1. PRODUCT AND COMPANY IDENTIFICATION

Product Identifier
Product Name  Wipe Out

Other Means of Identification
SDS #  DCI-030
UN/ID No  UN3266

Recommended Use of the Chemical and Restrictions on Use
Recommended Use  Graffiti remover.

Details of the Supplier of the Safety Data Sheet
Supplier Address  Dumond Chemicals, Inc.
83 General Warren Blvd
Suite 190
Malvern, PA 19355

Emergency Telephone Number
Company Phone Number  1-609-655-7700
Emergency Telephone INFOTRAC 1-352-323-3500 (International)
1-800-535-5053 (North America)

2. HAZARDS IDENTIFICATION

Classification

<table>
<thead>
<tr>
<th>Hazard</th>
<th>Category</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acute toxicity - Oral</td>
<td>Category 4</td>
</tr>
<tr>
<td>Acute toxicity - Inhalation (Dusts/Mists)</td>
<td>Category 4</td>
</tr>
<tr>
<td>Skin corrosion/irritation</td>
<td>Category 1 Sub-category B</td>
</tr>
<tr>
<td>Serious eye damage/eye irritation</td>
<td>Category 1</td>
</tr>
<tr>
<td>Specific target organ toxicity (single exposure)</td>
<td>Category 3</td>
</tr>
</tbody>
</table>

Signal Word
Danger

Hazard Statements
Harmful if swallowed
Harmful if inhaled
Causes severe skin burns and eye damage
May cause respiratory irritation. May cause drowsiness or dizziness
Appearance White paste  
Physical State Paste  
Odor Slight almond odor

Precautionary Statements - Prevention
Wash face, hands and any exposed skin thoroughly after handling
Do not eat, drink or smoke when using this product
Use only outdoors or in a well-ventilated area
Do not breathe dust/fume/gas/mist/vapors/spray
Wear protective gloves/protective clothing/eye protection/face protection

Precautionary Statements - Response
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 or doctor/physician
IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower
Wash contaminated clothing before reuse
IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing
Immediately call a POISON CENTER or doctor/physician
IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell
Rinse mouth
Do NOT induce vomiting

Precautionary Statements - Storage
Store locked up
Store in a well-ventilated place. Keep container tightly closed

Precautionary Statements - Disposal
Dispose of contents/container to an approved waste disposal plant

Hazards Not Otherwise Classified (HNOC)
May be harmful in contact with skin

Other Hazards
Harmful to aquatic life with long lasting effects
Harmful to aquatic life

3. COMPOSITION/INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS No</th>
<th>Weight-%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Potassium hydroxide</td>
<td>1310-58-3</td>
<td>15-25</td>
</tr>
<tr>
<td>Monoethanolamine</td>
<td>141-43-5</td>
<td>10-30</td>
</tr>
</tbody>
</table>

Chemical Additions
Contains 1-5% dibasic ester, which is a mixture of dimethyl glutarate (CAS# 1119-40-0) and dimethyl adipate (CAS# 627-93-0)

4. FIRST AID MEASURES

First Aid Measures

Inhalation
Remove to fresh air. If not breathing, give artificial respiration. Get medical attention if necessary.
Eye Contact
Immediately flush with plenty of water. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes. Get immediate medical advice/attention.

Ingestion
Never give anything by mouth to an unconscious person. Get medical attention if necessary. Do NOT induce vomiting. If conscious give 1 glass of water to dilute.

Skin Contact
Get medical attention immediately. Wash thoroughly with soap and water (15-30 minutes) until no traces of the chemical remain. Remove and wash contaminated clothing before reuse.

Most Important Symptoms and Effects, both Acute and Delayed

Symptoms
Mists and vapors cause irritation of the eyes, mucous membranes, and upper respiratory tract. Exposed individuals may experience eye tearing, redness, and discomfort. Contact may cause irritation and redness. May cause gastrointestinal irritation, nausea, diarrhea, and vomiting.

Indication of any Immediate Medical Attention and Special Treatment Needed

Note to Physicians
Treat symptomatically. Individuals with chronic respiratory or skin diseases may be at risk from exposure.

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media
Alcohol resistant foam, carbon dioxide, or dry chemical.

Unsuitable Extinguishing Media
Water or foam may cause frothing.

Specific Hazards Arising from the Chemical
Decomposition may be hazardous. At elevated temperatures, containers may rupture. Cool containers exposed to flames with water until well after the fire is out.

Hazardous combustion products
Carbon oxides. Nitrogen oxides (NOx).

