

# Safety Data Sheet

## 423 TraSys® 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® Mold Release  
Product Code: 423  
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

Serious Eye Damage/Eye Irritation Category 1  
Skin Sensitisation Category 1  
Reproductive Toxicity Category 2  
Hazardous to the aquatic environment - Acute Category 3

#### Signal Word

Danger

#### Hazard Statements

May cause an allergic skin reaction.  
Causes serious eye damage.  
Suspected of damaging fertility or the unborn child.  
Harmful to aquatic life.

#### Precautionary Statements

##### Prevention

Obtain special instructions before use.  
Do not handle until all safety precautions have been read and understood.  
Avoid breathing dust/fume/gas/mist/vapours/spray.  
Contaminated work clothing should not be allowed out of the workplace.  
Avoid release to the environment.  
Wear protective gloves/protective clothing/eye protection/face protection.  
Use personal protective equipment as required.

##### Response

IF ON SKIN: Wash with plenty of soap and water.  
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
IF exposed or concerned: Get medical advice/attention.  
Immediately call a POISON CENTER/doctor/....  
Specific treatment (see ... on this label).  
If skin irritation or rash occurs: Get medical advice/attention.  
Wash contaminated clothing before reuse.

##### Storage

Store locked up.

##### Disposal

Dispose of contents/container in accordance with local/regional/national/international regulation for hazardous wastes.

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

COMPONENT	CAS #	Percent
Fluorocarbon dispersion	Mixture	1-20
Silicone emulsion	Mixture	1-20

Fluorocarbon dispersion	Mixture	1-20
Polyethylene oxide	25322-68-3	0.1- 0.99
Ethylene oxide	75-21-8	0.00001- 0.0001

**HMIS® III\* HAZARDOUS WARNINGS:**

Health: 2	Flammability: 1	Physical: 0	Personal Protective Equipment:	See Section 8
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\* 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. Wash the contaminated skin with soap and water.

**Ingestion:** Do not induce vomiting.

**Inhalation:** Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen.

**NOTES TO PHYSICIAN:**  
Treatment is symptomatic and supportive.

**5. FIRE FIGHTING MEASURES**

**Fire and/or Explosion Hazards:** Product is predominately water, and is not flammable. The solid ingredients are difficult to ignite.

**Fire Fighting Instructions:** Use water spray, foam, dry chemical, or CO2. Fire fighters should wear normal protective equipment and positive-pressure self-contained breathing apparatus.

**6. ACCIDENTAL RELEASE MEASURES**

**STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED:**  
Wear appropriate personal protective equipment (PPE). Stop or reduce discharge if it can be done safely. Avoid run-off into storm sewers and ditches which may lead to natural waterways. Clean up with absorbent material. Place absorbent materials into container and close it tightly. Dispose of container properly. Avoid generation of dust. Place waste material into container and close it tightly. Dispose of container properly.

**7. HANDLING AND STORAGE**

**Handling:** Avoid prolonged or repeated breathing of vapor. Avoid prolonged or repeated contact with skin. Use with adequate ventilation. Wash hands thoroughly after handling. Smoking while using this product can result in contamination of the tobacco and/or smoke and lead to the formation of hazardous decomposition products. Avoid breathing dust. Avoid getting in eyes and skin. 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). Normal precautions common to safe manufacturing practice should be followed in handling and storage. Avoid contact with eyes. Avoid generation of dust. Good housekeeping and controlling dust are necessary for safe handling of dust.

**Storage:** Keep container tightly closed when not in use. Store in a cool, dry, well ventilated area away from all sources of ignition. Store away from incompatible materials such as materials that support combustion (oxidizing materials) and corrosive materials (strong acids or bases). Normal precautions common to safe manufacturing practice should be followed in handling and storage.

**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.

**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:** Use NIOSH approved respirator where there is likelihood of inhalation of the product mist, spray or aerosol. The use of a nuisance dust mask is recommended for prolonged or repeated use.

