


1. Product and Company Identification
<div><b>Product Identification</b></div> <div>Foundry Mold Release 168</div>
<div><b>Product Code</b></div> <div>SSI-168</div>
<div><b>Use</b></div> <div>Release Agent</div>
<div><b>Company Name</b></div> <div>General Chemical Corp</div>
<div><b>Company Address</b></div> <div>12336 Emerson Dr Brighton MI 48116 USA</div>
<div><b>Contact Phone Number</b></div> <div>(248) 587-5600</div>
<div><b>Emergency Phone (Day or Night)</b></div> <div>(800) 424-9300</div>
<div><b>Number (Call Collect from Outside U.S.A)</b></div> <div>+1 703-527-3887</div>
2. Hazard Identification
<div><b>GHS Hazard Categories</b></div> <div><ul style="list-style-type: none"><li>Flammable Liq Cat 3</li><li>Hazard to aquatic environment, acute Cat 3</li><li>Hazard to aquatic environment, chronic Cat 3</li></ul></div>
2.2 GHS Label Elements
<div><b>GHS Signal Word</b></div> <div>Warning</div>
<div><b>GHS Pictogram</b></div> <div><ul style="list-style-type: none"><li>Flame</li></ul></div>

GHS Hazard Statements

- H226: Flammable liquid and vapour
- H402: Harmful to aquatic life
- H412: Harmful to aquatic life with long lasting effects

GHS Precautionary Statements

- P210: Keep away from heat/sparks/open flames/hot surfaces – No smoking
- P233: Keep container tightly closed
- P240: Ground/bond container and receiving equipment
- P241: Use explosion-proof electrical/ventilating/light/.../equipment
- P242: Use only non-sparking tools
- P243: Take precautionary measures against static discharge
- P273: Avoid release to the environment
- P280: Wear protective gloves/protective clothing/eye protection/face protection
- P303+361+353: IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower
- P370+378: In case of fire: Use foam or dry chemical for extinction
- P403: Store in a well ventilated place
- P501: Dispose of contents/container in accordance with local/regional/national regulations

3. Composition / Information on Ingredients

List

Chemical Name(s)	CAS Number	% Weight
Medium Aliphatic Solvent Naphtha (Petroleum)	64742-88-7	80 - < 90
"Siloxanes and Silicones, Di-Me"	63148-62-9	5 - < 10
Other components below reportable levels		1 - < 3

4. First Aid Measures

Inhalation

Move to fresh air. Call a physician if symptoms develop or persist.

Skin Contact

Take off immediately all contaminated clothing. Rinse skin with water/shower. Get medical attention if irritation develops and persists.

Eye Contact

Immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses, if present and easy to do. Get medical attention if irritation develops and persists.

Ingestion

Rinse mouth. Get medical attention if symptoms occur.

Most important symptoms/effects, acute and delayed: Direct contact with eyes may cause temporary irritation.

Indication of immediate medical attention and special treatment needed: Provide general supportive measures and treat symptomatically.

Thermal burns: Flush with water immediately. While flushing, remove clothes which do not adhere to affected area. Call an ambulance. Continue flushing during transport to hospital.

General information: Take off all contaminated clothing immediately. Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. Wash contaminated clothing before reuse.

**5. Firefighting Measures**

Suitable extinguishing media: Alcohol resistant foam. Water fog. Dry chemical powder. Carbon dioxide (CO2).

Unsuitable extinguishing media: Do not use water jet as an extinguisher, as this will spread the fire.

Specific hazards arising from the chemical: Vapors may form explosive mixtures with air. Vapors may travel considerable distance to a source of ignition and flash back. During fire, gases hazardous to health may be formed.

Special protective equipment and precautions for firefighters: Self-contained breathing apparatus and full protective clothing must be worn in case of fire.

Fire-fighting equipment/instructions: In case of fire and/or explosion do not breathe fumes. Move containers from fire area if you can do so without risk.

Specific methods: Use standard firefighting procedures and consider the hazards of other involved materials.

General fire hazards: Flammable liquid and vapor.

**6. Accidental Release Measures**

Personal precautions, protective equipment and emergency procedures: Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Keep out of low areas. Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Wear appropriate protective equipment and clothing during clean-up. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Ventilate closed spaces before entering them. Local authorities should be advised if significant spillages cannot be contained. For personal protection, see section 8 of the SDS.

Methods and materials for containment and cleaning up: Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Take precautionary measures against static discharge. Use only non-sparking tools. Keep combustibles (wood, paper, oil, etc.) away from spilled material. This product is miscible in water.