Protective Equipment and Precautions for Firefighters
As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment and Emergency Procedures

Personal Precautions
Evacuate personnel to safe areas. Use personal protective equipment as required.

Environmental Precautions
See Section 12 for additional ecological information. Do not allow into any sewer, on the ground or into any body of water.

Methods and Material for Containment and Cleaning Up

Methods for Containment
Prevent further leakage or spillage if safe to do so. Dike spill and collect into closable containers for disposal with an inert absorbent. Neutralize residue with dilute acetic acid.

Methods for Cleaning Up
Wash spill area with plenty of water. Place in appropriate containers for disposal. Spills and releases may have to be reported to Federal and/or local authorities. See section 15.

7. HANDLING AND STORAGE
Precautions for Safe Handling

Advice on Safe Handling
Use personal protective equipment as required. Avoid contact with skin, eyes or clothing. Avoid breathing vapors or mists. Wash thoroughly after handling before eating, drinking, smoking, or using toilet facilities. Since empty container retains residue, follow all label warnings even after container is empty. Do not eat, drink or smoke when using this product. Use only in well-ventilated areas.

Conditions for Safe Storage, Including any Incompatibilities

Storage Conditions
Keep containers tightly closed in a cool, well-ventilated place. Store away from incompatible materials. Store locked up.

Incompatible Materials
May react with some metals. Strong oxidizing agents. Strong acids.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Guidelines

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>ACGIH TLV</th>
<th>OSHA PEL</th>
<th>NIOSH IDLH</th>
</tr>
</thead>
<tbody>
<tr>
<td>Potassium hydroxide</td>
<td>Ceiling: 2 mg/m³</td>
<td>(vacated) Ceiling: 2 mg/m³</td>
<td>Ceiling: 2 mg/m³</td>
</tr>
<tr>
<td>1310-58-3</td>
<td></td>
<td>TWA: 2 mg/m³ (vacated)</td>
<td>TWA: 2 mg/m³</td>
</tr>
<tr>
<td>Monoethanolamine</td>
<td>STEL: 6 ppm</td>
<td>TWA: 3 ppm</td>
<td>IDLH: 30 ppm</td>
</tr>
<tr>
<td>141-43-5</td>
<td>TWA: 3 ppm</td>
<td>TWA: 6 mg/m³ (vacated)</td>
<td>TWA: 3 ppm</td>
</tr>
<tr>
<td></td>
<td></td>
<td>(vacated) TWA: 3 ppm</td>
<td>TWA: 8 mg/m³</td>
</tr>
<tr>
<td></td>
<td></td>
<td>STEL: 2 ppm (vacated)</td>
<td>STEL: 8 mg/m³</td>
</tr>
<tr>
<td></td>
<td></td>
<td>TWA: 8 mg/m³ (vacated)</td>
<td>STEL: 6 ppm</td>
</tr>
<tr>
<td></td>
<td></td>
<td>STEL: 6 mg/m³</td>
<td>STEL: 15 mg/m³</td>
</tr>
</tbody>
</table>

Appropriate Engineering Controls

Engineering Controls
For operations where contact can occur, a safety shower and an eye wash facility should be available. Ensure adequate ventilation, especially in confined areas. Good general room ventilation (equivalent to outdoors) should be adequate under normal conditions.

Individual Protection Measures, such as Personal Protective Equipment

Eye/Face Protection
Chemical safety goggles/faceshield.

Skin and Body Protection
Wear impervious protective clothing, including boots, gloves, lab coat, apron or coveralls, as appropriate, to prevent skin contact. Viton or other impervious gloves are required.

Respiratory Protection
Ensure adequate ventilation, especially in confined areas. For spray application, a NIOSH approved organic vapor respirator with N95 particulate filter.

General Hygiene Considerations
Handle in accordance with good industrial hygiene and safety practice.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on Basic Physical and Chemical Properties

<table>
<thead>
<tr>
<th>Property</th>
<th>Values</th>
<th>Remarks • Method</th>
</tr>
</thead>
<tbody>
<tr>
<td>Physical State</td>
<td>Paste</td>
<td></td>
</tr>
<tr>
<td>Appearance</td>
<td>White paste</td>
<td></td>
</tr>
<tr>
<td>Color</td>
<td>White</td>
<td>Odor</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Slight almond odor</td>
</tr>
<tr>
<td>Odor threshold</td>
<td>Not determined</td>
<td></td>
</tr>
<tr>
<td>pH</td>
<td>11</td>
<td></td>
</tr>
<tr>
<td>Melting point/freezing point</td>
<td>Not determined</td>
<td></td>
</tr>
<tr>
<td>Boiling point/boiling range</td>
<td>101.7 °C / 215 °F</td>
<td></td>
</tr>
</tbody>
</table>
**Flash point**

