SAFETY DATA SHEET

DUMOND®
Architectural, Industrial and Marine Solutions

Issue Date 29-Oct-2004 **Revision Date** 3-Mar-2015 **Version** 1

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)

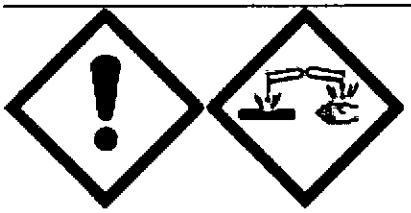
2. HAZARDS IDENTIFICATION

Classification

Acute toxicity - Oral	Category 4
Acute toxicity - Inhalation (Dusts/Mists)	Category 4
Skin corrosion/irritation	Category 1 Sub-category B
Serious eye damage/eye irritation	Category 1
Specific target organ toxicity (single exposure)	Category 3

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

Chemical Name	CAS No	Weight-%
Potassium hydroxide	1310-58-3	15-25
Monoethanolamine	141-43-5	10-30

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

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

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

Physical State	Paste		
Appearance	White paste	**Odor**	Slight almond odor
Color	White	**Odor threshold**	Not determined

Property	Values	Remarks • Method
pH	11	
Melting point/freezing point	Not determined	
Boiling point/boiling range	101.7 °C / 215 °F	

Flash point Evaporation rate Flammability (solid, gas) Flammability limits in air	None Not available Not determined	
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 Completely soluble	
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	Oral LD50	Dermal LD50	Inhalation LC50
Water 7732-18-5	> 90 mL/kg (Rat)	-	-
Potassium hydroxide 1310-58-3	= 214 mg/kg (Rat)	-	-
Monoethanolamine 141-43-5	= 1720 mg/kg (Rat)	= 1 mL/kg (Rabbit) = 1025 mg/kg (Rabbit)	-
Dimethyl Adipate 627-93-0	= 1920 mg/kg (Rat)	-	-
Dimethyl Glutarate 1119-40-0	= 8191 mg/kg (Rat)	-	> 5.6 mg/L (Rat) 4 h

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 expose 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

Chemical Name	Algae/aquatic plants	Fish	Toxicity to microorganisms	Crustacea
Potassium hydroxide 1310-58-3		80: 96 h Gambusia affinis mg/L LC50 static		

Monoethanolamine 141-43-5	15: 72 h Desmodesmus subspicatus mg/L EC50	227: 96 h Pimephales promelas mg/L LC50 flow-through 3684: 96 h Brachydanio rerio mg/L LC50 static 300 - 1000: 96 h Lepomis macrochirus mg/L LC50 static 114 - 196: 96 h Oncorhynchus mykiss mg/L LC50 static 200: 96 h Oncorhynchus mykiss mg/L LC50 flow-through		65: 48 h Daphnia magna mg/L EC50
Dimethyl Glutarate 1119-40-0		19.6 - 26.2: 96 h Pimephales promelas mg/L LC50 static		122.1 - 163.5: 48 h Daphnia magna mg/L EC50

Persistence and Degradability
Not determined.

Bioaccumulation
Not determined.

Mobility
Not determined.

Chemical Name	Partition coefficient
Potassium hydroxide 1310-58-3	0.65 0.83
Monoethanolamine 141-43-5	-1.91

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.

Chemical Name	California Hazardous Waste Status
Potassium hydroxide 1310-58-3	Toxic Corrosive

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

Chemical Name	CWA - Reportable Quantities	CWA - Toxic Pollutants	CWA - Priority Pollutants	CWA - Hazardous Substances
Potassium hydroxide 1310-58-3	1000 lb			X

Chemical Name	Hazardous Substances RQs	CERCLA/SARA RQ	Reportable Quantity (RQ)
Potassium hydroxide 1310-58-3	1000 lb		RQ 1000 lb final RQ RQ 454 kg final RQ

US State Regulations

U.S. State Right-to-Know Regulations

Chemical Name	New Jersey	Massachusetts	Pennsylvania
Potassium hydroxide 1310-58-3	X	X	X
Monoethanolamine 141-43-5	X	X	X

U.S. EPA Label Information

16. OTHER INFORMATION

NFPA	**Health Hazards**	**Flammability**	**Instability**	**Special Hazards**
	Not determined	Not determined	Not determined	Not determined
HMIS	**Health Hazards**	**Flammability**	**Physical Hazards**	**Personal Protection**
	2	1	0	Not determined

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