

# Safety Data Sheet

## 3218 TraSys® Solvent Mold Release

# Stoner

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### 1. IDENTIFICATION

Stoner Incorporated  
1070 Robert Fulton Hwy.  
Quarryville, PA 17566  
1-800-227-5538

Product Name: TraSys® Solvent Mold Release  
Product Code: 3218  
Product Use: Mold Release  
24-hour emergency phone: 1-800-424-9300 [CHEMTREC]

### 2. HAZARD IDENTIFICATION

#### POTENTIAL HEALTH EFFECTS

Classification of the chemical in accordance with paragraph (d) of §1910.1200;

GHS Hazard  
Symbols



#### GHS Classification

Aspiration Hazard Category 1  
Flammable Liquid Category 2  
Skin Corrosion/Irritation Category 2  
Serious Eye Damage/Eye Irritation Category 2A  
Acute Toxicity - Inhalation Vapour Category 3  
Specific Target Organ Systemic Toxicity (STOT) - Single Exposure Category 3

#### Signal Word

Danger

#### Hazard Statements

Highly flammable liquid and vapour.  
May be fatal if swallowed and enters airways.  
Causes skin irritation.  
Causes serious eye irritation.  
Toxic if inhaled.  
May cause respiratory irritation.  
May cause drowsiness or dizziness.

#### Precautionary Statements

##### 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.  
Avoid breathing dust/fume/gas/mist/vapours/spray.  
Wash thoroughly after handling.  
Use only outdoors or in a well-ventilated area.  
Wear protective gloves/protective clothing/eye protection/face protection.

##### Response

IF SWALLOWED: Immediately call a POISON CENTER/doctor/....  
IF ON SKIN: Wash with plenty of soap and water.  
IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.  
IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.  
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
Call a POISON CENTER or doctor/physician if you feel unwell.  
Specific treatment (see ... on this label).  
Do NOT induce vomiting.  
If skin irritation occurs: Get medical advice/attention.  
If eye irritation persists: Get medical advice/attention.  
In case of fire: Use ... to extinguish.

##### Storage

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

**3. COMPOSITION/INFORMATION ON INGREDIENTS**

| <b>COMPONENT</b>               | <b>CAS #</b> | <b>Percent</b> |
|--------------------------------|--------------|----------------|
| Dimethyl carbinol              | 67-63-0      | 50-70          |
| Hydrotreated light distillates | 68410-97-9   | 20 - 40        |

**HMIS® III\* HAZARDOUS WARNINGS:**

|           |                 |             |                                |               |
|-----------|-----------------|-------------|--------------------------------|---------------|
| Health: 2 | Flammability: 3 | Physical: 0 | Personal Protective Equipment: | See Section 8 |
|-----------|-----------------|-------------|--------------------------------|---------------|

\* See [www.paint.org/hmis](http://www.paint.org/hmis) or call the NPCA at 1 (202) 462-6272 for more information on this current rating system.

**4. FIRST AID MEASURES**

|               |   |
|---------------|---|
| Eyes:         | Immediately flush eyes gently with plenty of water for at least 15 minutes while holding eyelids apart. If symptoms persist or there is visual difficulty, seek medical attention.  |
| Skin Contact: | In case of contact, immediately wash contaminated area with plenty of water for at least 15 minutes. Seek medical attention if symptoms persist. Wash clothing before reuse.  |
| Ingestion:    | Do not induce vomiting. Aspiration into the lungs can cause serious damage. Contact a physician, medical facility, or poison control center immediately. If vomiting occurs spontaneously, keep head below hips to prevent aspiration of liquid into lungs. |
| Inhalation:   | Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Keep the victim warm and quiet. Seek immediate medical attention.   |

**NOTES TO PHYSICIAN:**

This material is an aspiration hazard. Potential danger from aspiration must be weighed against possible oral toxicity when deciding whether to induce vomiting. Activated charcoal mixture may be beneficial. Preexisting disorders of the following organs (or organ systems) may be aggravated by exposure to this material: skin; lung (for example, asthma-like conditions); kidney; liver;

