

**BOOTH GREASE 2374 RED --**

**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>
Mineral oil, sev. hydrotreated	64742-52-5	5 mg/m3	N/E	5 mg/m3*	10 mg/m	N/E	>60
Propylene carbonate	108-32-7	N/E	N/E	N/E	N/E	N/E	< 5

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

**Signs of Symptoms of Exposure:**

**INHALATION:** Overexposure to vapor or mist may cause dizziness, loss of concentration, and irritation. With high exposure levels, effects can include central nervous system (CNS) depression (intoxication) and cardiac arrhythmia. Product vapors displace air and can cause suffocation, especially in a confined space.

**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.

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

INHALATION: If adverse effects such as dizziness, nausea, or irritation are noted, move person 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: > 220 °F Method Used: Pensky-Martens Closed Cup

Flammable Limits in Air % by Volume: LEL: N/E UEL: N/E

Extinguisher Media: Carbon dioxide, dry chemical, foam, water fog, earth, or sand.

Special Fire Fighting Procedures: Firefighters should wear a self-contained breathing apparatus with a full facepiece operated in pressure demand or other positive pressure mode, and protective clothing.

Unusual Fire And Explosion Hazards: Low fire hazard when exposed to heat and flame. Product is not flammable or combustible.

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**Section 6. Accidental Release Measures**

If material is spilled, absorb with sand, earth, or similar inert material. Place in closed, labeled containers for proper disposal.

CERCLA (Superfund) Reportable Quantity (in lbs N/A)

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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.

Other: 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: At a minimum, wear safety glasses with side shields.

Other Protection: Eye wash and safety shower should be readily available.

Hygienic Practices: Avoid contact with skin and avoid breathing vapors or mist. Do not eat, drink, or smoke while using this product. Wash up prior to eating, drinking, or using the restroom.

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**Section 9. Physical and Chemical Properties**

Boiling Point:	> 526 °F (initial)	Degree of water solubility:
Specific Gravity (H <sub>2</sub> O=1):	0.88-0.92	Negligible = Less than 0.1%
Vapor Pressure (mm Hg):	< 0.1	Slight = 0.1% - 1%
Vapor Density (air=1)	> 1	Moderate = 1% - 10%
Solubility in Water:	Negligible.	Appreciable = More than 10%
Reactivity in Water:	None.	Complete = 100%
Weight per Gallon (lb/gal):	7.4 - 7.6 lbs/gal	
% Volatile by Volume:	1-3%	
% Solid by Weight:	97-99%	
Appearance and Odor:	Thick, pink grease (semi-solid) with a mild odor.	
Theoretical VOC: (>0.1 mm Hg @ 20 ° C)	0 lbs/gal	
Analytical VOC : (EPA method 24)	0.1 - 0.2 lbs/gal	
pH:	N/E	

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**Section 10. Stability and Reactivity**

Stability:	Stable.	Hazard Polymerization:	Will not occur.
Conditions to Avoid:	Open flames.		
Incompatibility (Materials to Avoid):	Strong oxidizing agents.		
Hazardous Decomposition Products:	Various organic compounds and oxides of carbon.		

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**Section 11. Toxicological Information**

Propylene carbonate [CASRN 000108-32-7]

**ACUTE TOXICITY**

Oral LD50 (rat)	= 29 g/kg	Irritation - eye (rabbit)	0.20 / 8.0 (Draize)
Oral LD50 (mouse)	= 20.7 g/kg	Sensitization - skin (guinea pig)	Negative (Buehler)
Dermal LD50 (rabbit)	> 2 g/kg	Irritation - skin (rabbit)	12.5 / 110 (Draize)

[7,20-9,18,15,2-070797], [0-0,7,15,15,2-110393]

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**Section 12. Ecological Information**

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Propylene carbonate [CASRN 000108-32-7]

Ecotoxicity:

24 HR - LC50 (Iepomis macrochirus) = 5 mg/l      24 HR - LC50 (goldfish) = 5 mg/l  
96 HR - LC50 (sheepshead minnow) = 1,000 mg/l    24 HR - LC50 (trout) = 5 mg/l  
48 HR - LC50 (marine copepod)      = 1,000 mg/l

Environmental Fate: This material is not volatile but is water soluble.

Bioaccumulation: This material is not expected to bioaccumulate.

Biodegradation: This material is expected to be readily biodegradable in acclimated systems.  
Abiotic degradation is expected. [11,24-0,B,A,A,A,15,2-070600]

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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: N/A

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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:      NOT REGULATED

International:                      NOT REGULATED

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**Section 15. Regulatory Information**

SARA 313 Information

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

N/A

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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.