

BARE GROUND

GRAFITTI REMOVER Safety Data Sheet

Issue Date: 07-MAR-2017 Revision Date: 19-AUG-2019
Prepared by: Safety Department

1. IDENTIFICATION

Product Name: GRAFITTI REMOVER by BARE GROUND
Other means of identification: Non-flammable liquid paint remover
Recommended use: Removes vandalism marks and paints
Prepared by: Safety Department
Source: US Specialty Coatings / 1000 McFarland 400 Blvd / Alpharetta, GA 30004 USA
Company Phone Number: 770-740-8123 or (800) 278-7473 / Fax: 770-740-8125
www.usspecialtycoatings.com
Emergency Telephone (24 Hours)
INFOTRAC 352-323-3500 (International) 1-800-535-5053 (North America)

2. HAZARDS IDENTIFICATION

Signal word: **Warning!**

Classification
Acute toxicity - Oral (1-4, where 1 is most dangerous) Category 4
Acute toxicity - Dermal Category 4
Acute toxicity - Inhalation Category 4
Skin irritation Category 2
Eye corrosion/irritation Category 2A
Specific target organ toxicity /single exposure (1-3) Category 3 (Respiratory System)

Hazard statements
Causes serious eye irritation
Causes skin irritation
May be harmful if inhaled
Harmful if absorbed through skin



Appearance: Color: Viscous white emulsion
Physical state: Liquid / Odor: Characteristic

Precautionary Statements: **PREVENTION**
Wash face, hands and any exposed skin thoroughly after handling
Do not eat, drink or smoke when using this product
Wear protective gloves/protective clothing/eye protection/face protection
Use in a well-ventilated area. Do not breathe dust/fume/gas/mist/vapors/spray
Keep away from heat/sparks/open flames/hot surfaces

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 doctor/physician.
IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing.
Rinse skin with water/shower. Call a doctor/physician if you feel unwell
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 doctor/physician
IF SWALLOWED: Immediately call a doctor/physician. Rinse mouth.
Do NOT induce vomiting

IN CASE OF FIRE: Use CO2, dry chemical, or foam for extinction

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

Precautionary Statements: **DISPOSAL**
Dispose of contents/container at an approved waste disposal plant

Hazards not otherwise classified (HNOC): Not Applicable

Other Information: Harmful to aquatic life with long lasting effects

3. COMPOSITION / INFORMATION on INGREDIENTS

Chemical Name	CAS No	Weight-%	Comments
Water	7732-18-5	> 50	
Dipropylene glycol n butyl ether	29911-28-2	5-10	U.S. EPA "Safer Choice" / LVP
Dipropylene glycol methyl ether	34590-94-8	5-10	U.S. EPA "Safer Choice"
Benzyl alcohol	100-51-6	5-15	Readily Biodegradable
Ethanolamine	141-43-5	< 5	

4. FIRST AID MEASURES

INHALATION: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a physician immediately.

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: Rinse mouth. DO NOT induce vomiting (aspiration risk). Drink 1/2 cup water, citrus fruit juice, or milk. Call a physician or poison control center immediately.

SKIN CONTACT: Wash off immediately with plenty of water for at least 15 minutes.
Take off contaminated clothing. Wash contaminated clothing before reuse.
Call a physician if you feel unwell.

section 4 continued (FIRST AID MEASURES)

Most important symptoms and effects, both acute and delayed
Contact will cause irritation and redness to exposed areas. Causes painful stinging of eyes and lids, watering of eyes. Prolonged contact may even cause severe skin irritation. Overexposure by inhalation may cause CNS depression, drowsiness, dizziness, confusion headache or loss of coordination. Ingestion will irritate mouth, throat and/or stomach.

Indication of any immediate medical attention and special treatment needed:
Note to physicians: Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Non-flammable.
Suitable Extinguishing Media: Water spray (fog). Alcohol resistant foam. Dry chemical.
Unsuitable Extinguishing Media: Not determined.
Specific hazards arising from the chemical: keep containers cool.
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: Use personal protective equipment as required. Remove all sources of ignition. Spills may be slippery. Prevent foot traffic.
Environmental precautions: Do not discharge outside. Do not permit to escape directly into creeks or other natural waterways.

