Corrosion Technologies
2850 Industrial Ln
Garland, TX 75041
(972) 271-7361 Fax: (972) 278-9721

BULK

CorrosionX® Grease
Safety Data Sheet

1. IDENTIFICATION

Product Name:	**CorrosionX® Grease**
Product Numbers:	96801, 96805, 96820, 96811
Product Type and Use:	Petroleum-based general purpose grease
Manufacturer:	Corrosion Technologies 2850 Industrial Ln, Garland, TX 75041
Contact:	Telephone: 972-271-7361 Fax: 972-278-9721
Emergency Telephone:	CHEMTREC® USA (800) 424-9300 Outside US +1 (703) 527-3887

2. HAZARDS IDENTIFICATION

Hazard Classification
- **Health Hazard(s)** None
- **Physical Hazard(s)** None
- **Hazard(s) not otherwise classified** None

Labeling
- **Signal Word** None
- **Pictograms** None
- **Statements of Hazard**
  - **Hazard Statements** None
  - **Precautionary Statements** None

3. COMPOSITION / INFORMATION ON INGREDIENTS

This material is defined as mixture and has no known hazards under GHS classification.

4. FIRST AID MEASURES

General Advice: Not expected to be a health hazard when used under normal conditions. Prolonged or repeated skin contact without proper cleaning may clog the skin pores resulting disorders like acne/folliculitis. Used grease may contain harmful impurities/ harmful extraneous substances.
Inhalation: Under normal conditions of intended use, this material is not expected to be inhalation hazard. If some symptoms exist, remove to fresh air. If not breathing, give artificial respiration. Get medical attention
Skin Contact: Wipe excess from skin; remove contaminated clothing. Wash with soap and water. If persistent irritation occurs, obtain medical attention. If product is injected into or under the skin due to any reason, the victim, regardless of size or appearance of wound, person should be brought immediately to medical attention for emergency surgical needs. Though the initial symptoms due to high pressure injection may be minimal / absent, early surgical treatment may significantly reduce the extent of injury.
Eye Contact: Flush eyes with plenty of water for 15 minutes while holding eyelids open. Seek medical attention if irritation persists.
Ingestion: Give water, DO NOT induce vomiting. No treatment necessary unless large quantities are ingested, then seek medical advice.

5. FIRE FIGHTING MEASURES

Extinguishing Media: Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. Water stream may splash burning liquid and spread fire.
Suitable: Carbon Dioxide, Dry Chemical, and Foam
Unsuitable: Alcohol, Alcohol based solutions, any other media not listed above.
Fire Fighting Procedures: As in any fire, wear self-contained breathing apparatus, pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.
Unusual Fire and Explosion Hazards: None known.
Hazardous Combustion/ Decomposition Products: Hazardous combustion product may include a complex mixture of airborne solid and liquid particulates and gases (smoke), carbon monoxide, unidentified inorganic and organic compounds.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions / Protective Equipment / Emergency Procedures: Use caution as spills may be slippery.
Methods and materials for containment and cleaning up: Do not flush into surface water or sanitary sewer system. Isolate the spill / leak area in all directions for about 75 feet. Contain spillage. Use clean non-sparking tools to collect absorbed material and transfer to a properly labeled container for reclamation or disposal according to applicable regulations.

7. HANDLING AND STORAGE

HANDLING
Precautions for Safe Handling: Follow all SDS/label precautions even after container is empty due to residue. When handling the drums, kegs, pails etc., proper safety shoes, and other protective clothes, safety glasses etc. should be worn. Dispose appropriately any contaminated rags/material as per prevailing local allowable practices.
STORAGE
Conditions to avoid: Keep containers tightly closed, in covered well-ventilated areas. Avoid contact with rain or other water ingress possibilities. Keep the storage place cool preferably <120℉ / <50℃. Higher temperature may create pressure buildup inside container and chances of container busting or leakage may occur under aggravated conditions. Keep away from oxidizing and other incompatible materials.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

