1. Product And Company Identification

Supplier
Chase Products Co.
19th and Gardner Road
Broadview, IL 60155 USA

Company Contact: Aludia B. Hernandez
Telephone Number: 708-865-1000
FAX Number: 708-865-0923
E-Mail: sales@chaseproducts.com
Web Site: www.chaseproducts.com

Manufacturer
Chase Products Co.
19th and Gardner Road
Broadview, IL 60155 USA

Company Contact: Aludia B. Hernandez
Telephone Number: 708-865-1000
FAX Number: 708-865-0923
E-Mail: sales@chaseproducts.com
Web Site: www.chaseproducts.com

Supplier Emergency Contacts & Phone Number
Chem-Tel: 1-800-255-3924

Manufacturer Emergency Contacts & Phone Number
Chem-Tel: 1-800-255-3924

Issue Date: 01/08/2004
Product Name: CHAMP X IT OUT VANDAL MARK RMVR
Chemical Name: 7-7786
CAS Number: Not Established
MSDS Number: 2295
Product Code: 438-5149-6
Product/Material Uses - Vandal Mark Remover

2. Composition/Information On Ingredients

<table>
<thead>
<tr>
<th>Ingredient Name</th>
<th>CAS Number</th>
<th>Percent Of Total Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>ACETONE</td>
<td>67-64-1</td>
<td></td>
</tr>
<tr>
<td>ALKANOLAMIDE</td>
<td>68603-42-9</td>
<td></td>
</tr>
<tr>
<td>CARBON DIOXIDE</td>
<td>124-38-9</td>
<td></td>
</tr>
<tr>
<td>D-LIMONENE</td>
<td>5989-27-5</td>
<td></td>
</tr>
<tr>
<td>DIETHYLENE GLYCOL MONOETHYL ETHER</td>
<td>111-90-0</td>
<td>10 - 15</td>
</tr>
<tr>
<td>ETHOXYLATED ALCOHOL</td>
<td>68002-97-1</td>
<td></td>
</tr>
<tr>
<td>HEAVY AROMATIC NAPHTHA</td>
<td>64742-94-5</td>
<td></td>
</tr>
<tr>
<td>METHANOL</td>
<td>67-56-1</td>
<td>&lt;</td>
</tr>
<tr>
<td>NAPHTHALENE</td>
<td>91-20-3</td>
<td>&lt;</td>
</tr>
<tr>
<td>PINE OIL</td>
<td>8002-09-3</td>
<td></td>
</tr>
<tr>
<td>TOLUENE</td>
<td>108-88-3</td>
<td>15 - 20</td>
</tr>
</tbody>
</table>

Hazardous components, according to OSHA, are listed when present at 1.0% or greater. Carcinogens are listed when present at 0.1% or greater.

3. Hazards Identification

Primary Routes(s) Of Entry - Ingestion (possible, but considered unlikely), eye contact, skin contact, inhalation.

Eye Hazards - Causes eye irritation.
Skin Hazards - Causes skin irritation.

Ingestion Hazards - Contains petroleum distillate, harmful if swallowed. If accidentally swallowed, do not induce vomiting. Call physician immediately. This is an aerosol product, ingestion is unlikely to occur.
### 3. Hazards Identification - Continued

**Inhalation Hazards** - Deliberate inhalation of concentrate vapor or mist may cause headaches, dizziness and nausea.

**Chronic/Carcinogenicity Effects** - Toluene has been associated with kidney and liver disorders. California’s Proposition 65: “Warning: This product contains naphthalene, a chemical known to the State of California to cause cancer”

**Epidemiology** - None known

**Teratogenicity (Birth Defects)** - California’s Proposition 65: “Warning: this product contains toluene, a chemical known to the State of California to cause birth defects or other reproductive harm”.

**Reproductive Effects** - Suspect reproductive hazard. Contains material which may cause birth defects, based on animal data. This product contains toluene.

**Neurotoxicity** - None known

**Mutagenicity (Genetic Effect)** - None known

**Signs And Symptoms** - Acute: Deliberate inhalation of concentrate vapor or mist may cause headaches, dizziness and nausea. Contact with skin causes irritation. Irritant to the eyes.

**Conditions Aggravated By Exposure** - May aggravate pre-existing skin, kidney, liver and respiratory disorders.

**Conditions Aggravated By Overexposure** - May aggravate pre-existing skin, kidney, liver and respiratory disorders.

### 4. First Aid Measures

**Eye** - Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice.

**Skin** - Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advice.

**Ingestion** - Call a poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by a poison control center or doctor. Do not give anything by mouth to an unconscious person.

