

SAFETY DATA SHEET

1.0 IDENTIFICATION

- 1.1 **GHS product identifier:** Mold Release #1
- 1.2 **Other means of identification:** Wax Dispersion in Hydrocarbon Solvent
- 1.3 **Recommended use of the chemical and restrictions on use:** N/A
- 1.4 **Supplier's details:** CHEM-TREND
PO BOX 860
HOWELL MI 48844 USA
INFORMATION PHONE NUMBER: (248) 588-2270
- 1.5 **Emergency phone number:** (703) 527-3887(Call Collect)

2.0 HAZARDS IDENTIFICATION

- 2.1 **Classification of the substance or mixture:**
Flammable Liquid 3, Skin Corrosion/Irritation 2, Eye Damage/Irritation 2B, Specific Target Organ Toxicity, Single Exposure 3
- 2.2 **GHS label elements:**



Signal Word: Warning

Hazard Statement: Flammable liquid and vapor

Prevention: Keep away from heat/sparks/open flames/hot surfaces. No smoking. Keep container tightly closed. Ground/bond container and receiving equipment. Use explosion-proof electrical/ventilating/lighting equipment. Use only non-sparking tools. Take precautionary measures against static discharge. Wear protective gloves/eye protection/face protection.

Response: If on skin (or hair): remove/take off immediately all contaminated clothing. Rinse skin with water/shower. In case of fire: use carbon dioxide, foam, dry chemical or water fog to extinguish fire.

Storage: Store in a well-ventilated place. Keep cool.

Disposal: Dispose of contents/container by incineration under controlled conditions in accordance with all local and national laws and regulations.



Signal Word: Warning

Hazard Statement: Causes skin irritation

Prevention: Wash hands thoroughly after handling. Wear protective gloves.

Response: If on skin: wash with plenty of soap and water. If skin irritation occurs: get medical advice/attention. Take off contaminated clothing and wash before reuse.

Signal Word: Warning

Hazard Statement: Causes eye irritation

Prevention: Flush eyes thoroughly after eye contact.

Response: If in eyes: rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: get medical advice/attention.



Signal Word: Warning

Hazard Statement: May cause respiratory irritation

Prevention: Avoid breathing dust/fume/gas/mist/vapors/spray. Use only outdoors or in a well-ventilated area.

Response: If inhaled: remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a poison center or doctor/physician if you feel unwell.

Store: Store in a well-ventilated place. Keep container tightly closed. Store locked up.

Disposal: Dispose of contents/container by incineration under controlled conditions in accordance with all local and national laws and regulations.

- 2.3 **Other hazards which do not result in classification:** N/A

- 2.4 **Hazards Material Information System (United States):**

Health	2
Flammability	3
Physical Hazard	0

Hazard Codes: =Chronic Hazard 0=Minimal Hazard, 1=Slight Hazard, 2=Moderate Hazard, 3=Serious Hazard, 4=Severe Hazard

3.0 COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Mixtures

Chemical Identity	CAS No.	Concentration
Hydrocarbon Naptha	8052-41-3	80% - 90%
Wax / Silicone Blend	***	10% - 20%

4.0 FIRST-AID MEASURES

4.1 Description of necessary first-aid measures:

Eye contact: Hold eyelids apart and immediately flush eyes with plenty of water for at least 15 minutes. Seek medical advice.

Skin contact: Wash with soap and water. Launder contacted clothing before reuse.

Inhalation: If adverse effects such as dizziness, nausea, or irritation are noted, move to fresh air. Contact physician.

Ingestion: If product is swallowed, DO NOT induce vomiting. Contact a physician immediately.

4.2 Most important symptoms/effects, acute and delayed:

Acute Health Hazards:

Eyes: Liquid product splashed in the eye will irritate the eye.

Skin: Prolonged or Repeated contact may defat skin which may cause irritation or dermatitis. Avoid skin contact.

Inhalation: Vapor concentration above the TLV may cause nasal and respiratory irritation, dizziness, weakness, fatigue, nausea, headache, and even asphyxiation (at extreme levels).

Ingestion: May cause irritation of the digestive tract, nausea, vomiting and diarrhea. If product is accidentally swallowed, do not induce vomiting because of the danger of aspiration of solvent into the lungs. Seek prompt medical attention.

Sensitization: Repeated and/or prolonged exposure may cause allergic reaction/sensitization.

Target Organs: Eye, Skin, Respiratory system

Medical Conditions Generally Aggravated by Exposure: Asthma, Chronic respiratory disease (e.g. Bronchitis, Emphysema), Eye disease, Skin disorders and Allergies

CARCINOGENS UNDER OSHA, ACGIH, NTP, IARC: This product contains no listed carcinogens in concentrations of 0.1 percent or greater. See section 8-EXPOSURE CONTROLS/PERSONAL PROTECTION for exposure limits and recommended protective equipment. See section 11-TOXICOLOGICAL INFORMATION for any further information.

