

# Safety Data Sheet

GruberCare Mold Release Wax

SDS No. 20009.1

Date of Preparation: 7/17/15

Revision: 8/14/15

## Section 1 - Chemical Product and Company Identification

**Product/Chemical Name:** GruberCare Mold Release Wax

**General Use:** Mold release agent

**Manufacturer:** Marshall-Gruber Company, LLC  
A subsidiary of The R. J. Marshall Company  
220 Airport Drive  
Mansfield, TX 76063  
Phone: (682)422-9674, Fax: (682)518-9762

**Emergency Phone:** (800)424-9300

**Date Revised:** 8/14/15

**Preparer:** Stephanie Nichols

## Section 2 – Hazards Identification

**Classification of the chemical in accordance with paragraph (d) of 1910.1200:** Hazardous.

### GHS Classifications:

Flammable Solid Category 2

Aspiration Hazard Category 1

Skin Irritant Category 2

Eye Irritant Category 2

Acute Toxicity Category 4 (Inhalation)

Germ Cell Mutagenicity Category 1

Carcinogenicity Category 1

STOT RE Category 1 (CNS)

Aquatic Chronic 3

**Signal words:** Danger



### Symbol:

### Hazard statements:

H228: Flammable solid

H304: May be fatal if swallowed and enters airways.

H315: Causes skin irritation.

H319: Causes serious eye irritation.

H332: Harmful if inhaled.

H340: May cause genetic defects.

H350: May cause cancer.

H372: Causes damage to organs through prolonged or repeated exposure.

H412: Harmful to aquatic life with long lasting effects.

### Prevention statements:

P210: Keep away from heat/sparks/open flames/hot surfaces. No smoking.

P240: Ground/Bond container and receiving equipment.

P241: Use explosion-proof electrical/ventilating/lighting equipment.

P201: Obtain special instructions before use.

P202: Do not handle until all safety precautions have been read and understood.

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

P271: Use only outdoors or in a well ventilated area.

P265: Wash thoroughly after handling.

P270: do not eat, drink, or smoke when using this product.

P273: Avoid release to the environment.

### Response statements:

P301+P310: IF SWALLOWED: Immediately call a POISON CENTER/doctor.

P331: Do not induce vomiting.

P302+P352: IF ON SKIN: Wash with plenty of water.

P332+P313: If skin irritation occurs: Get medical advice/attention.

P362+P364: Take off contaminated clothing and wash it before reuse.

P305+P351PP338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P337+P313: If eye irritation persists: Get medical advice/attention.

P308+P313: IF exposed or concerned: Get medical advice/attention.

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

P391: Collect spillage.

**Storage statement:**

P405: Store locked up.

**Disposal statement:**

P501: Dispose of contents/container in accordance with local/regional/national/international regulations.

**EU Labeling and Classification:**

This product meets the definition of a hazardous substance or preparation as defined by the European Union Council Directives 67/548/EEC, 1999/45/EEC, 1272/2008/EC and subsequent Directives.

**EU Hazard Classification per Directive 1272/2008/EC:**

**Index Number:**

EC# 265-191-7 Annex VI Index #: 649-405-00-X

EC# 203-604-4 Annex VI Index #: 601-025-00-5

EC# 265-199-0 Annex VI Index #: 649-356-00-4

EC# 202-704-5 Annex VI Index #: 601-024-00-X

EC# 202-436-9 Annex VI Index #: 601-043-00-3

EC# 215-535-7 Annex VI Index #: 601-022-00-9

Hazards not otherwise classified: None

### Section 3 – Composition/Information on Ingredients

Chemical Name	CAS#	EINECS#	Weight %
Solvent Naphtha-medium and heavy aliphatic	64742-88-7/ 64742-96-7	265-191-7/ 265-200-4	5-65%
Solvent Naphtha-light	64742-95-6	265-199-0	<3.552%
1,2,4-trimehtylbenzene	95-63-6	202-436-9	<2.84%
Mesitylene	108-67-8	203-604-4	<0.71%
Cumene	98-82-8	202-704-5	<0.36%
Xylene	1330-20-7	215-535-7	<0.36%

Each of the other components is present in less than 1 percent concentration (0.1% concentration) for potential carcinogens, reproductive toxins, respiratory tract sensitizer, and mutagens.

