

SAFETY DATA SHEET
MILES SUPER RED GREASE



Section 1 – Identification

1.1 Product Identifiers:

Product Name: MILES SUPER RED GREASE

1.2 Product Usage:

Recommended Usage: Lubricating Grease

Restricted Usage: Not intended for any other usage

1.3 Emergency Support:

CHEMTREC

United States +1(800) 424-9300

International +01 (703) 527-3887

1.4 Supplier Information:

MILES LUBRICANTS LLC
66 Marine St. Farmingdale, NY 11735
United States
Phone: 877-683-8086
Fax: 631-229-8000
Email :support@mileslubricants.com

www.MilesLubricants.com

Section 2 - Composition / Information on Ingredients

Chemical Name	CAS #	%Weight
Mineral oils	mixture	< 85%
Proprietary additives	mixture	10- 15%

The specific chemical names & composition of the components not disclosed is confidential business information & is withheld as permitted by 29CFR 1910.1200 and various Right-to-Know laws. This product is not a WHMIS Controlled Substance.

Section 3 - Hazards Identification

This material is not considered to be hazardous according to regulatory guidelines.(See Section 15)

POTENTIAL HEALTH EFFECTS:

Excessive exposure may result in eye, skin or respiratory irritation.

Low order of toxicity.

High-pressure injection under skin may cause serious damage.

NFPA Rating: Flammability: 1, Reactivity: 0, Health: 1

HMIS Rating: Flammability: 1, Reactivity: 0, Health: 1

NOTE:

This material should not be used for any other purpose than the intended use listed in Section 1 without expert advice. Health studies have shown that chemical exposure may cause potential human health risks, which may vary from person to person.

Section 4 - First Aid Measures

Eye Contact: Immediately flush eyes with plenty of water occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 20 minutes. Get Medical Attention.

Inhalation: Remove victim to fresh air and keep at rest in a position comfortable for breathing. If breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. It may be dangerous to the person providing aid to give mouth to mouth resuscitation. Maintain an open airway. Get medical attention if symptoms occur.

Ingestion: Wash out mouth with water. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Stop if the exposed person feels sick as vomiting may be dangerous. Do not induce vomiting unless directed to do so by medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Never give anything by mouth to an unconscious person get medical attention if symptoms occur.

Note to Doctor: Aspiration during swallowing or vomiting may severely damage the lungs. If evacuation of stomach contents is necessary, use method least likely to cause aspiration. High pressure injection under the skin may have serious consequences and may require urgent treatment.

Section 5 - Fire Fighting

Extinguishing Media Suitable Media & Unsuitable Media: CO₂, Dry chemical, or Foam. Water can be used to cool and protect product. Do not use water jet as an extinguisher, it will spread the fire.

Firefighting: Evacuate area. Prevent runoff from fire control or dilution from entering streams, sewers or drinking water supply. Fire fighters should use self-contained breathing apparatus (SCBA) to fight fires. Use water spray to cool fire exposed surfaces and to protect personnel.

Section 6 - Accidental Release Measures

NOTIFICATION PROCEDURE:

Contain any spills with absorbents to prevent migrations and entry into sewers or streams. Take up small spills with dry chemical absorbent. Large spills may be taken up with pump or vacuum and finished off with dry chemical absorbent. May require excavation of contaminated soil.

Non-Emergency Personnel: Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform authorities if the product has caused environmental pollution Water Polluting. Material may be harmful to the environment if released in large quantities.

Spill Control Measures: Prevent the spread of any spill to minimize harm to human health and the environment if safe to do so. Wear complete and proper personal protective equipment following the recommendation of Section 8 at a minimum. Dike with suitable absorbent material like granulated clay. Dispose of according to Federal, State, Local, or Provincial regulations. Used fluid should be disposed of at a recycling center.

Containment and Cleanup: Stop leak if without risk. Move containers from spill area. Approach release from upwind. Prevent entry into sewers, water courses, basements or confined areas. Wash spillages with noncombustible, absorbent material e.g. sand earth vermiculite or diatomaceous earth and place in container for disposal according to local regulations. Dispose of via licensed waste disposal contractor. Contaminated absorbent material may pose the same threat hazard as the spilled product.

Section 7 - Handling & Storage

Handling: Avoid contact with eyes, skin and clothing. Prevent spills and leaks to avoid slipping hazards.

Storage: Keep containers sealed until ready for use. Avoid excessive long-term storage temperatures to prolong shelf life. Maximum storage temperature: 120F. Store in well ventilated areas.

Section 8 - Exposure Control

Engineering Controls: Material should be handled in enclosed vessels and equipment, in which case general room ventilation should be sufficient. Local exhaust ventilation should be used at points where dust, mist, vapors or gases can escape into the room air. No special requirements under ordinary conditions of use and with adequate ventilation.

Environmental Exposure Controls: General room ventilation should be satisfactory. Local exhaust ventilation may be necessary if misting is generated.

Hygiene Measures: Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing to remove contaminants. Discard contaminated footwear that cannot be cleaned.

Eye / Face Protection: If contact is likely, safety glasses with side shields are recommended.

Skin / Hand Protection: Butyl rubber. Use nitrile or neoprene gloves. Use good industrial hygiene practices. In case of skin contact, wash hands and arms with soap and water. Use caution when opening man way covers of storage and transportation containers. 3-nitroaniline crystals may be present on the interior surface of these openings. 3-nitroaniline is toxic by dermal exposure.