Methods for containment. Prevent further leakage or spillage if safe to do so.
Methods for cleaning up large spills: Reclaim liquid with mop and bucket. Filter and save for some use where quality is not critical. Rinse area with clean water and dry before permitting traffic.
Methods for cleaning up small spills: Use a non-combustible material like vermiculite, sand or earth to soak up the product and place into a container for later disposal. Clean up in accordance with all applicable regulations.

7. HANDLING AND STORAGE

Precautions for safe handling
Wash thoroughly after handling. Do not eat, drink or smoke when using this product. Do not breathe dust/fume/gas/mist/vapors/spray. Use personal protection recommended in Section 8.
Use only in well-ventilated areas. Keep away from heat/sparks/open flames/hot surfaces. No smoking. Protect product quality by keeping containers tightly closed when not in use, avoid pouring unused material back into original container. Never use food or beverage containers to measure or transport this product. Empty containers contain residues and should not be used for food or beverage.

Storage Conditions: Keep containers tightly closed in a dry, cool and well-ventilated place. Keep locked up and out of reach of children and pets. Protect from direct sunlight. Store at 40-95°F.
Packaging materials: Keep in original container.
Incompatible materials: Bleach. strong acids.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

	ACGIH TLV	OSHA PEL	NIOSH IDLH
Ethanolamine CAS #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 (vacated)	IDLH: 30 ppm TWA: 3 ppm TWA: 8 mg/m3 STEL: 6 ppm STEL: 15 mg/m3
Dipropylene glycol methyl ether CAS #34590-94-8	STEL: 150 ppm TWA: 100 ppm	TWA: 100 ppm 600 mg/m3	IDLH: 600 ppm

No exposure data available for Benzyl alcohol CAS #100-51-6 or
No exposure data available for Dipropylene glycol n butyl ether CAS #29911-28-2

Appropriate Engineering Controls

Apply technical measures to comply with the occupational exposure limits.
Individual protection measures, Appropriate Personal Protective Equipment:

Eye/face protection: Wear safety glasses
Skin and body protection: Wear butyl rubber or neoprene gloves in good condition. Leaky gloves may be worse than no gloves. Remove gloves without touching outside.
When used on floors, avoid sneakers, wear rubber overshoes with attached pads for traction, rubber apron, as appropriate, to prevent skin contact.

Respiratory protection: Under normal conditions, respirator is not normally required. However respirator with carbon filter cartridges, such as as ABEK (EN 14387), may be used if engineering controls are not adequate. Handle in accordance with good industrial hygiene and safety practice.



9. PHYSICAL AND CHEMICAL PROPERTIES

pH	10-11	Specific gravity	Not determined
Melting point/freezing point	Not determined	Water solubility	Partial emulsion
Boiling point/boiling range	100 °C / 212°F	Solubility in other solvents	Not determined
Flash point (open cup)	85°C/185°F	Partition coefficient	Not determined
Evaporation rate	1.0	Autoignition temperature	Not determined
Flammability (solid, gas)	n/a-liquid	Decomposition temperature	Not determined
Flammability limits in air:		Kinematic viscosity	Not determined
Upper flammability limits	Not determined	Dynamic viscosity	Not determined
Lower flammability limit	Not determined	Explosive properties	Not determined
Vapor pressure	Not determined	Oxidizing properties	Not determined
Vapor density	Heavier than air		

GRAFITTI REMOVER Safety Data Sheet...page / 2 of 2**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.

Hazardous polymerization: Hazardous polymerization does not occur.

Conditions to avoid: Incompatible materials. Heat.

Incompatible materials: Bleach. Oxidizers. Strong acids.

