



MATERIAL SAFETY DATA SHEET

Syndustrial G Compressor Oil 5W-20

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Synonyms: Not Established
Formula: Mixture
Chemical Family: Ester/Polyglycol
CAS Number: Mixture
SAP Code: 1012901; 1012902
Product Code: 81830
MSDS Number: US647270
NFPA Ratings: Health 0, Flammability 1, Reactivity 0
HMIS Ratings: Flammability 1, Reactivity 0, Health 0
Intended Use(s): Synthetic Industrial Compressor Oil

The intended use of this product is indicated above, if any additional use is known please refer to the Technical Information number listed below.

Manufactured By:
Phillips 66 Company
A Division of Phillips Petroleum Company
Bartlesville, Oklahoma 74004

Phone Numbers
Emergency: (918) 661-8118
Technical Information: (800) 766-0050
For Additional MSDSs: (918) 661-5974

2. COMPOSITION/INFORMATION ON INGREDIENTS

This product does not meet the definition of a hazardous material given in 29 CFR Part 1910.1200 (OSHA). Information on this form is furnished as a customer service.

3. HAZARDS IDENTIFICATION

Emergency Overview

Non-Hazardous. Pressure Injection.

Potential Acute Health Effects

Eye Contact: May cause mild irritation.

Skin Contact: May cause mild irritation with prolonged or repeated contact.

Inhalation: Overexposure by inhalation of hot or misted material may cause nonspecific discomfort, such as irritation to eyes, nose, throat or nausea, headache or weakness. Caution should be taken to prevent aerosolization or misting of this product without proper respiratory protection.

Ingestion: Slightly toxic (LD50 > 5 gm/kg).

Subchronic and Chronic Effects:

No Known Applicable Information

Aggravated Medical Conditions: No Known Applicable Information

4. FIRST AID MEASURES

Eye Contact: Flush eyes with running water. If irritation or adverse symptoms develop, seek medical attention.

Skin Contact: Wash skin with soap and water. If irritation or adverse symptoms develop, seek medical attention.

Inhalation: Remove from exposure. If illness or adverse symptoms develop, seek medical attention.

Ingestion: If illness or adverse symptoms develop, seek medical attention.

Notes To Physician: For injection injuries, immediate medical treatment is required. Physicians may call the emergency number (918) 661-8118.

5. FIRE FIGHTING MEASURES

Flash Point: > 490F (> 254C)
FP Method: COC, ASTM D92
Ignition Temperature: Unknown

Flammable Limits (% by Volume in Air)

Lower Exposure Limit - Not Established
Upper Exposure Limit - Not Established

Fire Extinguishing Media: Carbon Dioxide, Dry Chemicals, Foam

Fire Fighting Procedures: Evacuate area and fight fire from a safe distance. Shut off source, if possible. Use NIOSH approved self-contained breathing apparatus and other protective equipment and/or garments described in Section 8 if conditions warrant. Use water spray to cool nearby containers and structures exposed to fire.

Fire and explosion hazards: Carbon oxides and various hydrocarbons forms when burned.

6. ACCIDENTAL RELEASE MEASURES

Sweep or gather up material and place in proper container for disposal or recovery.

7. HANDLING AND STORAGE

Avoid contact with eyes, skin or clothing. Avoid breathing vapors, mist, fume or dust. Use with adequate ventilation. Wear protective equipment and/or garments described in Section 8 if exposure conditions warrant. Wash thoroughly after handling.

If pressure injected under the skin, can cause gangrene if not treated.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Eye Protection: Wear safety glasses.

Respiratory Protection: For concentrations exceeding an applicable exposure limit, use NIOSH approved air purifying respirator equipped with P95 filters, for particulate with time weighted average exposure limit not less than 0.05 mg/M3.

Skin Protection: Use gloves resistant to the material(s) contained in this product.

Ventilation: Use adequate ventilation to control concentrations below applicable exposure limits.

Other Personal Protection: Personal protection information shown in Section 8 is based upon general information as to normal uses and conditions. Where special or unusual uses or conditions exist, it is suggested that the expert assistance of an industrial hygienist or other qualified professional be sought.

Exposure Limits: OSHA PEL and ACGIH TLV for oil mists is 5 mg/m3

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State:	Liquid
Appearance:	Green liquid
Odor:	Mild
Odor Threshold (ppm):	Unknown
Boiling Point:	> 600F (> 315C)
Melting/Freeze Point:	Not Established
Vapor Pressure:	Not Established
Vapor Density (Air=1):	Not Established
Specific Gravity @ 20 C (Water=1):	< 1 @ 60F (16C)
Percent Volatile by Volume:	Negligible
Evaporation Rate (Butyl Acetate=1):	Not Established
Water Solubility:	Negligible
Viscosity:	Not Established

10. STABILITY AND REACTIVITY

Stability: Stable

Hazardous Polymerization: Will Not Occur

Incompatibility (Materials to Avoid): Oxygen and strong oxidizing agents.

Hazardous Decomposition Products: Carbon oxides and various hydrocarbons are formed when burned.

11. TOXICOLOGICAL INFORMATION

Other Health Effects:

Pressurized injection of product under the skin can lead to seriously inflamed tissue. If left untreated injury can become gangrenous.

Prolonged and repeated exposure to oil mist poses a risk of pulmonary disease such as lung inflammation. This condition usually causes no symptoms.

Continuous skin contact with used motor oils has caused skin cancer in laboratory animals. Avoid prolonged skin contact with used motor oil.

12. ECOLOGICAL INFORMATION

No data at this time.

13. DISPOSAL CONSIDERATIONS

Disposal should be made in accordance with federal, state and local regulations.

14. TRANSPORT INFORMATION

DOT Shipping Description: Not Regulated
IMDG Shipping Description: Not Regulated
ICAO/IATA Proper Shipping Name: Not Regulated

15. REGULATORY INFORMATION

EPA SARA 311/312 (Title III Hazard Categories)

Acute Health: No
Chronic Health: No
Fire Hazard: No
Pressure Hazard: No
Reactivity Hazard: No

Additional Information:

This product is in U.S. commerce, and is listed in the Toxic Substances Control Act (TSCA) Inventory of Chemicals; hence, it may be subject to applicable TSCA provisions and restrictions.

As of the preparation date, this product did not contain a chemical or chemicals subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372.

16. OTHER INFORMATION

Revision Summary: Section 3 - Format Change.

Preparer: Health, Environment and Safety Department
Date Prepared: 05/11/2001
Supersedes: 04/20/2001

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