Large Spills: Stop the flow of material, if this is without risk. Dike the spilled material, where this is possible. Cover with plastic sheet to prevent spreading. Use a non-combustible material like vermiculite, sand or earth to soak up the product and place into a container for later disposal. Use water spray to reduce vapors or divert vapor cloud drift. Prevent entry into waterways, sewer, basements or confined areas. Following product recovery, flush area with water.

Small Spills: Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination.

Never return spills to original containers for re-use. For waste disposal, see section 13 of the SDS.
Environmental precautions: Avoid release to the environment. Contact local authorities in case of spillage to drain/aquatic environment. Prevent further leakage or spillage if safe to do so. Do not contaminate water. Avoid discharge into drains, water courses or onto the ground.
<b>7. Handling and Storage</b>
<b>7.1 Precautions for Safe Handling</b> Avoid contact with skin and eyes; wash thoroughly after handling. Avoid breathing vapor; use with adequate ventilation.
<b>7.2 Conditions for Safe Storage, Including Any Incompatibilities</b> Do not use aluminum or galvanized steel for pumping, storage, or transfer. Store in a dry location at room temperature. Keep container closed and maintain all original markings and labels.
<b>7.3 Specific End Use Considerations</b> 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 a
<p>Precautions for safe handling: Vapors may form explosive mixtures with air. Do not handle, store or open near an open flame, sources of heat or sources of ignition. Protect material from direct sunlight. Do not smoke. Take precautionary measures against static discharges. All equipment used when handling the product must be grounded. Use non-sparking tools and explosion-proof equipment. Provide adequate ventilation. Wear appropriate personal protective equipment. Observe good industrial hygiene practices. Avoid release to the environment. Do not empty into drains.</p> <p>Conditions for safe storage, including any incompatibilities: Keep away from heat, sparks and open flame. Prevent electrostatic charge build-up by using common bonding and grounding techniques. Store in original tightly closed container. Store in a cool, dry place out of direct sunlight. Store in a well-ventilated place. Refrigeration recommended. Store away from incompatible materials (see Section 10 of the SDS). Keep in an area equipped with sprinklers.</p>
<b>8. Exposure Control/Personal Protection</b>
<b>Appropriate Engineering Controls</b> Explosion-proof general and local exhaust ventilation.
<b>Eye Protection</b> Wear safety glasses with side shields (or goggles).
<b>Skin and Body Protection</b> Wear suitable protective clothing.
<b>Respiratory Protection</b> Respiratory protection is not normally required for general core room workers when sufficient ventilation is provided to consistently maintain exposures below acceptable exposure criteria. Periodic exposure monitoring should be conducted to ensure exposures remain below relevant criteria.
<b>Hand Protection</b>

Wear protective gloves.
<b>Hygiene Measures</b> When using do not smoke. Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants.
Thermal hazards: Wear appropriate thermal protective clothing, when necessary.
<b>9. Physical and Chemical Properties</b>
<b>Reactivity in Water</b> None
<b>Analytical VOC (EPA method 24)</b> N/E
<b>Appearance</b> Clear, colorless or blue liquid with a hydrocarbon odor
<b>Specific Gravity (H20=1)</b> 0.77-0.78
<b>% volatile by volume</b> 87-89
<b>% solid by weight</b> 11-13
<b>Weight per gallon</b> 6.4-6.5 lbs/gal
<b>Theoretical VOC</b> 5.5 -6.0 lbs/gal
<b>Odor</b> Hydrocarbon solvent-like
<b>Odor Threshold</b> Not available.
<b>pH</b> Not available.
<b>Melting Point</b> Not available.
<b>Freezing Point</b> Not available.

<b>Boiling Point</b> > 320 °F (> 160 °C)
<b>Flash Point</b> > 105.1 °F (> 40.6 °C) Tag Closed Cup
<b>Flammability (liquid)</b> Not available.
<b>Evap. Rate</b> Not available.
<b>Upper Explosive Limit</b> 7 % (V)
<b>Lower Explosive Limit</b> 1 % (V)
<b>Vapor Pressure</b> < 5 mm Hg
<b>Vapor Density</b> 5
<b>Water Solubility</b> Not Available
<b>Partition Coeff (Oct/Water LogPow)</b> Not Available
<b>Auto-Ignition Temp</b> Not Available
<b>Decomp Temp</b> Not Available
<b>Viscosity</b> Not Available
<b>10. Stability and Reactivity</b>
<b>10.1 Reactivity Information</b> Reactivity: The product is stable and non-reactive under normal conditions of use, storage and transport.
<b>Known Hazardous Reactions</b> Hazardous polymerization does not occur.
<b>Conditions to Avoid</b>