### Section 4 - First Aid Measures

**Description of necessary measures, subdivided according to the different routes of exposure:**

**Inhalation:** Remove to fresh air. In the event of breathing difficulties, get medical advice/attention immediately.

**Eye Contact:** Flush eyes under gentle running water. Use sufficient force to open eyelids. Have victim “roll” eyes. Continue flushing for a minimum of 15 minutes. Remove contact lenses, if worn. Seek medical attention.

**Skin Contact:** Remove contaminated clothing. Wash skin thoroughly with plenty of soap and water. Consult a physician if irritation develops and persists. Wash contaminated clothing before using it again.

**Ingestion:** Call a physician or poison control center. Take a copy of the label and SDS with the victim to the health professional.

**Most important symptoms/effects, acute and delayed:** Persons with pre-existing skin disorders, eye problems, and impaired respiratory function may be more susceptible to the effects of the substance.

**Indication of immediate medical attention and special treatment needed:** Treat symptoms and eliminate overexposure.

## Section 5 - Fire-Fighting Measures

**Suitable Extinguishing Media:** Dry chemical, foam, carbon dioxide

**Unsuitable Extinguishing Media:** None known.

**Unusual Fire or Explosion Hazards:** None known.

**Explosion Sensitivity to Mechanical Impact:** Not Sensitive

**Explosion Sensitivity to Static Discharge:** Not Sensitive

**Fire-Fighting Instructions:** Incipient fire responders should wear eye protection. Structural firefighters must wear Self-Contained Breathing Apparatus (SCBA) and full protective equipment. Isolate materials not yet involved in the fire and protect personnel. Move containers from fire area if this can be done without risk; otherwise, cool with carefully applied water spray. If possible, prevent runoff water from entering storm drains, bodies of water, or other environmentally sensitive areas.

## Section 6 - Accidental Release Measures

**Personal precautions, protective equipment, and emergency procedures:** Remove all unnecessary personnel. Eliminate all sources of ignition. Wear appropriate protective equipment, including respiratory protection, as conditions warrant.

**Environmental precautions:** Prevent spilled material from entering sewers, storm drains, or other unauthorized treatment drainage systems, and natural waterways.

**Methods and materials for containment and cleaning up:** Absorb spill with inert material (e.g. vermiculite, sand, or earth), then place in suitable container.

## Section 7 - Handling and Storage

**Precautions for safe handling:** Do not eat, drink, or smoke during use. Wash thoroughly after handling.

**Conditions for safe storage, including any incompatibilities:** Protect from physical damage.

## Section 8 - Exposure Controls / Personal Protection

### Engineering Controls:

**Ventilation:** Provide general or local exhaust ventilation systems to maintain airborne concentrations below OSHA PELs. Local exhaust ventilation is preferred because it prevents contaminant dispersion into the work area by controlling it at its source.

### Administrative Controls:

#### Protective Clothing/Equipment:

**Hand protection:** Compatible protective gloves recommended. Wash hands after removing gloves. If necessary, refer to US OSHA 29CFR1910.138, the European Standard DIN EN 374, the appropriate Standards of Canada, Australia, or Japan.

**Body protection:** Use body protection appropriate for the task. Coveralls, rubber aprons, or chemical protective clothing made from natural rubber are generally acceptable, depending upon the task. If necessary, refer to appropriate Standards of Canada, EU, Australia, and Japan. If a hazard of injury to the feet exists due to falling objects, rolling objects, where objects may pierce the soles of the feet or where employee's feet may be exposed to electrical hazards, use foot protection as described in US OSHA 29CFR1910.136.

**Eye protection:** Splash goggles or safety glasses with side shields required to prevent eye contact. If necessary refer to US OSHA 29CFR1910.133, Canadian Standards, and European Standard EN166, Australian Standards, or relevant Japanese Standards.

**Respiratory protection:** Not normally required when working with this product. If exposure limits are exceeded, use only respiratory protection authorized in the US Federal OSHA Respiratory Protection Standard (29CFR1910.134), equivalent US State Standards, Canadian CSA Standard Z94.4-93, the European Standard EN149, or EU member states.