**Inhalation** - If overcome by vapor move victim to fresh air. If person is not breathing, call 911 or an ambulance, then provide artificial respiration, preferably mouth-to-mouth, if possible. Call a poison control center or doctor for further treatment advise.

### 5. Fire Fighting Measures

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Flash Point:</td>
<td>Not available °F Not available °C</td>
</tr>
<tr>
<td>Flash Point Method:</td>
<td>Not available</td>
</tr>
<tr>
<td>Lower Explosive Limit:</td>
<td>Not available</td>
</tr>
<tr>
<td>Upper Explosive Limit:</td>
<td>Not available</td>
</tr>
</tbody>
</table>

**Fire And Explosion Hazards** - This product is an aerosol product for which **Flame Projection is 20 in. with 6 in. flashback.** Temperatures above 120 F may cause cans to burst.

**Extinguishing Media** - Use CO2 (Carbon Dioxide), dry chemical, or water fog.

**Fire Fighting Instructions** - Water spray may be used to cool cans in the vicinity of fire or excessive heat.

### 6. Accidental Release Measures

Provide adequate ventilation to area being treated. Soak up spills with chemically inert, absorbent material.
7. Handling And Storage

Handling And Storage Precautions - Store in a cool, dry place away from heat and open flame.
Handling Precautions - Do not deliberately inhale vapor or spray mist. Avoid getting spray into eyes. Keep out of reach of children.
Storage Precautions - Keep away from heat, sparks, flame, and other sources of ignition (i.e., pilot lights, electric motors and static electricity). AEROSOL STORAGE LEVEL III (NFPA-30B)
Work/Hygienic Practices - Wash hands thoroughly after using this product.

8. Exposure Controls/Personal Protection

Engineering Controls - Use with adequate general and local exhaust ventilation.
Eye/Face Protection - Conventional eyeglasses to guard against splashing.
Skin Protection - Rubber gloves required.
Respiratory Protection - Use in well-ventilated area ONLY. NIOSH-approved respirator recommended. NOTICE: Reports have associated repeated and prolonged occupational over exposure to solvents with permanent brain and nervous system damage. Intentional misuse by deliberately concentrating and inhaling the contents can be harmful or fatal. To avoid breathing vapor or spray mist, open windows and doors or use other means to ensure fresh air entry during application and drying. If you experience eye watering, headaches, or dizziness, increase fresh air or wear an appropriate, properly fitted respirator (NIOSH approved), or leave the area. NOTE: Follow respirator manufacturer's instructions carefully.

Ingredient(s) - Exposure Limits

ACETONE
  ACGIH TLV-STEL 750 ppm ; ACGIH TLV-TWA 500 ppm ; OSHA PEL-TWA 1,000 ppm
CARBON DIOXIDE
  ACGIH TLV-STEL 30,000 ppm ; ACGIH TLV-TWA 5,000 ppm ; OSHA PEL-TWA 5,000 ppm
HEAVY AROMATIC NAPHTHA
  100 ppm Recommended by the manufacturer.
METHANOL
  ACGIH TLV-STEL 250 ppm (Skin) ; ACGIH TLV-TWA 200 ppm (Skin) ; OSHA PEL-TWA 200 ppm
NAPHTHALENE
  ACGIH TLV-STEL 15 ppm ; ACGIH TLV-TWA 10 ppm ; OSHA PEL-TWA 10 ppm
TOLUENE
  ACGIH TLV-TWA 50 ppm (Skin) ; OSHA PEL-CEILING 300 ppm ; OSHA PEL-PEAK 500 ppm
  OSHA PEL-TWA 200 ppm

9. Physical And Chemical Properties

Appearance - Clear liquid.
Odor - Citrus odor.
Chemical Type: Mixture
Physical State: Liquid
Melting Point: Not applicable °F Not applicable °C
## 9. Physical And Chemical Properties - Continued

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Boiling Point</td>
<td>Heavy Aromatic Solvent Naphtha 363-401 °F 183-205 °C</td>
</tr>
<tr>
<td>Specific Gravity</td>
<td>0.891 concentrate</td>
</tr>
<tr>
<td>Percent VOCs</td>
<td>65.28</td>
</tr>
<tr>
<td>pH Factor</td>
<td>NA</td>
</tr>
<tr>
<td>Solubility</td>
<td>Insoluble</td>
</tr>
<tr>
<td>Evaporation Rate</td>
<td>Faster than butyl acetate</td>
</tr>
</tbody>
</table>

## 10. Stability And Reactivity

### Stability:
- Stable

### Hazardous Polymerization:
- Will not occur

### Conditions To Avoid (Stability):
- Temperatures above 120 F

### Incompatible Materials:
- Avoid heat, open flame and contact with strong oxidizers.

### Hazardous Decomposition Products:
- Thermal decomposition may yield gases like carbon monoxide and carbon dioxide.

### Conditions To Avoid (Polymerization):
- Temperatures above 120 F

## 11. Toxicological Information

No Data Available...