- **Evaporation rate**: None
- **Flammability (solid, gas)**: Not available

**In air**

- **Upper flammability limits**: Not determined
- **Lower flammability limit**: Not determined

**Vapor pressure**: Not available

**Vapor density**: >1 (Air=1)

**Specific gravity**: 1.07-1.15

**Water solubility**: Miscible in water

**Solubility in other solvents**: Not determined

**Partition coefficient**: Not determined

**Autoignition temperature**: Not available

**Decomposition temperature**: Not determined

**Kinematic viscosity**: Not determined

**Dynamic viscosity**: Not determined

**Explosive properties**: Not determined

**Oxidizing Properties**: Not determined

**Other Information**

- **VOC Content (%)**: < 5%
- **VOC Content**: < 0.46 lbs/gal

### 10. STABILITY AND REACTIVITY

**Reactivity**

Not reactive under normal conditions

**Chemical Stability**

Stable under recommended storage conditions.

**Possibility of Hazardous Reactions**

None under normal processing.

**Conditions to Avoid**

Keep out of reach of children.

**Incompatible Materials**

May react with some metals. Strong oxidizing agents. Strong acids.

**Hazardous Decomposition Products**

May oxidize with air to form benzaldehyde and benzoic acid. Ammonia. potassium oxides. Nitrogen oxides (NOx). Carbon oxides.

### 11. TOXICOLOGICAL INFORMATION

**Information on Likely Routes of Exposure**

**Product Information**

- **Inhalation**: Harmful if inhaled.
- **Eye Contact**: Causes severe eye damage.
- **Skin Contact**: Causes severe skin burns. May be harmful in contact with skin.
- **Ingestion**: Harmful if swallowed.

**Component Information**
### Chemical Name

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>Oral LD50</th>
<th>Dermal LD50</th>
<th>Inhalation LC50</th>
</tr>
</thead>
<tbody>
<tr>
<td>Water 7732-18-5</td>
<td>&gt; 90 mL/kg (Rat)</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Potassium hydroxide</td>
<td>= 214 mg/kg (Rat)</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>1310-58-3</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Monoethanolamine 141-43-5</td>
<td>= 1720 mg/kg (Rat)</td>
<td>= 1 mL/kg (Rabbit) = 1025 mg/kg (Rabbit)</td>
<td>-</td>
</tr>
<tr>
<td>Dimethyl Adipate 627-93-0</td>
<td>= 1920 mg/kg (Rat)</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Dimethyl Glutarate 1119-40-0</td>
<td>= 8191 mg/kg (Rat)</td>
<td>-</td>
<td>&gt; 5.6 mg/L (Rat) 4 h</td>
</tr>
</tbody>
</table>

### Information on Physical, Chemical and Toxicological Effects

#### Symptoms

Eyes: vapors or mists may cause irritation with redness, tearing, and blurring of the eyes. Eye damage may occur, especially if contact is prolonged. Skin: May cause severe irritation with redness and burning of the skin. Prolonged contact may cause destruction of skin tissues. Inhalation: vapors or mists may cause severe irritation or burns to the eyes, mucous membranes, and upper respiratory tract. Ingestion: may cause gastrointestinal irritation, abdominal pain, nausea, and vomiting.

#### Delayed and Immediate Effects as well as Chronic Effects from Short and Long-term Exposure

**Carcinogenicity**

This product does not contain any carcinogens or potential carcinogens as listed by OSHA, IARC or NTP.

**STOT - single exposure**

May cause respiratory irritation. May cause drowsiness or dizziness.

**Chronic toxicity**

Prolonged or repeated contact with dilute solutions may cause dermatitis, low blood pressure, respiratory, and muscular paralysis, convulsions, and damage to the central nervous system, lungs, liver, and kidneys. Individuals with chronic eye, skin and respiratory disorders may be at an increased risk from exposure to this material.

### Numerical Measures of Toxicity - Product

Not determined

The following values are calculated based on chapter 3.1 of the GHS document.

