS TO AVOID: Strong oxidizing agents
THERMAL DECOMPOSITION PRODUCTS: Oxides of carbon & sulfur

SECTION IX - ADDITIONAL INFORMATION

NONE

SECTION X - REGULATORY CLASSIFICATION

U.S. DOT: Not Applicable

SARA 302 EXTREMELY Hazardous Substances:
List: No components of this product are listed

SARA 312 Hazard Classification: None

SARA 313 Toxic Chemicals List: None

HMIS Ratings: Health - 1; Flammability - 1; Reactivity - 0

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