SAFETY DATA SHEET
Military Grease/All NLGI

Revision: 18/06/2024
Supersedes Revision: 31/01/2023

according to Regulation (EC) No. 1907/2006 as amended by (EC) No. 2020/878

Section 1. Identification of the Substance/Mixture and of the Company/Undertaking

1.1 Product Code: PM600

Product Name: Military Grease/All NLGI

1.2 Relevant identified uses of the substance or mixture and uses advised against:

1.3 Details of the Supplier of the Safety Data Sheet:

Company Name: Balmar, LLC
616 W. Pont Des Mouton Rd.
Lafayette, LA 70507-4002 United States of America

Phone Number: (337)232-2496

Email address: Info@oilcenter.com

1.4 Emergency telephone number:

Emergency Contact: CHEMTREC 01 (703)527-3887
Norwegian Poison Information Centre (472)259-1300

Section 2. Hazards Identification

2.1 Classification of the Substance or Mixture:

2.2 Label Elements:

GHS Signal Word: **None**

Hazard-determining components of labelling:

GHS Hazard Phrases:

No phrases apply.

GHS Precautionary Phrases:

P260 - Do not breathe dust/fume/gas/mist/vapors/spray.

GHS Response Phrases:

P314 - Get medical attention/advice if you feel unwell.

GHS Storage and Disposal Phrases:

P501 - Dispose of contents/container to in accordance with federal regulations.

UFI:

2.3 Adverse Human Health Effects and Symptoms:

2.3.1 Inhalation: May be harmful if inhaled. May cause respiratory tract irritation.

2.3.2 Skin Contact: May be harmful if absorbed through the skin. May cause skin irritation.

2.3.3 Eye Contact: May cause eye irritation.

2.3.4 Ingestion: May be harmful if swallowed.

Section 3. Composition/Information on Ingredients

CAS #	Components (Chemical Name)/ REACH Registration No.	Concentration	EC No./ EC Index No.	GHS Classification
NA	Thickener NA	10.0 - 20.0 %	NA NA	STOT (RE) 2: H373
14808-60-7	Quartz na	<1.00 %	238-878-4 NA	Mutagen 2: H341 Carcinogen 1A: H350 STOT (RE) 1: H372
NA	Other Components below reportable levels	<=89.0 %	NA NA	No data available.

Section 4. First Aid Measures

4.1 Description of First Aid Measures:

In Case of Inhalation: If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.

In Case of Skin Contact: Wash off with soap and plenty of water.

In Case of Eye Contact: Flush eyes with water as a precaution.

In Case of Ingestion: Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

4.2 Important Symptoms and Effects, Both Acute and Delayed: Prolonged inhalation of crystalline silica may result in silicosis, a disabling pulmonary fibrosis characterized by fibrotic changes and miliary nodules in the lungs, a dry cough, shortness of breath, emphysema, decreased chest expansion, and increased susceptibility to tuberculosis. In advanced stages, loss of appetite, pleuritic pain, and total incapacity to work. Advanced silicosis may result in death due to cardiac failure or destruction of lung tissue. Crystalline silica is classified as group 1 "known to be carcinogenic to humans" by IARC and "sufficient evidence" of carcinogenicity by the NTP. The chronic health risks are associated with respirable particles of 3-4 um over protracted periods of time.

Note for the Doctor: Consult a physician. Show this safety data sheet to the doctor in attendance. Move out of dangerous area.

Section 5. Fire Fighting Measures

5.1 Suitable Extinguishing Media: Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

5.2 Flammable Properties and Hazards: No data available.

No data available.

Flash Point: > 204 C (> 400 F) Method Used: Estimate

Explosive Limits: LEL: No data. UEL: No data.

Autoignition Pt: NA

5.3 Fire Fighting Instructions: Wear self contained breathing apparatus for fire fighting if necessary. Further information. The product itself does not burn.

Section 6. Accidental Release Measures

6.1 Protective Precautions, Protective Equipment and Emergency Procedures: No data available.

6.2 Environmental Precautions: No data available.

6.3 Methods and Material For Containment and Cleaning Up: Personal precautions.
Use personal protective equipment. Avoid breathing vapors, mist or gas. Evacuate personnel to safe areas. Environmental precautions. Prevent further leakage or spillage if safe to do so. Do not let product enter drains. Sweep up and shovel. Keep in suitable, closed containers for disposal.

