

MATERIAL SAFETY DATA SHEET

STEELCO INDUSTRIAL LUBRICANTS, INC.

P.O. Box 136

Valparaiso, IN 46384-0136

(219) 462-0333

SECTION I - PRODUCT

PRODUCT NUMBER: EDL-22

PRODUCT NAME: EDL-22 Diesel Fuel Treatment

HMIS RATING: Health 2

Flammability 3

Reactivity 0

EMERGENCY PHONE NUMBER: CHEMTREC (800) 424-9300

SECTION II - HAZARDOUS INGREDIENTS

Product Name	CAS #	Vapor Pressure (mm Hg)	TLV	Units
Chemical Name		Percent	PEL	Units
MINERAL SPIRITS	8052-41-3	10.0	100	PPM
ALIPHATIC HYDROCARBON		>9%	100	PPM
METHYL ISOBUTYL KETONE	108-10-1	15.0	50	PPM
2-PENTANONE, 4-METHYL		>9%	100	PPM
ISOPROPANOL 99%	67-63-0	33.0	400	PPM
2-PROPANOL		>9%	400	PPM
LUBRIZOL 539A			100	PPM
FUEL CORROSION INHIBITOR/ADDITIVE		<9%	100	PPM

SECTION III - PHYSICAL DATA

BOILING RANGE: 180-387 DEG F.

VAPOR DENSITY: HEAVIER THAN AIR

EVAPORATION RATE: SLOWER THAN ETHER

PERCENT VOLATILE BY VOLUME: 096%

WEIGHT/GALLON: 6.62 LBS./GAL.

SECTION IV - FIRE & EXPLOSION HAZARD DATA

HAZARD CLASSIFICATION OSHA: FLAMMABLE LIQUID - CLASS IB
DOT: 3

FLASH POINT (TCC):> 53 DEG. F.

LOWER EXPLOSION LIMIT % BY VOLUME (IN AIR): > 1.2

EXTINGUISHING MEDIA: Carbon dioxide. Dry chemical. Alcohol-type foam.

Water spray. Universal-type foam.

SPECIAL FIREFIGHTING PROCEDURES: Use self-contained breathing apparatus. Wear full protective clothing. Use water spray to cool fire-exposed containers and structures. A solid stream of water directed into hot, burning liquid would cause frothing and scattering of burning material.

UNUSUAL FIRE AND EXPLOSION HAZARDS: Low solubility in water may cause danger of a floating fire. Vapors form from this product and may settle in low places, traveling along the ground, or move by air currents to be ignited by pilot lights, discharges, or other ignition sources at locations distant from handling point. May emit highly toxic fumes when heated.

SECTION V - HEALTH HAZARD DATA

EFFECTS OF OVEREXPOSURE:

INGESTION: Nausea. Vomiting. Diarrhea. Drowsiness. Headache. Abdominal discomfort. Cramps. Loss of consciousness. Harm. Irritation of gastrointestinal tract.

SKIN ABSORPTION: Absorption of harmful amounts.

INHALATION: Weakness. Headache. Narcosis. Dizziness. Vomiting. Possible kidney damage. Possible liver damage. Nausea. Drowsiness. Stupor. Anesthesia. Irritation. Unconsciousness. Central nervous system depression. Death.

SKIN CONTACT: Irritation. Defatting. Chapping. Cracking. Dermatitis. Edema. Reddening.

EYE CONTACT: Severe irritation. Corneal injury. Permanent eye injury.

CHRONIC EFFECTS OF OVEREXPOSURE: Inhalation of mist may produce signs of central nervous system involvement, particularly dizziness and nystagmus.

OTHER HEALTH HAZARDS: None currently known.

PRIMARY ROUTE(S) OF ENTRY: Ingestion. Skin absorption. Inhalation. Eye contact.

EMERGENCY AND FIRST AID PROCEDURES:

INGESTION: Do not induce vomiting. Call a physician. Never give anything by mouth to an unconscious person. If vomiting occurs spontaneously, keep airway clear.

SKIN: Immediately wash skin with soap and plenty of water. Remove and wash contaminated clothing promptly.

INHALATION: If inhaled, remove to fresh air. If not breathing, give artificial respiration, preferably mouth-to-mouth. If breathing is difficult, give oxygen. Call a physician.

EYES: In case of contact, immediately flush eyes with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Call a physician. Wash clothing before reuse.

NOTES TO PHYSICIAN: Aspirated material may cause severe lung damage and may present a significant hazard. Stomach contents should be evacuated quickly in a manner which avoids aspiration. There is no specific antidote. Treatment of overexposure should be directed at the control of symptoms and the clinical condition.

SECTION VI - REACTIVITY DATA

STABILITY: Stable

CONDITIONS TO AVOID: Heat. Ignition sources. Fire. Severe oxidizing conditions.

INCOMPATIBILITY: Strong mineral acids. Sulfuric acid. Strong bases.

Oxidizing agents. Aldehydes. Halogens. Halogen compounds. Aluminum, tin, zinc and their alloys.

HAZARDOUS DECOMPOSITION PRODUCTS: Carbon monoxide. Carbon dioxide. Aldehydes, Toxic vapors.

HAZARDOUS POLYMERIZATION: Will not occur.

CONDITIONS TO AVOID: None

SECTION VII - SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:

Contact local authorities. Extinguish and do not turn on any ignition source until area is determined to be free from explosion or fire hazards. Collect large spills for disposal. Soak up with sawdust, sand, oil dry, or other absorbent material.

WASTE DISPOSAL: Incineration in accordance with all federal, state and local regulations.

SECTION VIII - SAFE HANDLING & USE INFORMATION

RESPIRATORY PROTECTION: Use an appropriate NIOSH/MSHA approved respirator following manufacturer's recommendations.

VENTILATION: General (mechanical) room ventilating to maintain vapor levels below TLV is expected to be satisfactory. Keep this product in closed equipment. Special, local ventilation is needed at points where vapors or mists are expected to escape to the workplace air.

PROTECTIVE GLOVES: Consult the glove manufacturer for the most appropriate glove material.

EYE PROTECTION: Chemical safety goggles.

OTHER PROTECTIVE EQUIPMENT: Eye bath and safety shower. Wear protective clothing to prevent repeated or prolonged contact. Chemically resistant shoes or boots.

Decontaminate clothing before reuse.

SECTION IX - SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING: DANGER!

Harmful if swallowed. Harmful if absorbed through skin. Harmful if inhaled. Causes severe eye burns. May cause skin irritation. Flammable. Do not get in eyes, on skin, on clothing. Do not breath vapor or mist. Use with adequate ventilation. Keep away from heat, sparks and flame. Wash thoroughly after handling. Keep container closed. Avoid prolonged or repeated contact with skin. Store in tightly closed container. Store in cool, dry, ventilated area. Equipment and containers should be bonded and grounded when transferring or using material. Empty containers should *not* be exposed to fire, sparks, or flame as residual vapors may be explosive.

FOR INDUSTRY USE ONLY: Since emptied packages retain product residue, follow label warnings even after package is emptied.

OTHER PRECAUTIONS: Store materials wetted with this product (eg. rags, paper, insulation, clay, etc.) in approved safety container designed for that purpose. Dispose of as quickly as possible. Contact lenses should *not* be worn.

Section 313 Supplier Notification

This product contains the following toxic chemicals subject to the reporting requirements of section 313 of the Emergency Planning and Community Right-To-Know Act of 1986 and of 40 CFR 372:

CAS#	Chemical Name	% By Weight
108-10-1	METHYL ISOBUTYL KETONE	25.2%

This information must be included in all MSDSs that are copied and distributed for this material.