Respiratory Protection: Use a properly fitted air purifying or supplied air respirator complying with an approved standard if a risk assessment indicates this a necessary. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator.

Section 9 - Physical & Chemical Properties

9.1 Information on Basic Physical and Chemical Properties

Physical state :	Semi- fluid Gel
Color :	Red
Odor :	Mild-Petroleum
Odor threshold :	No Data Available
pH :	No Data Available
Freezing Point :	No Data Available
Boiling Point / Range :	No Data Available
Flash Point :	455oF
Evaporation rate: :	No Data Available
Upper Explosive Limits (% air) :	No Data Available
Lower Explosive Limits (% air) :	No Data Available
Flammability (solid, gas) :	Not Applicable
Vapor pressure :	<0.1 mm Hg
Vapor density (air=1) :	> 5
Relative Density :	0.96
Auto-ignition temperature :	Not Determined
Decomposition temperature :	Not Determined
Solubility in water :	Insoluble in water
Partition coefficient, n-octanol/water :	No Data Available
Viscosity @ 40C :	-
Viscosity @ 100C:	-

Section 10 - Stability & Reactivity

STABILITY: Normally stable

CONDITIONS TO AVOID: Avoid contact with acids and oxidizing substances.

HAZARDOUS POLYMERIZATION: Will not occur.

POLYMERIZATION DESCRIPTION: Not applicable

HAZARDOUS DECOMPOSITION PRODUCT: Oxides of carbon sulfur

Section 11 - Toxicological Information

ACUTE TOXICITY

Product or Ingredients: No data is specifically available for this product and therefore this toxicological information is based on data available for the ingredients.

Routes of Exposure: Exposure will most likely occur through skin contact or form inhalation of mechanically or thermally generated oil mists.

Skin and Eye: This product is not a primary skin irritant after exposure of short duration, is not a skin sensitizer and is not irritating to the eyes.

CHRONIC/OTHER EFFECTS

Prolonged and repeated contact with skin can cause defatting and drying of the skin resulting in skin irritation and dermatitis. Long term intensive exposure to oil mist may cause benign lung fibrosis.

The following ingredients are cited on the lists below: None

NTP CARC, NTP SUS, IARC 1, IARC 2A, IARC 2B, OSHA CARC

This material is not known to contain any chemical listed as a carcinogen or suspected carcinogen by OSHA Hazard Communication Standard 29CFR 1910.1200, IARC, or the National Toxicology Program (NTP) at a concentration greater than 0.1%.

Section 12 - Ecological Information

ECOLOGICAL INFORMATION: There is no ecological data on the product itself.

ECOTOXICITY: Material—Not expected to be harmful to aquatic organisms.

MOBILITY: Base oil component – Low solubility and float and is expected to migrate from water to the land. Expected to partition to sediment and wastewater solids.

An environmental fate analysis is not available for this specific product. Plants and animals may experience harmful or fatal effects when coated with petroleum products. Petroleum-based (mineral) lubricating oils normally will float on water. In stagnant or slow-flowing waterways, an oil layer can cover a large surface area. As a result, this oil layer might limit or eliminate natural atmospheric oxygen transport into the water. With time, if not removed, oxygen depletion in the waterway may be sufficient to cause a fish kill or create an anaerobic environment.

Section 13 - Disposal Considerations

Disposal recommendations based on material as supplied. Therefore, it may be disposed of as an industrial waste in a manner acceptable to good waste management practice and in compliance with applicable local, state, and federal regulations.

Product is suitable for burning in an enclosed controlled burner for fuel value or disposal by supervised incineration at very high temperatures to prevent formation of undesirable combustion products.

This product is not regulated by CERCLA/RCRA as a hazardous waste or material. However, this product has not been tested for the toxicity characteristic via the Toxicity Characteristic Leaching Procedure.

Empty Container Warning: Do not attempt to refill or clean containers since residue is difficult to remove. Empty drums should be completely drained, properly bunged and returned to a drum re-conditioner. All containers should be disposed of in an environmentally safe manner and in accordance with governmental regulations.

Section 14 - Transportation Information

LAND-DOT: Not Regulated for Land Transportation

LAND-TDG: Not Regulated for Land Transportation

SEA-IMDG: Not Regulated for Sea Transportation

AIR-IATA: Not Regulated for Air Transportation

Section 15 - Regulatory Information

OSHA Hazard Communication Standard: When used for its intended purposes, this material is not classified as hazardous in accordance with OSHA 29 CFR 1910.1200.

WHMIS: Not a controlled product

Chemical Inventory Listing: TSCA, CEPA

EPCRA: This material contains no extremely hazardous substances.

SARA (311/312) Reportable Hazards: None

SARA (313) Toxic Release Inventory: This material contains no chemicals subject to the supplier notification requirements of the SARA 313 Toxic Release Program

TSCA: This material is in compliance with the Toxic Substances Control Act (15USC2601-2629)

CEPA: All components of this product are either on the Domestic Substance List (DSL) Or are exempted.

Section 16 - Other Information

Disclaimer: This safety data sheet and the information it contains is offered to you in good faith as accurate. We have reviewed any information contained in the data sheet which we have received from outside sources and we believe the information to be correct, but cannot guarantee its accuracy or completeness.

Health and safety precautions in this data sheet may not be adequate for all individuals and/or situations. It is the user's obligation to evaluate and use this product in a safe manner and to comply with all applicable laws and regulations. No statement made in this data sheet shall be construed as permission or recommendation for the use of any product in a manner that might infringe existing patents. No warranty is made, either expressed or implied.
Internal Use: 3E9