- ATEmix (oral) 752 mg/kg
- ATEmix (dermal) 3080 mg/kg
- ATEmix (inhalation-dust/mist) 4.2 mg/l
- ATEmix (inhalation-vapor) 106.4 mg/l

### 12. ECOLOGICAL INFORMATION

#### Ecotoxicity

Harmful to aquatic life with long lasting effects

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>Algae/aquatic plants</th>
<th>Fish</th>
<th>Toxicity to microorganisms</th>
<th>Crustacea</th>
</tr>
</thead>
<tbody>
<tr>
<td>Potassium hydroxide</td>
<td>80: 96 h Gambusia affinis mg/L LC50 static</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1310-58-3</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
Persistence and Degradability
Not determined.

Bioaccumulation
Not determined.

Mobility
Not determined.

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>Partition coefficient</th>
</tr>
</thead>
<tbody>
<tr>
<td>Potassium hydroxide 1310-58-3</td>
<td>0.65</td>
</tr>
<tr>
<td>Monoethanolamine 141-43-5</td>
<td>-1.91</td>
</tr>
</tbody>
</table>

Other Adverse Effects
Not determined

### 13. DISPOSAL CONSIDERATIONS

Waste Treatment Methods

Disposal of Wastes
Disposal should be in accordance with applicable regional, national and local laws and regulations.

Contaminated Packaging
Disposal should be in accordance with applicable regional, national and local laws and regulations.

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>California Hazardous Waste Status</th>
</tr>
</thead>
<tbody>
<tr>
<td>Potassium hydroxide 1310-58-3</td>
<td>Toxic Corrosive</td>
</tr>
</tbody>
</table>

### 14. TRANSPORT INFORMATION

Note
Please see current shipping paper for most up to date shipping information, including exemptions and special circumstances

**DOT**

UN/ID No
UN3266

Proper Shipping Name
Corrosive liquid, basic, inorganic, n.o.s.

Hazard Class
8

Packing Group
II

**IATA**

UN/ID No
UN3266

Proper Shipping Name
Corrosive liquid, basic, inorganic, n.o.s.
Hazard Class 8
Packing Group II

IMDG
UN/ID No UN3266
Proper Shipping Name Corrosive liquid, basic, inorganic, n.o.s.
Hazard Class 8
Packing Group II

15. REGULATORY INFORMATION

International Inventories

Legend:
TSCA - United States Toxic Substances Control Act Section 8(b) Inventory
DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List
EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances
ENCS - Japan Existing and New Chemical Substances IECSC - China Inventory of Existing Chemical Substances KECL -
Korean Existing and Evaluated Chemical Substances
PICCS - Philippines Inventory of Chemicals and Chemical Substances

US Federal Regulations

SARA 311/312 Hazard Categories

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CWA - Reportable Quantities</th>
<th>CWA - Toxic Pollutants</th>
<th>CWA - Priority Pollutants</th>
<th>CWA - Hazardous Substances</th>
</tr>
</thead>
<tbody>
<tr>
<td>Potassium hydroxide 1310-58-3</td>
<td>1000 lb</td>
<td></td>
<td></td>
<td>X</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>Hazardous Substances RQs</th>
<th>CERCLA/SARA RQ</th>
<th>Reportable Quantity (RQ)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Potassium hydroxide 1310-58-3</td>
<td>1000 lb</td>
<td></td>
<td>RO 1000 lb final RQ</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>RO 454 kg final RQ</td>
</tr>
</tbody>
</table>

US State Regulations

U.S. State Right-to-Know Regulations

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>New Jersey</th>
<th>Massachusetts</th>
<th>Pennsylvania</th>
</tr>
</thead>
<tbody>
<tr>
<td>Potassium hydroxide 1310-58-3</td>
<td>X</td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td>Monoethanolamine 141-43-5</td>
<td>X</td>
<td>X</td>
<td>X</td>
</tr>
</tbody>
</table>

U.S. EPA Label Information
16. OTHER INFORMATION

<table>
<thead>
<tr>
<th>NFPA</th>
<th>Health Hazards</th>
<th>Flammability</th>
<th>Instability</th>
<th>Special Hazards</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Not determined</td>
<td>Not determined</td>
<td>Not determined</td>
<td>Not determined</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>HMIS</th>
<th>Health Hazards</th>
<th>Flammability</th>
<th>Physical Hazards</th>
<th>Personal Protection</th>
</tr>
</thead>
<tbody>
<tr>
<td>2</td>
<td></td>
<td>1</td>
<td>0</td>
<td>Not determined</td>
</tr>
</tbody>
</table>

Issue Date: 29-Oct-2004
Revision Date: 12-Dec-2012
Revision Note: New format

Disclaimer
The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

End of Safety Data Sheet