Hazardous Decomposition Products: Not determined

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Inhalation: Harmful if inhaled

Eye contact: Irritating to eyes

Skin Contact: Harmful if absorbed through skin

Ingestion: Harmful if ingested

Component Information

	Oral LD50	Dermal LD50	Inhalation LC50
Ethanolamine CAS #141-43-5	= 1720 mg/kg (Rat)	= 1 mL/kg (Rabbit) = 1025 mg/kg (Rabbit)	0/5 mortalities (Rat) / 6 h
Benzyl alcohol CAS #100-51-6	= 1230 mg/kg (Rat)	= 2000 mg/kg (Rabbit)	> 4.178 mg/L (Rat) / 4 h
Dipropylene glycol n butyl ether CAS #29911-28-2	= 1480 mg/kg (Rat)	> 2000 mg/kg (Rat)	42.1 ppm (Rat) / 4 h
Dipropylene glycol methyl ether CAS #34590-94-8	< 5000 mg/kg (Rat)	> 9,500 mg/kg (Rat)	275 ppm (Rat) / 7 h

Information on physical, chemical and toxicological effects:
Please see section 4 of this SDS for SymptomsDelayed and immediate effects as well as chronic effects from short and long-term exposure:
Carcinogenicity: Not classifiable as a human carcinogen.

May cause respiratory irritation. May cause drowsiness or dizziness.

Numerical measures of toxicity - Not determined

12. ECOLOGICAL INFORMATION

Chemical	Algae / Aquatic plants	Fish LC50	Microorganisms	Crustacea EC50
Ethanolamine 141-43-5	15: 72 h Desmodesmus subspicatus mg/L EC50	227: 96 h Pimephales promelas mg/L flow-through 3684: 96 h Brachydanio rerio mg/L static 300 - 1000: 96 h Lepomis macrochirus mg/L static 114 - 196: 96 h Oncorhynchus mykiss mg/L static 200: 96 h Oncorhynchus mykiss mg/L flow-through	DIN EN ISO 8192-OECD 209-88/302/EEC, P. C aquatic activated sludge, domestic/EC20 (0.5 h): > 1,000 mg/l Nominal concentration.	65: 48 h Daphnia magna mg/l
Benzyl alcohol 100-51-6		96 hr bluegill 10 mg/L		24 h Daphnia magna 55 mg/l
Dipropylene glycol methyl ether 34590-94-8		96 hr Pimephales promelas 10,000 mg/L	4168 mg/l Pseudomonas putida EC10 (not an EC50)	48 h Daphnia magna >1920 mg/l
Dipropylene glycol n butyl ether 29911-28-2	green algae > 556 mg/l (ECOSTAR predicted)	96 h Guppy (Poecilia reticulata) 841 mg/L	> 1.56 mg/l Salmonella typhimurium	24 h Daphnia magna >1000 mg/l

12. continued ECOLOGICAL INFORMATION

Persistence, bioaccumulation:

This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

Mobility: Not determined.

This blend is considered readily biodegradable

Chemical Name	Partition coefficient
Ethanolamine CAS #141-43-5	-1.91

Other adverse effects Not determined for this blend

13. DISPOSAL CONSIDERATIONS

Waste treatment methods: dispose of wastes 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.

14. TRANSPORT INFORMATION

IMDG : Not a dangerous good. Not a marine pollutant.

UN # : Non regulated.

IATA : This blend is not specifically regulated but contains an IATA regulated substance:
UN 3334, Aviation bioregulated liquid, n.o.s. (benzyl alcohol), Class 9 (PG: N/A)**15. REGULATORY INFORMATION**

Ingredients are recognized on the following lists:

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

Chemical Name	CAS No	Weight-%	SARA 313 - Threshold Value
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SARA 311/312 Hazard Categories

CWA - Reportable Quantities: not applicable

CWA - Toxic Pollutants

CWA - Priority Pollutants

CWA - Hazardous Substances: not applicable

Hazardous Substances RQ: not applicable

CERCLA/SARA RQ: not applicable

US State Regulations: U.S. State Right-to-Know Regulations

Chemical Name /CAS #	New Jersey	Massachusetts	Pennsylvania
Ethanolamine /141-43-5	X	X	X
Benzyl alcohol /100-51-6	X	X	X

16. OTHER INFORMATION

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.