

# Material Safety Data Sheet

## B251 Citrus Pattern Wash

# Stoner

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### 1. IDENTIFICATION

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

Product Name: Citrus Pattern Wash  
Product Code: B251  
Product Use: Solvent  
Cleaner/ Degreaser  
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  
Skin Corrosion/Irritation Category 2  
Hazardous to the aquatic environment - Acute Category 2  
Hazardous to the aquatic environment - Chronic Category 2  
Flammable Liquid Category 3

#### Signal Word

Danger

#### Hazard Statements

Flammable liquid and vapour.  
Causes skin irritation.  
May cause an allergic skin reaction.  
Causes serious eye damage.  
Toxic to aquatic life..  
Toxic to aquatic life with long lasting effects.

#### 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.  
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.

##### Response

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 IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do.  
Continue rinsing.  
Immediately call a POISON CENTER/doctor/....  
Specific treatment (see ... on this label).  
If skin irritation occurs: Get medical advice/attention.  
If skin irritation or rash occurs: 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 cool.

##### Disposal

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

<b>Acute Toxicity Oral Contains</b>	79.585 % of the mixture consists of ingredient(s) of unknown toxicity.
<b>Acute Toxicity Dermal Contains</b>	79.18 % of the mixture consists of ingredient(s) of unknown toxicity.
<b>Acute Toxicity Inhalation Vapor Contains</b>	89.585 % of the mixture consists of ingredient(s) of unknown toxicity.
<b>Acute Toxicity Inhalation Dust/Mist Contains</b>	89.585 % of the mixture consists of ingredient(s) of unknown toxicity.

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

COMPONENT	CAS #	Percent
NJ Trade Secret Registry	80100382-5123P	1-20
Dimethyl carbinol	67-63-0	1-20
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](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. Have victim drink 8 to 10 ounces of water to dilute the material in the stomach. Contact a physician, medical facility, or poison control center immediately. Aspiration into the lungs can cause serious damage. 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. 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. "Empty" containers retain product residue and can be dangerous.
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:

Wear appropriate personal protective equipment (PPE). Clean up with absorbent material. Place absorbent materials into container and close it tightly. Dispose of container properly. Remove all sources of ignition. 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.

### 7. HANDLING AND STORAGE

Handling:	Avoid prolonged or repeated contact with skin. Do not use near ignition sources. Use with adequate ventilation. If ventilation is not sufficient, wear proper respiratory equipment. 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.
Storage:	Keep container tightly closed when not in use. Store in a cool, dry, well ventilated area away from all sources of ignition. Empty container may contain residues which are hazardous.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering Controls:	Ventilation should be adequate to prevent exposures above the limits indicated in "Section 2" of this 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. 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.

<u>COMPONENT</u>	<u>CAS #</u>	<u>ACGIH TLV</u>	<u>OSHA PEL</u>	<u>OTHER</u>
NJ Trade Secret Registry	80100382-5123P	Not established	Not established	Not established
Dimethyl carbinol	67-63-0	200 ppm	400 ppm	200 ppm 8 hr TWA
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 (%):	12
Odor:	Citrus Alcohol	Vapor Pressure (PSIG @ 70°F):	0.88
Odor Threshold:	Moderate	Vapor Density [air = 1]:	1.62
pH:	Not applicable	Relative Density (H2O=1):	0.96
Melting/Freezing Point (°F):	No data available	Solubility in Water:	Complete; 100%
Boiling Point (°F):	No data available	Partial Coefficient: n-octanol/water:	No data available
Flash Point (°F PMCC):	80.6	Autoignition Temperature (°F):	458
Evaporation Rate:	0.5-2 (n-Butyl acetate = 1)	Decomposition Temperature (°F):	No data available
Flammability (solid, gas):	No data available	Viscosity, dynamic (cSt):	No data available
Percent VOCs (%):	30 - 40		

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

## 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:	Causes foetotoxicity in animals at doses which are maternally toxic.
IARC Carcinogen Designation:	IARC 3: Classification not possible from current data.

<u>Ingredient</u>	<u>CAS #</u>	<u>Toxicological Data</u>
Dimethyl carbinol	67-63-0	Dermal LD50 Rabbit = 12870 mg/kg Oral LD50 Rabbit = 5030 mg/kg Inhalation LC50 (8h) Rat = 51 mg/L
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 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.

<u>Ingredient</u>	<u>CAS #</u>	<u>Toxicological Data</u>
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	UN1993	Flammable Liquids, N.O.S. (Isopropanol, Terpene Hydrocarbons)	3	III
IATA	UN1993	Flammable Liquids, N.O.S. (Isopropanol, Terpene Hydrocarbons)	3	III
IMDG	UN1993	Flammable Liquids, N.O.S. (Isopropanol, Terpene Hydrocarbons)	3	III

\* "Limited Quantities" may be applicable for this transportation mode.

## 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	0.1- 0.99	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: 12/12/14

**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.**