**Contaminated Equipment:** Separate contaminated work clothes from street clothes. Launder before reuse. Remove this material from your shoes and clean personal protective equipment.

**Comments:** Never eat, drink, or smoke in work areas. Practice good personal hygiene after using this material, especially before eating, drinking, smoking, using the toilet, or applying cosmetics.

Ingredient	OSHA PEL		ACGIH TLV	
	TWA	STEL	TWA	STEL
Solvent Naphtha (petroleum), medium and heavy aliphatics	100 ppm	None established	100 ppm	None established
Solvent Naphtha Light	100 ppm	None established	100 ppm	None established
1,2,4-trimethylbenzene	None established	None established	None established	None established
Mesitylene	None established	None established	None established	None established
Cumene	50 ppm 245 mg/m <sup>3</sup>	None established	50 ppm 245 mg/m <sup>3</sup>	None established
Xylene	100 ppm	None established	100 ppm	None established

## Section 9 - Physical and Chemical Properties

**Appearance:** yellow paste wax

**Odor:** slight hydrocarbon odor

**Odor Threshold:** not available

**pH:** not available

**Freezing/Melting Point:** not available

**Boiling Point:** 318-390°F (159-198°C)

**Flash Point:** 98°F (36.66°C)

**Flash Point Method:** not available

**Evaporation Rate:** 0.13

**Flammability:** Flammable

**Upper/lower flammability or explosive limits:**

(in air by volume, %) Lower: 1 Upper: 7

**Vapor Pressure:** 0.71 kPa

**Vapor Density (Air=1):** 4.1

**Relative Density:** 0.749

**Water Solubility:** insoluble

**Other Solubilities:** not available

**Partition coefficient: n-octanol/water;** not available

**Auto-ignition Temperature:** not established

**Decomposition Temperature:** not available

**Viscosity:** not applicable

**Calculated VOC:** 3.98 lbs/gal (477.5 g/l)

## Section 10 - Stability and Reactivity

**Reactivity:** None known.

**Chemical Stability:** This product is stable at room temperature in closed containers under normal storage and handling conditions.

**Possibility of hazardous reactions:** Will not occur

**Conditions to Avoid:** Excessive heat, open flame, and other sources of ignition, incompatible materials.

**Incompatible materials:** Avoid contact with strong oxidizing agents.

**Hazardous Decomposition Products:** Thermal decomposition may produce oxides of carbon.

## Section 11- Toxicological Information

**Information on the likely routes of exposure:** Skin, Eye, Inhalation, and Ingestion.

**Symptoms related to the physical, chemical, and toxicological characteristics:**

Eye: Contact may cause irritation to the eyes, resulting in redness or watering.

Skin: Repeated or prolonged exposure may cause skin irritation.

Ingestion: Aspiration hazard, may cause lung damage. Ingestion may cause gastrointestinal irritation with nausea and diarrhea.

Inhalation: None anticipated under normal conditions.

**Delayed and immediate effects and also chronic effects from short and long-term exposure:** See above.

**Numerical measures of toxicity:**

1,2,4-trimethylbenzene	95-63-6	LC <sub>50</sub> Inhalation-Rat	2900 ppm
Cumene	98-92-8	LD <sub>50</sub> Oral-Rat	2260 mg/kg
Xylene	1330-20-7	LD <sub>50</sub> Oral-Rat	2100 mg/kg

**Carcinogenicity:** Components of this product are listed as carcinogenic.

**Naphtha:** IARC: Group 1 carcinogenic to humans, NTP: known to be a human carcinogen. OSHA-not listed

**Cumene:** IARC: Group 2B possibly carcinogenic to humans. NTP, OSHA-not listed.

**Irritancy of product:** This product may be irritating to eyes and skin.

**Sensitization to the product:** None known.

**Reproductive toxicity:**

Mutagenicity: Components of this product are reported to produce mutagenic effects in humans.

Embryotoxicity: No embryotoxic effects in humans.

Teratogenicity: No teratogenic effects in humans.

