

MATERIAL SAFETY DATA SHEET

I. General Information

Chemical Name & Synonyms:

Not Applicable

Chemical Family: Additive compounded
synthesized Hydrocarbon lubricant
Proper DOT Shipping Name:

Lubricating Oil, NOIBN

Manufacturer:

STEELCO INDUSTRIAL LUBRICANTS, INC.

Mfg. Address:

P.O. Box 136, Valparaiso, IN 46384-0136

Trade Name & Synonyms:

S-201 SYNTHETIC GEAR LUBE

Formula: Not Applicable

DOT Hazard Classification:

NOT Classified As Hazardous

Mfg. Phone No.:

(219) 462-0333

Chemtrac Phone No.:

II. Ingredients

Principal Hazardous Components	Percent	Threshold Limit Value
Heavy Duty Gear Oil	Mixture	100% volume
Highly Refined Petroleum Oils	Cas# 64742-57-0	80-95 %volume
Solvent refined Hydrotreated heavy paraffinic distillate	Cas# 64742-54-7	3 - 9 %volume
Proprietary additives	Mixture	1 - 5 %volume

III. Physical Data

API GRAVITY: 26.3

FLASH POINT: 424 °F.

POUR POINT: -40 °F.

(Cleveland Open Cup)

SPECIFIC GRAVITY: 0.8969

VISCOSITY: 300 cSt - 325 cSt @ 40 °C

HMIS Rating (Health, Fire, Reactivity): 0, 1, 0

Appearance & Odor: Red green liquid - Slight Hydrocarbon Odor

IV. Fire & Explosion Hazard Data

Flash Point (Test Method): 424 °F
Cleveland Open Cup

Auto Ignition Temperature:

Flammable Limits:

LEL

UEL

Extinguishing Media: Material will float and can be re-ignited on surface of water. Use water fog, alcohol foam, dry chemical or carbon dioxide.

Special Fire Fighting Procedures:

Do not use a direct stream of water.

Unusual Fire & Explosion Hazards:

V. Health Hazard Data

Threshold	OSHA Threshold	ACGIH Threshold
Limit Value 5mg/m3	Limit Value 5mg/m3	Limit Value 5mg/m3

Carcinogen - NTP Program: NO Carcinogen - IARC Program: NO

Symptoms of Exposure:

EYES: May cause irritation SKIN: May cause irritation or dermatitis. Prolonged exposure may cause gastrointestinal disturbances. INHALATION: Not expected to be a problem. INGESTION: Prolonged exposure may cause such disturbances as nausea, vomiting and/or diarrhea.

Medical Conditions Aggravated By Exposure:

Primary Route(s) of Entry: Skin and Ingestion

Emergency First Aid: EYES: Wipe & then flush with water, if oily film persists, seek medical aid. SKIN: Wash with soap & water INHALATION: Not expected to be a problem. INGESTION: Not expected to be a problem. If necessary, seek medical aid.

VI. Reactivity Data

Stability: Stable

Conditions to Avoid:

Avoid Heat & Open Flames

Incompatibility:

Materials to Avoid:

Hazardous

Polymerization: Will Not Occur Conditions to Avoid: High O2 content, chlorines, gasses

Hazardous Decomposition Products: CO and CO2

VII. Environmental Protection Procedures

Spill Response: Absorb with fire resistant absorbant, shovel up & dispose of at appropriate disposal facility in accordance with current local, state & federal regulations.

Waste Disposal Method: Dissolve waste with a solvent & absorb with fire resistant absorbant & dispose by supervised incineration in compliance with applicable laws.

VIII. Special Protection Information

Eye Protection: Chemical goggles or safety glasses with side shields

Skin Protection: Gloves, if sensitive to oil

Respiratory Protection:

Not necessary under normal use

Ventilation Recommended:

Not necessary under normal use

Other Protection: Oil resistant apron to protect clothing (if desired)

IX. Special Precautions

Hygienic Practices in Handling & Storage: Wash with soap & water after handling.
Do Not wear oil soaked clothing.

Precautions for Repair & Maintenance of Contaminated Equipment:

No more than listed for personal protection.

Other Precautions: No more than listed for personal protection.