MATERIAL SAFETY DATA SHEET

I. General Information

Chemical Name & Synonyms:
Petroleum Hydrocarbon & Additives

Chemical Family:
Compounded Petroleum Product

Proper DOT Shipping Name:
Petroleum

Manufacturer:
STEELCO Industrial Lubricants, Inc.

Mfg. Address:
P.O. Box 136, Valparaiso, IN 46384

Trade Name & Synonyms:
#501 ULTRA-TEMP GREASE

Formula:
Proprietary

DOT Hazard Classification:
NOT CLASSIFIED AS HAZARDOUS

Mfg. Phone No.:
(219) 462-0333

Chemtrac Phone No.:
1-800-424-9300

II. Ingredients

Principal Hazardous Components	Percent	Threshold Limit Value
PARAFFINIC DISTILLATE	80-84	5 mg/m^3
CRYSTALLINE SILICA	5-8	0.1 mg/m^3
GRAPHITE SILICA MIXTURE	1.5-3.5	2 mg/m^3
TEFLON	5-8	NA

III. Physical Data

Boiling Point: NA

Specific Gravity (H2O=1): 0.8

Vapor Pressure (mm Hg): < 0.01

Percent Volitale By Volume (%): NA

Vapor Density (Air=1): > 12

Evaporation Rate: NA

Solubility in Water: Neg

pH NA

Appearance & Odor: SILVER, MILD PETROLEUM ODOR

IV. Fire & Explosion Hazard Data

Flash Point (Test Method): 545° C.O.C.

Auto Ignition Temperature: ND

Flammable Limits: LEL ND UEL ND

Extinguishing Media: Dry chemical (preferred), CO_2, foam water

Special Fire Fighting Procedures: Use water to cool fire-exposed containers, structures and to protect personnel, water or foam may cause frothing. Firefighters may need to wear positive supplied breathing apparatus.

Unusual Fire & Explosion Hazards:
NONE

V. Health Hazard Data

Threshold Limit Value **OHSA Threshold Limit Value** $5mg/m^3$ as oil **ACGIH Threshold Limit Value** $5mg/m^3$ as oil

Carcinogen - NTP Program YES **Carcinogen - IARC Program** YES

Symptoms of Exposure: EYES: May cause irritation SKIN: Repeated or prolonged contact may cause irritation and/or dermatitis INHALATION: Not expected to be a problem INGESTION: May cause gastrointestinal distrubances such as nausea or vomiting.

Medical Conditions Aggrivated By Exposure: ND

Primary Route(s) of Entry: Skin, Ingestion

Emergency First Aid: EYES: Wipe & flush with water, if oily film persists seek medical aid SKIN: Wash contact area with soap & water INHALATION: Not expected to be a problem. If greater than 1/2 pint ingested, seek medical aid. DO NOT INDUCE VOMITING IF UNCONSCIOUS.

VI. Reactivity Data

Stability: Stable **Conditions to Avoid:**

Incompatibility: **Materials to Avoid:** High oxygen content, chlorines, gases

Hazardous Polymerization: WILL NOT OCCUR **Conditions to Avoid:**

Hazardous Decomposition Products: CO and CO_2

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 laws & regulations.

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

VIII. Special Protection Information

Eye Protection: Not needed under ordinary use **Skin Protection:** Gloves, if sensitive to oil

Respiratory Protection: Not needed under ordinary use **Ventilation Recommended:** Not necessary under normal use

Other Protection: Oil resistant apron to prevent clothing contamination

IX. Special Precautions

Hygienic Practices in Handling & Storage: Do not wear oil soaked clothing. Wash after handling.

Precautions for Repair & Maintenance of Contaminated Equipment:

No more than listed for personnel protection

Other Precautions:

No more than listed for personnel protection