Reproductive toxicity: The components of this product are reported to produce reproductive effects in humans.

## Section 12 - Ecological Information

**Eco-toxicity:**

1,2,4-trimehtylbenzene	95-63-6	LC <sub>50</sub> : 7.72 mg/l 96 hrs	Fathead minnow
Cumene	98-82-8	LC <sub>50</sub> : 4.8 mg/l 96 hrs	Rainbow trout
Mesitylene	108-67-8	LC <sub>50</sub> : 12.52 mg/l 96 hrs	Goldfish

**Persistence and degradability:** Possibly hazardous short term degradations products are not likely. However, long term degradation products may arise.

**Bio-accumulative potential:** information not available

**Mobility in soil:** information not available

**Other adverse effects:** Controls should be engineered to prevent release to the environment, including procedures to prevent spills, atmospheric release and release to waterways.

## Section 13 - Disposal Considerations

**Disposal:** Follow applicable Federal, state, and local regulations.

**EU Waste Code:** Not listed.

## Section 14 - Transport Information

**DOT Transportation Data (49 CFR 172.101):****Road and Rail Transport:**

**UN Number:** UN1325

**UN proper shipping name:** Flammable solid, n.o.s., (Contains Solvent Naphtha)

**Transport hazard classes:** Class 4.1

**Packaging group:** PGII

**Environmental hazards:** Components of this product are designated to be Marine Pollutants (49CFR172.101, Appendix B)

**Special precautions for user:** None

**International Air Transport Association (IATA):**

**UN Number:** UN1325

**UN proper shipping name:** Flammable solid, n.o.s., (Contains Solvent Naphtha)

**Transport hazard classes:** Class 4.1

**Packaging group:** PGII

**International Maritime Organization (IMO):**

**UN Number:** UN1325

**UN proper shipping name:** Flammable solid, n.o.s., (Contains Solvent Naphtha)

**Transport hazard classes:** Class 4.1

**Packaging group:** PGII

## Section 15 - Regulatory Information

**EPA Regulations:**

RCRA Hazardous Waste Number: Not listed (40 CFR 261.33)

RCRA Hazardous Waste Classification (40 CFR 261.??): Not classified

CERCLA Hazardous Substance (40 CFR 302.4)

Cumene: 5000 lbs

Xylene: 100 lbs

SARA Toxic Chemical Section 313(40 CFR 372.65):

1,2,4-trimethylbenzene-listed

Cumene-listed

Xylene-listed

SARA EHS Section 302(Extremely Hazardous Substance) (40 CFR 355): Not listed

SARA Hazardous Chemical Section 311/312: Acute Health: Yes, Chronic Health: No, Fire: No, Reactivity: No

**OSHA Regulations:**

Air Contaminant (29 CFR 1910.1000, Table Z-1, Z-1-A): Not listed

OSHA Specifically Regulated Substance (29CFR 1910.????)

California Proposition 65: This product contains components above the 0.1% level which is listed as a California Proposition 65 chemical: Cumene, Naphtha (contains benzene).

HMIS: Health: 2 Flammability: 1 Reactivity: 0

NFPA: Health: 2 Flammability: 2 Reactivity: 0

**Inventory Lists:** This product or its components are listed on the following inventory lists:

TSCA	Australia AICS	Canada DSL	Europe EINECS	Japan ENCS	Korea ECL	Asia-Pac	Philippines PICCS	Swiss Giftlist
Listed	Listed	Listed	Listed	Listed	Listed	Listed	Listed	Listed

Canadian Environmental Protection Act (CEPA) priorities substances lists: No component of this product in on the CEPA First Priorities Substances Lists.

EU Hazard Information: See Section 2.

Australia Standard for the Uniform Scheduling of Drugs and Poisons: Not applicable.

Japan: The components of this product are not listed as Class I specified chemical substances, Class II specified chemical substances, or designated chemical substances by the Japanese MITI.

## Section 16 - Other Information

**Prepared By:** Stephanie Nichols

**Revision Notes:** updated throughout

**Product Grades Available from the R. J. Marshall Company** (this list may be incomplete):

010629	010630
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