Section 7. Handling and Storage

7.1 Precautions To Be Taken in Handling: Avoid contact with skin and eyes.

7.2 Precautions To Be Taken in Storing: Keep container tightly closed in a dry and well-ventilated place.

Section 8. Exposure Controls/Personal Protection

8.1 Exposure Parameters:

CAS #	Chemical Name	Jurisdiction	Recommended Exposure Limits	Notations
14808-60-7	Quartz	ACGIH TLV	TLV: 0.05 mg/m3 (R)	
		France VL	TWA: 09.1 a	
		OSHA PELs	PEL: 8825 ppm/(%SiO2+5)	

8.2 Exposure Controls:

8.2.1 Engineering Controls (Ventilation etc.): No data available.

8.2.2 Personal protection equipment:

Personal Protective Equipment Symbols:



Eye Protection: Safety glasses with side-shields conforming to EN166.

Protective Gloves: Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.

Other Protective Clothing: Complete suit protecting against chemicals.

Respiratory Equipment (Specify Type): For nuisance exposures use type P95 (US) or type P1 (EU EN 143) particle respirator. For higher level protection use type OV/AG/P99 (US) or type ABEK-P2 (EU EN 143) respirator cartridges. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

Work/Hygienic/Maintenance Practices: Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.

No data available.

Exposure Scenarios: No data available.

Section 9. Physical and Chemical Properties

9.1 Information on Basic Physical and Chemical Properties

Physical States:	[ ] Gas [ ] Liquid [X] Solid
Appearance and Odor:	Appearance: Red. Paste. Odor: Mild Petroleum.
pH:	No data.
Melting Point:	1.00 C (33.8 F)
Boiling Point:	NA
Flash Point:	> 204 C (> 400 F) Estimate

Evaporation Rate:	No data.
Saturated Vapor Concentration:	No data.
Flammability (solid, gas):	No data available.
Explosive Limits:	LEL: No data. UEL: No data.
Vapor Pressure:	No data.
	No data.
Vapor Density (vs. Air=1):	No data.
Specific Gravity (Water=1):	0.886 - 0.899 at 25.0 C (77.0 F)
Density:	0.312 G/ML at 25.0 C (77.0 F)
Solubility in Water:	< 1 at 25.0 C (77.0 F)
Octanol/Water Partition Coefficient:	No data.
Autoignition Pt:	NA
Decomposition Temperature:	NP
Viscosity:	No data.

9.2 Other Information

9.2.1 Information with regard to physical hazard classes

Information with regard to primary physical hazard:

9.2.2 Other safety characteristics

Section 10. Stability and Reactivity

10.1 Reactivity: No data available.

10.2 Stability: Unstable [ ] Stable [X]

10.3 Conditions To Avoid - Hazardous Reactions: No data available.

Possibility of Hazardous Reactions: Will occur [ ] Will not occur [X]

10.4 Conditions To Avoid - Instability: No data available.

10.5 Incompatibility - Materials To Avoid: Hydrogen fluoride.

10.6 Hazardous Decomposition or Byproducts: formed under fire conditions.

Section 11. Toxicological Information

11.1 Information on Toxicological Effects: Acute toxicity. No data available.
Respiratory or skin sensitization: Germ cell mutagenicity. Reproductive toxicity - no data available.
Specific target organ toxicity -single exposure (Globally Harmonized System) Specific target organ toxicity -repeated exposure (Globally Harmonized System)
Inhalation: May cause damage to organs through prolonged or repeated exposure.

Carcinogenicity/Other Information: Carcinogenicity.
IARC Group 2A: Suspected human carcinogenic substance.
NTP: Known to be human carcinogen Aluminum arsenide
OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA. Additional studies are needed to determine whether the cell transforming activity of quartz is related to its carcinogenic potential.