<p>Avoid heat, sparks, open flames and other ignition sources. Avoid temperatures exceeding the flash point. Contact with incompatible materials.</p>
<p><b>Incompatible Materials</b></p> <p>Strong oxidizing agents.</p>
<p><b>Hazardous Decomposition Products</b></p> <p>No hazardous decomposition products are known.</p>
<p><b>11. Toxicological Information</b></p>
<p><b>Carcinogenicity</b></p> <p>This product is not considered to be a carcinogen by IARC, ACGIH, NTP, or OSHA.</p>
<p>Information on likely routes of exposure:</p> <p>Ingestion: Expected to be a low ingestion hazard.</p> <p>Inhalation: No adverse effects due to inhalation are expected.</p> <p>Skin contact: No adverse effects due to skin contact are expected.</p> <p>Eye contact: Direct contact with eyes may cause temporary irritation.</p> <p>Symptoms related to the physical, chemical and toxicological characteristics: Direct contact with eyes may cause temporary irritation.</p> <p>Information on toxicological effects:</p> <p>Acute toxicity: Expected to be a low hazard for usual industrial or commercial handling by trained personnel.</p> <p>Skin corrosion/irritation: Prolonged skin contact may cause temporary irritation.</p> <p>Serious eye damage/eye irritation: Direct contact with eyes may cause temporary irritation.</p> <p>Respiratory or skin sensitization:</p> <p>Respiratory sensitization: Not available.</p> <p>Skin sensitization: This product is not expected to cause skin sensitization.</p> <p>Germ cell mutagenicity: No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.</p> <p>US. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050): Not listed.</p> <p>Reproductive toxicity: This product is not expected to cause reproductive or developmental effects.</p> <p>Specific target organ toxicity - single exposure: Not classified.</p> <p>Specific target organ toxicity - repeated exposure: Not classified.</p> <p>Aspiration hazard: Not available.</p>
<p><b>12. Ecological Information</b></p>
<p>Ecotoxicity: Harmful to aquatic life with long lasting effects. Accumulation in aquatic organisms is expected.</p>

<p>Persistence and degradability: No data is available on the degradability of this product.</p> <p>Bioaccumulative potential: No data available.</p> <p>Mobility in soil: No data available.</p> <p>Other adverse effects: No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this component.</p>
<b>13. Disposal Considerations</b>
<p><b>13.1 Waste Treatment Methods</b></p> <p>Hazardous waste code: The waste code should be assigned in discussion between the user, the producer and the waste disposal company.</p>
<p><b>Product Disposal Considerations:</b></p> <p>Collect and reclaim or dispose in sealed containers at licensed waste disposal site. This material and its container must be disposed of as hazardous waste. Do not allow this material to drain into sewers/water supplies. Do not contaminate ponds, waterways or ditches with chemical or used container. Dispose of contents/container in accordance with local/regional/national/international regulations.</p>
<p><b>Packaging Disposal Considerations:</b></p> <p>Empty containers should be taken to an approved waste handling site for recycling or disposal. Since emptied containers may retain product residue, follow label warnings even after container is emptied.</p>
<p><b>Miscellaneous Advice:</b></p> <p>Dispose of in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner (see: Disposal instructions).</p>
<b>14. Transportation Information</b>
<p>Domestic ground non-bulk: NOT REGULATED</p> <p>Domestic ground bulk: UN1268, PETROLEUM DISTILLATES, N.O.S., COMBUSTIBLE LIQUID, PG III</p> <p>International: UN1268, PETROLEUM DISTILLATES, N.O.S., 3, PG III</p>
<b>15. Regulatory Information</b>
<p><b>SARA 311/312:</b></p> <p>No</p>
<p><b>Federal and State Regulations:</b></p> <p>This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200. All components are on the U.S. EPA TSCA Inventory List.</p>
<p><b>HMIS-Health:</b></p> <p>1</p>
<p><b>HMIS-Fire:</b></p> <p>2</p>



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CERCLA Hazardous Substance List (40 CFR 302.4): Not listed.

SARA 304 Emergency release notification: Not regulated.

US. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050): Not listed.

SARA 311/312 Hazardous chemical: No

SARA 313 (TRI reporting): Not regulated.

12/07/2023

7/10/2018

## General Chemical Corp

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

HEALTH	1
FIRE	2
REACTIVITY	0
PPE	0