<b>COMPONENT</b>	<b>CAS #</b>	<b>ACGIH TLV</b>	<b>OSHA PEL</b>	<b>OTHER</b>
Fluorocarbon dispersion	Mixture	3 mg/m3 Respirable	5 mg/m3 Respirable	Not established
Silicone emulsion	Mixture	Not established	Not established	Not established
Fluorocarbon dispersion	Mixture	3 mg/m3 TWA Respirable particles	15 mg/m3 TWA Total dust	Not established
Polyethylene oxide	25322-68-3	10 mg/m3 (TWA 8hrs.)	Not established	Not established
Ethylene oxide	75-21-8	Not established	Not established	Not established

## 9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State:	Bulk liquid	Lower Flammability Limit (%):	Not applicable
Appearance:	White	Upper Flammability Limit (%):	Not applicable
Odor:	Characteristic	Vapor Pressure (PSIG @ 70°F):	0.36
Odor Threshold:	Slight	Vapor Density [air = 1]:	1.00
pH:	Not applicable	Relative Density (H2O=1):	1.1
Melting/Freezing Point (°F):	32	Solubility in Water:	Not determined
Boiling Point (°F):	212	Partial Coefficient: n-octanol/water:	No data available
Flash Point (°F PMCC):	420.8	Autoignition Temperature (°F):	968
Evaporation Rate:	<0.020 (n-Butyl acetate = 1)	Decomposition Temperature (°F):	No data available
Flammability (solid, gas):	No data available	Viscosity, dynamic (cSt):	No data available
Percent VOCs (%):	< 0.0001		

## 10. STABILITY AND REACTION

Chemical Stability:	Stable.
Conditions to Avoid:	Avoid contact with: Strong oxidizing agents. Alkaline earth metals. Halogen compounds. Peroxides. Nitrates. Perchlorates. Reactive metals. Strong acids. Strong bases.
Decomposition Products:	Burning can produce the following combustion products: Fluorinated hydrocarbons. Carbonyl fluoride. Hydrogen fluoride. 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. Carbon dioxide and carbon monoxide. Alcohols. Ethers. Ketones. Various hydrocarbons.

## 11. TOXICOLOGICAL INFORMATION

Reproductive & Developmental Toxicity: No data available.

Ingredient	CAS #	Toxicological Data
Fluorocarbon dispersion	Mixture	Dermal LD50 Rabbit 2000 - 5000 mg/kg Oral LD50 Rat 1100 mg/kg
Polyethylene oxide	25322-68-3	Dermal LD50 Rabbit > 5000 mg/kg Oral LD50 Rat > 4000 mg/kg
Diethanolamine	111-42-2	Dermal LD50 Rabbit = 8 ml/kg Oral LD50 Rat = 1 ml/kg

## 12. ECOLOGICAL INFORMATION

Ecological Toxicity: No data available  
Mobility: No data available  
Degradability: Readily biodegradable.

Ingredient	CAS #	Toxicological Data
Fluorocarbon dispersion	Mixture	Aquatic LC50 (96h) MINNOW 8.5 - 11 mg/L 48HR EC50 Daphnia 2.7 - 12 mg/L
Polyvinyl alcohol	Mixture	Aquatic LC50 (96h) Bl gill 10000 mg/L 48HR EC50 Daphnia 8300 mg/L
Polyethylene oxide	25322-68-3	Aquatic LC50 (96h) MINNOW > 1000 mg/L Aquatic LC50 (48h) Daphnia > 100 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		Not regulated by agency		
IATA		Not regulated by agency		
IMDG		Not regulated by agency		

## 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
Diethanolamine	111-42-2	0.0001- 0.001	SARA Section 313

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

Tetrafluoroethylene		1-20	Prop65 Cancer
Diethanolamine	111-42-2	0.0001- 0.001	Prop65 Cancer
Ethylene oxide	75-21-8	0.00001- 0.0001	Prop65 Cancer

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

Ethylene oxide	75-21-8	0.00001- 0.0001	Prop65 Birth Defects
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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: 07/16/15

**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.**