

# Safety Data Sheet

## B510 PolyOff™ Mold and Tool Cleaner

# Stoner

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### 1. IDENTIFICATION

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

Product Name: PolyOff™ Mold and Tool Cleaner  
Product Code: B510  
Product Use: Mold & Tool Cleaner  
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

Skin Sensitisation Category 1  
Reproductive Toxicity Category 1B  
Aspiration Hazard Category 1  
Skin Corrosion/Irritation Category 2  
Serious Eye Damage/Eye Irritation Category 2A  
Carcinogenicity Category 2  
Specific Target Organ Systemic Toxicity (STOT) - Repeated Exposure Category 2  
Hazardous to the aquatic environment - Acute Category 2  
Hazardous to the aquatic environment - Chronic Category 2  
Flammable Liquid Category 3  
Specific Target Organ Systemic Toxicity (STOT) - Single Exposure Category 3  
Acute Toxicity - Inhalation Dust / Mist Category 4

#### Signal Word

Danger

#### Hazard Statements

Flammable liquid and vapour.  
May be fatal if swallowed and enters airways.  
Causes skin irritation.  
May cause an allergic skin reaction.  
Causes serious eye irritation.  
Harmful if inhaled.  
May cause respiratory irritation.  
Suspected of causing cancer.  
May damage fertility or the unborn child.  
May cause damage to organs through prolonged or repeated exposure.  
Toxic to aquatic life..  
Toxic to aquatic life with long lasting effects.

#### Precautionary Statements

##### Prevention

Obtain special instructions before use.  
Do not handle until all safety precautions have been read and understood.  
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.  
Do not breathe dust/fume/gas/mist/vapours/spray.  
Avoid breathing dust/fume/gas/mist/vapours/spray.  
Wash thoroughly after handling.  
Use only outdoors or in a well-ventilated area.  
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 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.  
 IF exposed or concerned: Get medical advice/attention.  
 Call a POISON CENTER or doctor/physician if you feel unwell.  
 Get medical advice/attention if you feel unwell.  
 Specific treatment (see ... on this label).  
 Do NOT induce vomiting.  
 If skin irritation occurs: Get medical advice/attention.  
 If skin irritation or rash occurs: Get medical advice/attention.  
 If eye irritation persists: Get medical advice/attention.  
 Take off contaminated clothing and wash before reuse.  
 Wash contaminated clothing before reuse.  
 In case of fire: Use ... to extinguish.  
 Collect spillage.

**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.

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

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

COMPONENT	CAS #	Percent
Amide ester	872-50-4	20 - 40
Petroleum distillates	8052-41-3	20 - 40
Xylene	1330-20-7	20 - 40
Citrus distillates	5989-27-5	1-20

HMIS® III\* HAZARDOUS WARNINGS:

Health: 2	Flammability: 3	Physical: 0	Personal Protective Equipment: See Section 8
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\* See 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:** 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. Do not induce vomiting. Aspiration into the lungs can cause serious damage. Have victim drink 8 to 10 ounces of water to dilute the material in the stomach.

**Inhalation:** Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Seek immediate medical attention. Keep the victim warm and quiet.

NOTES TO PHYSICIAN:

This material is an aspiration hazard. Treatment is symptomatic and supportive. Preexisting disorders of the following organs (or organ systems) may be aggravated by exposure to this material: skin; lung (for example, asthma-like conditions); blood forming system; kidney; auditory system; arrhythmias (irregular heartbeats);

### 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. Vapors are heavier than air and may accumulate in low areas. "Empty" containers retain product residue and can be dangerous.

**Fire Fighting Instructions:** Use CO2, foam or dry chemical. 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. Do not direct a solid stream of water or foam into hot burning pools, this may cause frothing and increase fire intensity.

## 6. ACCIDENTAL RELEASE MEASURES

### STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED:

Remove all sources of ignition. Ventilate contaminated area. 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. If runoff occurs, notify authorities as required. Wear appropriate clothing.

## 7. HANDLING AND STORAGE

**Handling:** Avoid prolonged or repeated breathing of vapor. Avoid prolonged or repeated contact with skin. Use with adequate ventilation. Do not use near ignition sources. Wear proper protective equipment. This material, being heavier than air, tends to accumulate near the floor of an enclosed space displacing the air upward and creates an oxygen-deficient atmosphere.