EXPOSURE LIMITS: Mineral oil mist ACGIH TLV 5.0 mg/m^3
Engineering Controls: None required.
Personal Protection
Respiratory Protection: None required under normal use conditions. In case of insufficient ventilation and for exposures above occupational exposure limits wear a NIOSH approved air purifying respirator with organic vapor cartridge.
Hand / Skin Protection: None typically required. For sensitive skin; wear impermeable gloves such as neoprene or nitrile rubber gloves. Gauntlets and apron may be worn depending on the extent and duration of exposure.
Eye / Face Protection: None typically required. Wear safety glasses with side-shields if eye contact is anticipated. An eyewash station should be available to the area of use.
General Hygiene Measures: Always wash hands and face before eating, drinking or smoking.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Opaque	**Upper Explosive Limit, vol %:**	Not established
Physical State:	Semi-solid	**Autoignition Temperature:**	Not established
Odor:	Oil	**Volatile by weight (%):**	<1
Color:	Green	**Vapor Density (Air=1) :**	<1
Viscosity, base oil (cSt @ 40℃):	220	**Evaporation Rate (BuAc=1) :**	<0.01
cSt @ 100℃:	Not established	**Vapor Pressure, mmHg @23℃:**	<1 mmHg
pH:	Not applicable	**Solubility in water:**	Insoluble
Boiling Point/ Range:	>425℉ / 218℃	**Octanol/Water Partition:**	Not established
Melting Point:	Not established	**VOC Content (%):**	1
Flash Point:	>400℉ / 204℃	**Specific Gravity @15.6℃:**	0.87
Method:	Cleveland Open Cup	**Pour Point:**	Not applicable
Lower Explosive Limit, vol %:	Not established	**Non-volatile by weight (%):**	>99

10. STABILITY AND REACTIVITY

Stability/Reactivity: Stable at ambient temperatures. No reactivity is expected under normal conditions of intended use.
Conditions to Avoid: Extreme temperature and direct sunlight / heat /flame. Under high temperature or adverse operating conditions thermal / chemical decomposition of the product may be possible.
Hazardous Polymerization: Will not occur.
Materials to Avoid: Strong oxidizing agents.

11. TOXICOLOGICAL INFORMATION

Acute Toxicity
Product Information
Acute oral toxicity: Expected to be low toxicity; Orl-rat LD50 > 5000 mg/kg (estimated)
Acute dermal toxicity: Expected to be low toxicity; Skn-rbt LD50 > 3000 mg/kg (estimated)
Acute inhalation toxicity: Not determined
Skin corrosion / irritation: May be slightly irritating to sensitive users. Prolonged/repeated contact with skin without adequate cleaning may clog the pores of the skin, may result disorder such as oil acne/folliculitis.
Serious eye damage /irritation: May be slightly irritating
Ingredient Information: Not established
Acute Effects: Signs and Symptoms of Overexposure: None known.
Target Organs: None known
Chronic Effects: None known
Carcinogenicity: Highly refined base oil blend (< 3 % DMSO extractable) ACGIH group A4; not classified as human carcinogen.
Medical Conditions Aggravated by Exposure: May aggravate existing skin conditions such as dermatitis.

12. ECOLOGICAL INFORMATION

Product Data: Product is semi-solid in nature in most conditions and may absorb to soil and may not be mobile. It floats on water and while not toxic to fish, it may coat gill structure and cause suffocation if spilled. This product may cause gastrointestinal distress in birds and mammals through ingestion.
Ingredient Data: Not established
Elimination Information: Expected to be not readily biodegradable. The major oil component is expected to biodegrade over period of 100-120 days in aerobic environment at temperature above 70℉ (21℃), however finished product contains components that may persist in the environment. May contain components that bioaccumulate.

13. DISPOSAL CONSIDERATIONS

Product: Dispose of in accordance with applicable regulations. Smaller quantities can be disposed of with household waste.
Container: Empty remaining contents. Empty containers should be taken for local recycling, recovery, or waste disposal. Empty containers may contain residues. Do not cut, weld or grind empty containers.

14. TRANSPORT INFORMATION

Road Transport
DOT Hazard Class: Non-Hazardous/ Non-Restricted

Sea Transport
IMDG/GGV See Class: Non-Hazardous/ Non-Restricted

Air Transport
ICAO/IATA Class: Non-Hazardous/ Non-Restricted

15. REGULATORY INFORMATION

U.S. Federal Regulations
Toxic Substances Control Act (TSCA): All components are included on the Inventory
Superfund Amendments and Reauthorization Act (SARA) Title III:

Immediate Hazard	Delayed Hazard	Fire Hazard	Pressure Hazard	Reactivity Hazard
-	-	-	-	-

16. OTHER INFORMATION

Prepared by: Corrosion Technologies, Technical Services Department
Preparation Date: 6/10/2024 **Supersedes Date:** 6/11/2015
Revision Indicator: 1.1

National Fire Protection Association (704)
Health: 1 Flammability: 1 Reactivity: 0 Other:

The information contained herein is, to the best of our knowledge and belief, accurate. However, since the conditions of handling and use are beyond our control, we make no guarantee of results and assume no liability for damage incurred by use of this material. All chemicals may present unknown health hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards which exist. Final determination of suitability of the chemical and application of such products is the sole responsibility of the user. No representations or warranties, either expressed or implied, of merchantability, fitness for a particular purpose or any other nature are made hereunder with respect to the information contained herein or the chemical to which the information refers. It is the sole responsibility of the user to comply with all applicable Federal, State and Local Laws and Regulations. Any questions with regards to information contained herein should be referred to: U. S. Corrosion Technologies, LLC (972) 271-7361.