

**Section 1. Supplier Information**

**CMI Chemical Corporation**  
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>
Parrafin wax	8002-74-2	N/E	N/E	2 mg/m3*	N/E	N/E	< 5
Mineral oil, sev. hydrotreated	64742-52-5	5 mg/m3	N/E	5 mg/m3*	10 mg/m	N/E	40 - 50
Aliphatic hydrocarbons	64742-88-7	5 mg/m3	N/E	5 mg/m3*	10 mg/m	100 ppm	40 - 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: NO

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

Health: 1  
Fire: 2  
Reactivity: 0  
0 = Minimal  
1 = Slight  
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:** Vapors are slightly uncomfortable. Splashes can be irritating, will cause painful burning or stinging of eyes and lids, watering of eyes and inflammation of conjunctiva.

**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

**RI-4317 -- RUST INHIBITOR**

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Target Organs: Skin, respiratory system, and CNS.

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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: 111 ° F

Method Used: Tagliabue Closed Cup

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

UEL: N/E

Extinguisher Media: Dry chemical, carbon dioxide, or foam. Use water to cool closed containers.

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: Product is combustible. Keep away from heat, sparks, and open flames.

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**Section 6. Accidental Release Measures**

If material is spilled, evacuate the area, ventilate, and avoid breathing vapors. Dike area to contain spill. Clean up area by mopping or with absorbent material and place in closed containers for disposal. Avoid contamination of ground and surface waters. Do not flush to sewer. If spill occurs indoors, turn off air conditioning and/or heating systems, to prevent vapors from contaminating entire building.

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:** Do not store above 100 °F. 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

**RI-4317 -- RUST INHIBITOR**

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below exposure limits.

Protective Gloves: Wear chemical resistant gloves.

Eye Protection: Safety glasses with side shields. Do NOT wear contact lenses. Chemical goggles and/or faceshield should be worn where splashing is possible.

Other Protection: Eye wash should be available. Wear coveralls to protect clothing from spatters.

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:	> 300 ° F	Degree of water solubility:
Specific Gravity (H <sub>2</sub> O=1):	0.80-0.85	Negligible = Less than 0.1%
Vapor Pressure (mm Hg):	> 1	Slight = 0.1% - 1%
Vapor Density (air=1)	> 2	Moderate = 1% - 10%
Solubility in Water:	Negligible.	Appreciable = More than 10%
Reactivity in Water:	None.	Complete = 100%
Weight per Gallon (lb/gal):	6.85 - 7.05 lbs/gal	
% Volatile by Volume:	95-97	
% Solid by Weight:	3-5	
Appearance and Odor:	Clear, amber to brown liquid.	
Theoretical VOC: (>0.1 mm Hg @ 20 ° C)	3.2 - 3.3 lbs/gal	
Analytical VOC : (EPA method 24)	6.6 - 6.7 lbs/gal	
pH:	N/A, product is solvent based.	

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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: Various hydrocarbons, sulfur oxides, and oxides of carbon.

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**Section 11. Toxicological Information**

**RI-4317 -- RUST INHIBITOR**

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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.

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]

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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: PETROLEUM DISTILLATES, N.O.S., COMBUSTIBLE LIQUID,  
UN1268, PG III

International: PETROLEUM DISTILLATES, N.O.S., 3, UN1268, PG III

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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 format

Prepared by: John A. DiCerbo, IHIT Regulatory & Safety Coordinator

Revised by: John A. DiCerbo Quality, EH&S Manager

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.