**5. FIRE FIGHTING MEASURES**

|                                |  |
|--------------------------------|--|
| Fire and/or Explosion Hazards: | This product contains a component(s) that is considered a flammable liquid, which has vapors that are heavier than air and may travel along the ground or be moved by ventilation and ignited by heat, pilot lights, or other flames and ignition sources at locations distant from the material's handling point. |
| Fire Fighting Instructions:    | Use water spray, foam, dry chemical, or CO2. Water is generally not effective and may spread fire; however, water spray may be used from a safe distance to cool closed containers and protect surrounding area.   |

**6. ACCIDENTAL RELEASE MEASURES****STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED:**

Remove all sources of ignition. Wear appropriate personal protective equipment (PPE). Stop or reduce discharge if it can be done safely. Ventilate contaminated area. Avoid run-off into storm sewers and ditches which may lead to natural waterways. If runoff occurs, notify authorities as required. Clean up with absorbent material. Place absorbent materials into container and close it tightly. Dispose of container properly.

**7. HANDLING AND STORAGE**

|           |  |
|-----------|--|
| Handling: | Do not use near ignition sources. Use with adequate ventilation. If ventilation is not sufficient, wear proper respiratory equipment. Avoid prolonged or repeated contact with skin. Avoid prolonged or repeated breathing of vapor. Do not store containers in excessive heat or direct sunlight. Protect container against physical damage. Normal precautions common to safe manufacturing practice should be followed in handling and storage. Do not use near ignition sources. Wash hands thoroughly after handling. Fluorotelomers should not be handled around food, drink or tobacco products. Inhalation of vapors in the presence of tobacco products may cause polymer fume fever (see Sec. 10). |
| Storage:  | Keep container tightly closed when not in use. Empty container may contain residues which are hazardous. Store in a cool, dry, well ventilated area away from all sources of ignition. Do not store at temperatures above 120 degrees F.   |

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

|                         |   |
|-------------------------|---|
| Engineering Controls:   | Ventilation should be adequate to prevent exposures above the limits indicated below in this section of the MSDS (from known, suspected or apparent adverse effects). Local exhaust should be used in areas where exposure limits may be exceeded.  |
| Eye Protection:         | Wear chemically resistant safety glasses with side shields when handling this product. Wear additional eye protection such as chemical splash goggles and/or face shield when the possibility exists for eye contact with splashing or spraying liquid or airborne material. Have an eye wash station available. Wear chemically resistant safety glasses with side shields when handling this product. Wear additional eye protection such as chemical splash goggles and/or face shield when the possibility exists for eye contact with splashing or spraying liquid or airborne material. Do not wear contact lenses. Have an eye wash station available. |
| Skin Protection:        | The use of chemically resistant gloves is recommended if there is any possibility of prolonged or repeated liquid contact with skin.  |
| Respiratory Protection: | A supplied air respirator should be used if ventilation is not sufficient to maintain exposure limits. Use NIOSH approved respirator where there is likelihood of inhalation of the product mist, spray or aerosol.   |

| <b>COMPONENT</b>               | <b>CAS #</b> | <b>ACGIH TLV</b> | <b>OSHA PEL</b> | <b>OTHER</b>    |
|--------------------------------|--------------|------------------|-----------------|-----------------|
| Dimethyl carbinol              | 67-63-0      | 400 ppm          | 400 ppm         | 500 ppm STEL    |
| Hydrotreated light distillates | 68410-97-9   | Not established  | Not established | Not established |

## 9. PHYSICAL AND CHEMICAL PROPERTIES

|                              |                   |                                       |                   |
|------------------------------|-------------------|---------------------------------------|-------------------|
| Physical State:              | Bulk liquid       | Lower Flammability Limit (%):         | 2                 |
| Appearance:                  | Translucent white | Upper Flammability Limit (%):         | 12.7              |
| Odor:                        | Alcohol           | Vapor Pressure (PSIG @ 70°F):         | 0.64              |
| Odor Threshold:              | Mild              | Vapor Density [air = 1]:              | 2.070000          |
| pH:                          | Not applicable    | Relative Density (H2O=1):             | 0.84              |
| Melting/Freezing Point (°F): | No data available | Solubility in Water:                  | Not determined    |
| Boiling Point (°F):          | No data available | Partial Coefficient: n-octanol/water: | No data available |
| Flash Point (°F PMCC):       | 53.6              | Autoignition Temperature (°F):        | 748               |
| Evaporation Rate:            | Not determined    | Decomposition Temperature (°F):       | No data available |
| Flammability (solid, gas):   | No data available | Viscosity, dynamic (cSt):             | No data available |
| Percent VOCs (%):            | 50-70             |                                       |                   |

