

**BOOTH GREASE 9000 --**

**Section 1. Supplier Information**



**General Chemical Corp.**

12336 Emerson Drive  
Brighton, MI 48116  
(248) 587-5600

**Emergency Telephone: 1-800-424-9300**

**Section 2. Hazardous Ingredients**

<u>Hazardous Component(s)</u>	<u>CAS #</u>	<u>PEL TWA</u>	<u>PEL Ceiling</u>	<u>TLV TWA</u>	<u>TLV STEL</u>	<u>MFG Limits</u>	<u>WGT %</u>
Aliphatic hydrocarbons	64742-88-7	5 mg/m3	N/E	5 mg/m3*	10 mg/m	100 ppm	40 - 70
Petrolatum RPB	8009-03-8	5 mg/m3	N/E	5 mg/m3*	10 mg/m	N/E	30 - 50

N/A = Not Applicable; N/E = Not Established; \* = Mists; # = Skin; ' = Respirable Dust; " = Total Dust; ^ = Vapor; \*\* = Fumes; C = Ceiling Limit

All components of this product are listed on the Toxic Substances Control Act (TSCA) Inventory and the Canadian Domestic Substances List (DSL), or are exempt from the listing.

**Section 3. Hazards Identification**

**Primary Routes of Entry**

Inhalation: YES  
Skin: YES  
Ingestion: YES

**Hazardous Materials Information System (HMIS) Ratings**

Health:	* 2	0 = Minimal
Fire:	2	1 = Slight
Reactivity:	0	2 = Moderate
		3 = Serious
		4 = Severe
		* = Chronic Hazard

**Signs of Symptoms of Exposure:**

**INHALATION:** High vapor or mist concentrations may produce nose, throat, and respiratory irritation and may cause central nervous system (CNS) depression.

**SKIN:** Material is mildly irritating to the skin. Prolonged or repeated contact may cause defatting and drying of the skin, resulting in irritation and dermatitis.

**EYES:** Minimally irritating to the eyes. High vapor concentrations may be irritating.

**INGESTION:** Ingestion of this product may result in vomiting. Aspiration (breathing) of vomitus into the lungs must be avoided, as even small quantities may result in aspiration pneumonitis.

**Chemical Listed as Potential Carcinogens:**

NTP: NO

IARC: NO

OSHA: NO

Target Organs: Eyes, skin, and respiratory system.

**Section 4. Emergency And First Aid Procedures**

**INHALATION:** If adverse effects such as dizziness, nausea, or irritation are noted, move person

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to fresh air. If not breathing, give artificial respiration. Get medical attention!

SKIN: Immediately wash skin with large amounts of soap and water. Remove contaminated clothing and shoes; wash before reuse. Get medical attention if irritation persists after washing.

EYES: Flush eyes immediately with water for at least 15 minutes. If irritation persists, call a physician.

INGESTION: DO NOT INDUCE VOMITING! Contact a physician immediately!

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**Section 5. Fire Fighting Measures**

Flash Point: 103 °F (typical)

Method Used: Pensky-Martens Closed Cup

Flammable Limits in Air % by Volume: LEL: 1

UEL: 7; for aliphatic hydrocarbons.

Extinguisher Media: Carbon dioxide, dry chemical, or foam.

Special Fire Fighting Procedures: Water spray may be ineffective in fighting fires, but may be used to cool closed containers. Full protective equipment including self-contained breathing apparatus should be used.

Unusual Fire And Explosion Hazards: Vapors are heavier than air and may travel along the ground or be moved by ventilation and ignited at locations distant from handling point.

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**Section 6. Accidental Release Measures**

If material is spilled, eliminate all ignition sources. Keep people away. Recover free product. Add sand, earth or other suitable absorbent to spill area; place in closed containers for disposal. Ventilate confined spaces. Keep product out of sewers and watercourses by diking or impounding. Advise authorities if product has entered or may enter sewers, watercourses, or extensive land areas. Continue to observe precautions for volatile, combustible vapors from absorbed material.

CERCLA (Superfund) Reportable Quantity (in lbs None).

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**Section 7. Handling and Storage**

Handling: Avoid contact with skin and eyes; wash thoroughly after handling. Avoid breathing vapor; use with adequate ventilation.

Storage: Store in a dry location at room temperature. Keep container closed and maintain all original markings and labels. Keep this container and vapors from this container away from heat, sparks, flame, and other ignition sources.

Other: CAUTION! Do not use cutting or welding torches on containers, even when empty. Containers, even those that have been emptied, will retain product residue and vapors. Do not reuse container without recycling or reconditioning. Handle empty containers as if they were full.

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**Section 8. Exposure Controls and Personal Protection**

Respiratory Protection: Use NIOSH / MSHA approved respirator where high vapor or mist concentrations are present.

Local Exhaust: None normally required. Local exhaust may be needed under special circumstances such as poorly ventilated areas, evaporation from large surfaces, spraying, heating, etc.

Mechanical Exhaust: Mechanical ventilation should be sufficient to maintain exposure levels below exposure limits.

Protective Gloves: Wear chemical resistant gloves.