4.3 Indication of immediate medical attention and special treatment needed, if necessary: N/A

5.0 FIRE-FIGHTING MEASURES

5.1 Suitable extinguishing media:

Use foam, Carbon Dioxide, or dry chemical. Do not use direct stream of water since product will float and reignite on the surface.

5.2 Specific hazards arising from the chemical:

Flash Point is 39°C (103°F) Closed Cup. Containers exposed to intense heat should be cooled with water to prevent pressure build-up which could result in container rupture.

5.3 Special protective actions for fire-fighters:

Fire fighters should wear self-contained positive pressure breathing apparatus (SCBA) and full turnout gear.

6.0 ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures:

Ventilate the space involved. Shut off or remove all ignition sources.

OTHER EMERGENCY ADVICE: Flammable vapors are heavier than air and may spread long distances or collect in low spots.

6.2 Methods and materials for containment and clean up:

Stop the leak, if possible. Construct a dike to prevent spreading. If recovery is not feasible, admix with dry soil, sand or non-reactive absorbent and place in an appropriate chemical waste container.

7.0 HANDLING AND STORAGE

7.1 Precautions for safe handling:

Ground all equipment used for pumping this product

OTHER PRECAUTIONS: Emergency showers and eye wash stations should be readily accessible. Adhere to work practice rules established by government regulations (e.g. OSHA). Do not use sodium nitrite or other nitrosating agents in formulations containing this product. Cancer-causing nitrosamines could be formed.

7.2 Conditions for safe storage, including any incompatibilities:

Protect from static electrical sparks or other ignition sources. Store away from oxidizers. Do not store at temperatures above 100° F to avoid pressure build-up in closed containers. Keep containers closed when not in use.

8.0 EXPOSURE CONTROLS/PERSONAL PROTECTION**8.1 Control parameters**

Component	CAS No.	Percent	Exposure Limits	Source
Naptha	8052-41-3	80% - 90%	100 ppm TWA 100ppm TLV	OSHA ACGIH

8.2 Appropriate engineering controls:

No specific controls needed.

8.3 Individual protection measures, such as personal protective equipment:

Eye protection: Chemical Safety Glasses with Side-Shields. A full-face shield and vapor respirator is recommended for operations involving spraying or other operations placing this material under pressurized conditions.

Hand protection: Neoprene rubber gloves. Impermeable gloves. Cuffed butyl rubber gloves. Nitrile rubber gloves. Polyvinyl chloride gloves. Rubber Gloves. The breakthrough time of the selected glove(s) must be greater than the intended use period. The selection of a specific glove for a particular application and duration of use in a workplace should also take into account all requisite workplace factors such as, but not limited to: Other chemicals which may be handled, physical requirements (cut/puncture protection, dexterity, thermal protection), as well as the instructions/specifications provided by the glove supplier.

Respiratory Protection: Goon industrial hygiene practices recommend that engineering controls such as local exhaust and/or mechanical ventilation be used to reduce environmental concentrations to the permissible exposure levels. Respirators may be used when the engineering and work practice controls are not technically feasible, when such controls are in the process of being installed, or when they fail and need to be supplemented. If the use of a respirator is necessary, use only a MSHA/OSHA approved air-supplied or an air purifying respirator.

Protective Clothing: Chemical resistant apron, coveralls and other impervious clothing

Work and Hygienic Practices: Provide readily accessible eye wash stations and safety showers. Wash at the end of each work shift and before eating, smoking or using the toilet. Promptly remove clothing that becomes contaminated.

9.0 PHYSICAL AND CHEMICAL PROPERTIES

9.1 Appearance (physical state, color, etc.): Mobile Liquid, White to Milky

9.2 Odor: Solvent

9.3 Odor threshold: N/A

9.4 pH: Not Applicable

9.5 Melting point/freezing point: Not Determined

9.6 Initial boiling point and boiling range: 158°C (318°F)

9.7 Flash Point: 39°C (103°F) Closed Cup

9.8 Evaporation rate: N/A

9.9 Flammability (solid, gas): N/A

9.10 Upper/lower flammability or explosive limits: UFL: 1% by volume; 6% by volume

9.11 Vapor pressure: 2 (Naptha)

9.12 Vapor Density: >1

9.13 Relative density (specific gravity): 0.79

9.14 Solubility(ies): Nil

9.15 Partition coefficient; n-octanol/water: N/A

9.16 Auto-ignition temperature: N/A

9.17 Decomposition temperature: N/A

9.18 Viscosity: N/A

9.19 Volatile Content: 80-90%

10.0 STABILITY AND REACTIVITY

10.1 Reactivity: N/A

10.2 Chemical stability: Stable under normal handling and storage conditions, see Section 7, Handling and Storage.

10.3 Possibility of hazardous reactions: Will not occur

10.4 Conditions to avoid: Keep away from strong oxidizers.

10.5 Incompatible materials: N/A

- 10.6 Hazardous decomposition products:** Hydrocarbon decomposition products and formaldehyde at elevated temperatures.
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11.0 TOXICOLOGICAL INFORMATION