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

## 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).

**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. 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:** Use NIOSH approved respirator where there is likelihood of inhalation of the product mist, spray or aerosol. A supplied air respirator should be used if ventilation is not sufficient to maintain exposure limits. Where concentrations are above recommended limits as determined by air sampling or are unknown, appropriate respiratory protection should be worn. Follow OSHA respirator regulations and use NIOSH/MSHA approved respirators.

<b>COMPONENT</b>	<b>CAS #</b>	<b>ACGIH TLV</b>	<b>OSHA PEL</b>	<b>OTHER</b>
Amide ester	872-50-4	Not established	Not established	Not established
Petroleum distillates	8052-41-3	100 ppm TWA	500 ppm	Not established
Xylene	1330-20-7	Not established	Not established	100ppm
Citrus distillates	5989-27-5	Not established	Not established	FDA-GRAS

## 9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State:	Bulk liquid	Lower Flammability Limit (%):	0.7
Appearance:	Colorless to pale yellow	Upper Flammability Limit (%):	9.5
Odor:	Amine	Vapor Pressure (PSIG @ 70°F):	0.01
Odor Threshold:	Moderate	Vapor Density [air = 1]:	3.99
pH:	Not applicable	Relative Density (H <sub>2</sub> O=1):	0.91
Melting/Freezing Point (°F):	No data available	Solubility in Water:	Low; 10-49%
Boiling Point (°F):	No data available	Partial Coefficient: n-octanol/water:	No data available
Flash Point (°F PMCC):	80.6	Autoignition Temperature (°F):	450
Evaporation Rate:	0.1-0.5 (n-Butyl acetate = 1)	Decomposition Temperature (°F):	No data available
Flammability (solid, gas):	No data available	Viscosity, dynamic (cSt):	No data available
Percent VOCs (%):	80 - 100		

## 10. STABILITY AND REACTION

**Chemical Stability:** Stable.

**Conditions to Avoid:** Avoid contact with: Reducing agents. Strong alkalis. Strong mineral acids. Strong oxidizing agents. Ignition sources such as open flames, sparks, static discharges or glowing metal surfaces. Strong acids. Alkaline earth metals.

**Decomposition Products:** Burning can produce the following combustion products: Carbon dioxide and carbon monoxide. Nitrogen compounds. Various hydrocarbons.

## 11. TOXICOLOGICAL INFORMATION

**Reproductive & Developmental Toxicity:** No data available.

<b>Ingredient</b>	<b>CAS #</b>	<b>Toxicological Data</b>
Petroleum distillates	8052-41-3	Dermal LD50 Rabbit > 3 g/kg Oral LD50 Rat > 5 g/kg
Xylenes	1330-20-7	Dermal LD50 Rabbit > 2000 mg/kg Oral LD50 Rat = 5000 mg/kg
Citrus distillates	5989-27-5	Dermal LD50 Rabbit = 5 g/kg Oral LD50 Rat > 5 g/kg

## 12. ECOLOGICAL INFORMATION

Ecological Toxicity: Severe ecological hazard. This product may be toxic to plants and/or wildlife.  
Mobility: No data available

Ingredient	CAS #	Toxicological Data
Xylene	1330-20-7	Aquatic LC50 (96h) MINNOW 24 - 30 mg/L Aquatic LC50 (24h) Daphnia 100 - 1000 mg/L
Citrus distillates	5989-27-5	Aquatic LC50 (96h) MINNOW 1 - 1 mg/L 48HR EC50 Daphnia = 70 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	UN2319	Terpene hydrocarbons, n.o.s.	3	III
IATA	UN2319	Terpene hydrocarbons, n.o.s.	3	III
IMDG	UN2319	Terpene hydrocarbons, n.o.s.	3	III

## 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
Xylene	1330-20-7	20 - 40	SARA Section 313
Ethyl benzene	100-41-4	1-20	SARA Section 313

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

Ethyl benzene	100-41-4	1-20	Prop65 Cancer
Benzene	71-43-2	0.01 - 0.1	Prop65 Cancer

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

Amide ester	872-50-4	20 - 40	Prop65 Birth Defects
Toluene	108-88-3	0.1 - 0.99	Prop65 Birth Defects
Benzene	71-43-2	0.01 - 0.1	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: 08/10/15

**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.**