Carcinogenicity: NTP? No IARC Monographs? No OSHA Regulated? No

11.2 Information on other hazards: No data available.

CAS #	Components (Chemical Name)	NTP	IARC	ACGIH	OSHA
NA	Thickener	n.a.	n.a.	n.a.	n.a.
14808-60-7	Quartz	Known	1	A2	n.a.
NA	Other Components below reportable levels	n.a.	n.a.	n.a.	n.a.

Section 12. Ecological Information

12.1 Toxicity: No data available.

12.2 Persistence and Degradability: No data available.

12.3 Bioaccumulative Potential: No data available.

12.4 Mobility in Soil: No data available.

12.5 Results of PBT and vPvB assessment: No data available.

12.6 Endocrine disrupting properties: No data available.

12.7 Other adverse effects: No data available.

Section 13. Disposal Considerations

13.1 Waste Disposal Method: Product.
Offer surplus and non-recyclable solutions to a licensed disposal company. Contact a licensed professional waste disposal service to dispose of this material. Dissolve or mix the material with a combustible solvent and burn in a chemical incinerator equipped with an afterburner and scrubber.
Contaminated packaging.
Dispose of as unused product.

Section 14. Transport Information

14.1 LAND TRANSPORT (European ADR/RID):

ADR/RID Shipping Name: No information available.

UN Number:

Hazard Class:

14.2 MARINE TRANSPORT (IMDG/IMO):

IMDG/IMO Shipping Name: Not regulated as a hazardous material

UN Number: **Packing Group:**

Hazard Class:

14.3 AIR TRANSPORT (ICAO/IATA):

ICAO/IATA Shipping Name: Not regulated as a hazardous material

UN Number: **Packing Group:**

Hazard Class:

Section 15. Regulatory Information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture:

EPA SARA (Superfund Amendments and Reauthorization Act of 1986) Lists

CAS #	Components (Chemical Name)	S. 302 (EHS)	S. 304 RQ	S. 313 (TRI)
NA	Thickener	No	No	No
14808-60-7	Quartz	No	No	No
NA	Other Components below reportable levels	No	No	No

CAS #	Components (Chemical Name)	Other US EPA or State Lists
NA	Thickener	CAA HAP,ODC: No; CWA NPDES: No; TSCA: Yes - Inventory; CA PROP.65: No; MA Oil/HazMat: No; NJ EHS: No; NY Part 597: No; PA HSL: No
14808-60-7	Quartz	CAA HAP,ODC: No; CWA NPDES: No; TSCA: Yes - Inventory; CA PROP.65: No; MA Oil/HazMat: No; NJ EHS: No; NY Part 597: No; PA HSL: Yes - 1
NA	Other Components below reportable levels	CAA HAP,ODC: No; CWA NPDES: No; TSCA: No; CA PROP.65: No; MA Oil/HazMat: No; NJ EHS: No; NY Part 597: No; PA HSL: No

CAS #	Components (Chemical Name)	International Regulatory Lists
NA	Thickener	Canadian DSL:: Yes; New Zealand IOC: Yes; REACH: Yes - (P)
14808-60-7	Quartz	Canadian DSL:: Yes; New Zealand IOC: Yes; REACH: Yes - (P), 01-2120770509-45: Intermediate
NA	Other Components below reportable levels	Canadian DSL:: No; New Zealand IOC: No; REACH: No

15.2 Chemical Safety Assessment:

Section 16. Other Information

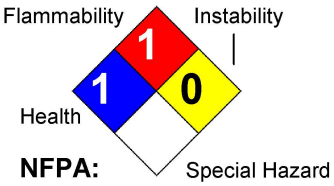
Revision Date: 18/06/2024

Hazard Rating System:

HMIS:

HEALTH	1
FLAMMABILITY	1
PHYSICAL	0
PPE	B

NFPA:



Additional Information About This Product: No data available.

Company Policy or Disclaimer: The information contained here is based upon data available to us and reflects our best professional judgment. Since it is impossible to anticipate the conditions under which our products may be used, we cannot guarantee that the recommendations will be adequate for all individuals and situations. Each user of this product should determine the suitability of the product with zero or minimum hazards. Our products are improved daily as up-to-date information and research data is recieved from our suppliers in our quest to use products with less or no hazards. Please feel free to contact us for current information.