- 11.1 Likely routes of exposure:** Eye Contact, Skin Contact, Ingestion, Inhalation, Skin Absorption
- 11.2 Symptoms related to the physical, chemical and toxicological characteristics:**
Eyes: Liquid product splashed in the eye will irritate the eye.
Skin: Prolonged or Repeated contact may defat skin which may cause irritation or dermatitis. Avoid skin contact.
Inhalation: Vapor concentration above the TLV may cause nasal and respiratory irritation, dizziness, weakness, fatigue, nausea, headache, and even asphyxiation (at extreme levels).
Ingestion: May cause irritation of the digestive tract, nausea, vomiting and diarrhea. If product is accidentally swallowed, do not induce vomiting because of the danger of aspiration of solvent into the lungs. Seek prompt medical attention.
Sensitization: Repeated and/or prolonged exposure may cause allergic reaction/sensitization
- 11.3 Delayed and immediate effects and also chronic effects from short and long term exposure:**
Carcinogen: This product contains no known or suspected human carcinogens in concentrations above 0.1%
Mutagen: This Product contains no known or suspected human mutagens in concentrations above 0.1%
Reproductive Hazard: This Product contains no known materials or materials suspected of causing human reproductive hazards.
- 11.4 Numerical measures of toxicity:**
This finished product has not been tested to determine individual toxicological/ecological limits. Individual components of this mixture have been independently tested by the raw material manufacturers and any known results have been presented below. The results for the individual components may not be representative of the toxicity of this finished product.
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12.0 ECOLOGICAL INFORMATION

- 12.1 Ecotoxicity:**
N/A
- 12.2 Persistence and degradability:**
This material contains substances that show little to no evidence of biodegradability. Great care should be taken to prevent release into the environment.
- 12.3 Bioaccumulative potential:** N/A
- 12.4 Mobility in soil:** N/A
- 12.5 Other adverse effects:** N/A
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13.0 DISPOSAL CONSIDERATIONS

- 13.1 Disposal methods:**
Preferred method of disposal includes incineration under controlled conditions in accordance with all local and national laws and regulations. The generation of waste should be avoided or minimized wherever possible. Untreated material is not suitable for disposal. Waste, even small quantities, should never be poured down drains, sewers or watercourses. Waste must be disposed of in accordance with federal, state and local environmental control regulations. This material does fall under current EPA RCRA definitions of hazardous waste with designation D001 because of its ignitability if the product is disposed of in its original form.
Contaminated packaging: Empty containers can only be disposed of when the remaining product adhering to the container walls has been removed. Hazard warning labels should be removed from the container walls.
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14.0 TRANSPORT INFORMATION

- 14.1 UN number:** UN-1993
- 14.2 UN proper shipping name:** Flammable Liquid, NOS (Naphtha Solvent)
- 14.3 Transport hazard class(es):** 3
- 14.4 Packing group, if applicable:** III, Marine Pollutant
- 14.5 Environmental hazards:** N/A
- 14.6 Transport in bulk:** N/A
- 14.7 Special precautions for user:** N/A
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15.0 REGULATORY INFORMATION

- 15.1 Safety, health and environmental regulations:**
Occupational Safety and Health Administration (OSHA) 29CFR 1910.1200 Hazardous Chemicals:
Yes
Superfund Amendments and Reauthorization act of 1986 (SARA)

Section 302, extremely hazardous substance: No

Section 311, Hazardous Chemical: Yes

Hazard Categories:

FIRE –Yes

Reactivity – No

Sudden release of pressure – No,

Immediate – Yes

Delayed – NO

Toxic Substance Control Act (TSCA)

This product is a mixture and is not listed in the TSCA Inventory. The individual ingredients in this product are listed in the inventory.

CERCLA (Superfund) Reportable Quantities

This product does not contain any CERCLA regulated materials.

CALIFORNIA PROPOSITION 65 SUBSTANCES (component(s) known to the State of California to cause cancer and/or reproductive toxicity and subject to warning and discharge requirements under the "Safe Drinking Water and Toxic Enforcement Act of 1986")

None

NEW JERSEY TRADE SECRET REGISTRY NUMBER(S)

None

CANADA REGULATIONS

WHMIS Classification: B3, D2B

This product has been classified in accordance with the hazard criteria of the CPR, and the MSDS contains all the information required by the CPR.

DSL: No

NDSL: No

WHMIS Symbol:



16.0 OTHER INFORMATION

16.1 Date of Preparation: 08/29/2011

To the best of our knowledge, the information contained herein is accurate. Final determination of the suitability of any material is the sole responsibility of the users. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards which exist.