Eye Protection: Safety glasses with side shields. Do NOT wear contact lenses. Chemical

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goggles and/or faceshield should be worn where splashing is possible.

Other Protection: Eye wash and safety shower should be readily available. Wear a chemical resistant apron and boots where splashing is possible.

Hygienic Practices: Protective equipment and clothing should be selected, used and maintained according to applicable standards and regulations. For further information, contact the clothing or equipment manufacturer. Do not eat, drink, or smoke while using this product. Wash hands prior to eating, drinking, smoking, or using restrooms. Cleanse skin thoroughly after contact, before breaks and meals, and at the end of the work shift.

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**Section 9. Physical and Chemical Properties**

Boiling Point: > 310 °F

Specific Gravity (H<sub>2</sub>O=1): 0.83-0.84

Vapor Pressure (mm Hg): < 1.5

Vapor Density (air=1) > 1

Solubility in Water: Negligible.

Reactivity in Water: None.

Weight per Gallon (lb/gal): 6.9 - 7.1 lbs/gal

% Volatile by Volume: 56-58%

% Solid by Weight: 42-44%

Appearance and Odor: Thick, yellow brown liquid with a mild solvent odor.

Theoretical VOC: 3.6 - 3.8 lbs/gal  
(>0.1 mm Hg @ 20 ° C)

Analytical VOC : 3.9 - 4.1 lbs/gal  
(EPA method 24)

pH: N/A

Degree of water solubility:  
Negligible = Less than 0.1%  
Slight = 0.1% - 1%  
Moderate = 1% - 10%  
Appreciable = More than 10%  
Complete = 100%

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**Section 10. Stability and Reactivity**

Stability: Stable. Hazard Polymerization: Will not occur.

Conditions to Avoid: COMBUSTIBLE! Keep from heat, sparks, or open flame.

Incompatibility (Materials to Avoid): Strong oxidizing agents.

Hazardous Decomposition Products: Unidentified organic compounds and oxides of carbon.

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**Section 11. Toxicological Information**

Solvent naphtha, medium aliphatic [CASRN 064742-88-7]

ACUTE TOXICITY Oral LD50 (rat) > 25 mL/kg Eye Irritation: negligible (rabbit)  
Dermal LD50 (rabbit) > 4 mL/kg Skin Irritation: moderate (rabbit)  
Inhalation LC50 (rat) > 700 ppm/4 hour

Other Testing: Animal data suggest that slight anemia, adaptive liver changes, and kidney toxicity (male rat nephropathy) may be caused by repeated over exposure to some similar solvents. The relevance of this effect to man is unknown.

Neurotoxicity: Repeated exposures which cause acute neurological effects may also cause long-term neurological deficits in humans.

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Carcinogenicity: Animal data suggest that repeated dermal exposures that cause severe skin irritation may cause or promote skin cancer. [18,7-18,18,3,D,I-060500]

Petrolatum [CASRN 008009-03-8]

Petrolatum or petroleum jelly is a microcrystalline wax with a defined oil content. Microcrystalline waxes consist mainly of iso and cycloparaffins with some alkylated aromatic hydrocarbons.

Petrolatum's are nontoxic and some petrolatum's have been approved for food and medicinal use. Exposure to a large single dose, or repeated smaller doses of petrolatum by inhalation, aspiration or ingestion leading to aspiration can lead to lipid pneumonia or lipid granuloma of the lung. These are low-grade, chronic, localized tissue reactions. Shortness of breath and cough are the most common symptoms.

Petrolatum's were not carcinogenic in mice when applied dermally or administered subcutaneously; or in rats when injected intraperitoneally or included in the diet for two years. This product is not carcinogenic according to the OSHA Hazard Communication Standard. [15,4-15,18-041095]

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**Section 12. Ecological Information**

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**Section 13. Disposal Considerations**

Waste Disposal Methods (Federal, State, Local):

In accordance with all federal, state and local requirements.

RCRA Hazardous Waste Number: D001

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**Section 14. Transport Information**

Hazardous Material Description:

(Proper shipping name, hazard class, hazard ID#, packing group)

Domestic ground non-bulk: NOT REGULATED

Domestic ground bulk: COMBUSTIBLE LIQUID, N.O.S., NA1993, PG III (PETROLEUM NAPHTHA)

International: FLAMMABLE LIQUID, N.O.S., 3, UN1993, PG III (PETROLEUM NAPHTHA)

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**Section 15. Regulatory Information**

SARA 313 Information

'This product contains the following chemical(s) above deminis concentrations and may be subject to reporting under section 313:

None.

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**Section 16. Other Information**

This MSDS contains revisions in the following sections: New product

Prepared by: Andrew J. Thomas Chemist

Revised by:

The development of this Material Safety Data Sheet (MSDS) relies upon information provided to us by each of our raw material suppliers. This MSDS will be updated as changes occur to their MSDS(s).

We believe the recommendations and technical information contained herein to be accurate. However, they are given without warranty or guarantee, expressed or implied, and we assume no responsibility for losses or damage, direct or indirect, as a result of their use.