## 12. Ecological Information

No Data Available...

## 13. Disposal Considerations

Do not puncture or incinerate container. If empty: Place in trash or offer for recycling if available. If partly filled: Call your local solid waste agency for disposal instructions.

## 14. Transport Information

### Proper Shipping Name
- ORM-D Consumer Commodity

### Hazard Class
- 2.1

### DOT Identification Number
- UN1950

### DOT Shipping Label
- Aerosol Consumer Commodity

## 15. Regulatory Information

### U.S. Regulatory Information
- All ingredients of this product are listed or are excluded from listing under the U.S. Toxic Substances Control Act (TSCA) Chemical Substance Inventory.

### SARA Hazard Classes
- Acute Health Hazard; Chronic Health Hazard; Fire Hazard

### SARA Title III - Section 313 Form "R"/TRI Reportable Chemical

### SARA Section 313 Notification
- This product contains the following toxic chemicals subject to the reporting requirements of Section 313 of the Emergency Planning and Community Right-To-Know Act of 1986 and of 40 CFR 372. This information must be included in all MSDSs that are copied and distributed for this material: Diethylene Glycol
15. Regulatory Information - Continued

Monoethyl Ether, Methanol, Naphthalene and Toluene. See section 2 for % amounts in the product.

**Ingredient(s) - U.S. Regulatory Information**

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<th>U.S. Regulatory Information</th>
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<tr>
<td>DIETHYLENE GLYCOL MONOETHYL ETHER</td>
<td>SARA Title III - Section 313 Form &quot;R&quot;/TRI Reportable Chemical; SARA - Acute Health Hazard</td>
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<tr>
<td>METHANOL</td>
<td>SARA Title III - Section 313 Form &quot;R&quot;/TRI Reportable Chemical; SARA - Acute Health Hazard; SARA - Chronic Health Hazard; SARA - Fire Hazard</td>
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<td>NAPHTHALENE</td>
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**Ingredient(s) - State Regulations**

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<th>Ingredient(s)</th>
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<tbody>
<tr>
<td>ACETONE</td>
<td>New Jersey - Workplace Hazard; Pennsylvania - Workplace Hazard; Massachusetts - Hazardous Substance; New York City - Hazardous Substance</td>
</tr>
<tr>
<td>CARBON DIOXIDE</td>
<td>New Jersey - Workplace Hazard; Pennsylvania - Workplace Hazard; Massachusetts - Hazardous Substance; New York City - Hazardous Substance</td>
</tr>
<tr>
<td>DIETHYLENE GLYCOL MONOETHYL ETHER</td>
<td>New Jersey - Workplace Hazard; New Jersey - Environmental Hazard; New York City - Hazardous Substance</td>
</tr>
<tr>
<td>METHANOL</td>
<td>New Jersey - Workplace Hazard; New Jersey - Environmental Hazard; New Jersey - Special Hazard; Pennsylvania - Workplace Hazard; Massachusetts - Hazardous Substance; New York City - Hazardous Substance</td>
</tr>
<tr>
<td>NAPHTHALENE</td>
<td>New Jersey - Workplace Hazard; New Jersey - Environmental Hazard; Pennsylvania - Workplace Hazard; Pennsylvania - Environmental Hazard; Massachusetts - Hazardous Substance; New York City - Hazardous Substance</td>
</tr>
<tr>
<td>PINE OIL</td>
<td>New Jersey - Workplace Hazard; New York City - Hazardous Substance</td>
</tr>
<tr>
<td>TOLUENE</td>
<td>New Jersey - Workplace Hazard; New Jersey - Environmental Hazard; New Jersey - Special Hazard; Pennsylvania - Workplace Hazard; Pennsylvania - Environmental Hazard; California - Proposition 65; Massachusetts - Hazardous Substance; New York City - Hazardous Substance</td>
</tr>
</tbody>
</table>
16. Other Information

Revision/Preparer Information
MSDS Preparer: Laura E. Radevski
MSDS Preparer Phone Number: 708-865-1000
This MSDS Supercedes A Previous MSDS Dated: 05/18/2001

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Chase Products Co.