## 10. STABILITY AND REACTION

|                         |   |
|-------------------------|---|
| Chemical Stability:     | Stable.   |
| Conditions to Avoid:    | Avoid contact with: Ignition sources such as open flames, sparks, static discharges or glowing metal surfaces. Acetaldehyde. Acids. Chlorine. Ethylene oxide. Isocyanates. Strong oxidizing agents. Aldehydes. Amines. Ammonia. Halogens. Halogen compounds.  |
| Decomposition Products: | Burning can produce the following combustion products: Carbon dioxide and carbon monoxide. Inhalation of fluorine compounds released as decomposition products above 554° F may cause lung irritation and pulmonary edema which require medical treatment. Inhalation of decomposition products of fluorotelomer compounds may cause polymer fume fever, a temporary flu-like illness, which is accompanied by fever, chills, and sometimes cough. Symptoms usually last approximately 24 hours. Repeated episodes of polymer fume fever may cause lung damage. |

## 11. TOXICOLOGICAL INFORMATION

|  |  |
|--|--|
| Dermal Toxicity:                       | Not irritating to skin.  |
| Inhalation Toxicity:                   | High concentrations may cause central nervous system depression resulting in headaches, dizziness and nausea; continued inhalation may result in unconsciousness and/or death. |
| Reproductive & Developmental Toxicity: | No data available.   |

| <b>Ingredient</b> | <b>CAS #</b> | <b>Toxicological Data</b>  |
|-------------------|--------------|--|
| Dimethyl carbinol | 67-63-0      | Dermal LD50 Rabbit > 12800 mg/kg<br>Oral LD50 Rat = 5000 mg/kg<br>Inhalation LC50 (4h) Rat > 40 mg/L |

## 12. ECOLOGICAL INFORMATION

|                      |   |
|----------------------|---|
| Ecological Toxicity: | No data available   |
| Mobility:            | No data available This material (or one of its components), dissolves in water. If it enters the soil, it will be highly mobile and may contaminate ground water. |

| <b>Ingredient</b> | <b>CAS #</b> | <b>Toxicological Data</b>   |
|-------------------|--------------|---|
| Dimethyl carbinol | 67-63-0      | Aquatic LC50 (96h) MINNOW = 9640 mg/L<br>24HR EC50 Daphnia > 10000 mg/L |

## 13. DISPOSAL CONSIDERATIONS

Disposal : Dispose according to Federal, State and local regulations.

#### 14. TRANSPORTATION INFORMATION

| Agency | UN Number | Proper Shipping name   | Hazard Class | Packing Group |
|--------|-----------|--|--------------|---------------|
| DOT    | UN1993    | Flammable Liquids, n.o.s.(Isopropanol,Petroleum distillates) | 3            | II            |
| IATA   | UN1993    | Flammable Liquids, n.o.s.(Isopropanol,Petroleum distillates) | 3            | II            |
| IMDG   | UN1993    | Flammable Liquids, n.o.s.(Isopropanol,Petroleum distillates) | 3            | II            |

#### 15. REGULATORY INFORMATION

Warning: This product contains the following chemicals that are subject to reporting requirements for the following regulatory bodies listed below:

| COMPONENT                             | CAS # | % BY WEIGHT | Regulatory Body  |
|---------------------------------------|-------|-------------|------------------|
| No components listed in this section. |       |             | SARA Section 313 |

Warning: This product may contain chemicals known to the State of California to cause cancer. See list below.

|                                       |               |
|---------------------------------------|---------------|
| No components listed in this section. | Prop65 Cancer |
|---------------------------------------|---------------|

Warning: This product may contain chemicals known to the State of California to cause birth defects. See list below.

|                                       |                      |
|---------------------------------------|----------------------|
| No components listed in this section. | Prop65 Birth Defects |
|---------------------------------------|----------------------|

All components of this product are listed on the TSCA inventory.

#### 16. OTHER INFORMATION

Other Information : MSDS Prepared by L. Dean Swartz, MSDS Coordinator

Version Date: 09/28/15

**This information contained in this MSDS is believed to be accurate as of the version date, but is not warranted to be. Since the use of this information and the conditions of use of this product are not within the control of Stoner Inc, it is the user's obligation to determine the conditions of safe use.**