

DUMOND™
SAFETY DATA SHEET
Lift Away Trigger 3

Watchdog Lift AWAY
Graffiti Remover SPRAY
Water-Based
By: Dumond

SECTION 1 Identification

Product Name: Lift Away Trigger 3

Recommended use: Removes Graffiti from Smooth Surfaces

Restrictions on use: Use only as directed

Manufactured for:

DUMOND CHEMICALS, INC
1475 Phoenixville Pike, Suite 18
West Chester, PA 19380
(609)-655-7700

Emergency phone number: (800)457-4280 (InfoTrac) #79363

SDS Date of Preparation: 5/03/18

SECTION 2: Hazard(S) Identification

Classification:

Physical	Health
Flammable Liquid Category 4	Acute Toxicity Category 4 Skin Irritation Category 2 Eye Irritation Category 2

Label Requirements:



Warning!

Hazard statement(s)

Combustible liquid
Harmful if swallowed.
Causes skin irritation.
Causes serious eye irritation.

Prevention

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
Wash thoroughly after handling.
Do not eat, drink or smoke when using this product.
Wear protective gloves and eye protection.

Precautionary statement(s)

Response

IF SWALLOWED: Call a POISON CENTER or doctor if you feel unwell. Rinse mouth.
IF ON SKIN: Wash with plenty of soap and water.
If skin irritation occurs: Get medical attention. Take off contaminated clothing and wash it before reuse.
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical attention.
In case of fire: Use water fog, carbon dioxide, alcohol-foam or dry chemical to extinguish
Storage and Disposal
Store in a well-ventilated place. Keep cool.
Dispose of contents and container in accordance with local and national regulations.

SECTION 3: Composition / Information On Ingredients

Chemical name	CAS No.	Concentration
2-Butoxyethanol	111-76-2	40-50%
Methyl ester, soybean oil	67784-80-9	40-50%
Tridecyl Alcohol Ethoxylate	78330-21-9	1-5%

Section 4. First-Aid Measures

Eye Contact: Immediately flush eyes with water while lifting the upper and lower lids. If irritation persists, seek medical attention.

Skin Contact: Wash with soap and water. Remove contaminated clothing and launder before reuse. Get medical attention if irritation develops or persists.

Inhalation: If symptoms of exposure develop, remove to fresh air. Administer artificial respiration if breathing has stopped. If breathing becomes difficult, administer oxygen and seek medical attention.

Ingestion: Rinse mouth with water. Do not induce vomiting. Never give anything by mouth to a person who is unconscious or drowsy. Get medical attention.

Most important symptoms/effects, acute and delayed: Cause eye and skin irritation. Inhalation of vapors may cause upper respiratory tract irritation. Harmful if swallowed. May cause gastrointestinal irritation, nausea vomiting, central nervous system effects, metabolic acidosis, kidney damage and damage to red blood cells.

Indication of immediate medical attention and special treatment, if necessary: No immediate medical attention is required.

SECTION 5 FIRE and EXPLOSION HAZARD DATA

Suitable extinguishing media: Use water fog, carbon dioxide, alcohol-foam or dry chemical to extinguish the fire. Water stream may spread fire.

Specific hazards arising from the chemical: Combustible liquid. Vapors are heavier than air and may flow along surfaces to distant ignition sources and flashback. Vapors will form explosive mixtures with air. Burning may produce carbon monoxide, carbon dioxide, aldehydes, ketones and organic acids.

Special protective equipment and precautions for fire-fighters: Firefighters should wear full emergency equipment and NIOSH approved positive pressure self-contained breathing apparatus.

SECTION 6 ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment, and emergency procedures: Eliminate all ignition sources. Ventilate area. Wear appropriate protective clothing and equipment (See Section 8).

Environmental hazards: Prevent runoff to storm sewers and ditches leading to natural waterways. Report spill as required by local and federal regulations.

Methods and materials for containment and cleaning up: Collect material using non-combustible absorbents and disposal in a suitable container.

SECTION 7 HANDLING and STORAGE

Precautions for safe handling Avoid contact with the eyes, skin and clothing. Avoid breathing vapors or mists. Use only with adequate ventilation. Remove and launder contaminated clothing before re-use. Wash exposed skin with

soap and water after use. Keep away from heat, sparks, flames and other sources of ignition. Do not permit smoking in use or storage areas.

Empty containers retain product residues. Do not cut, weld, braze, etc. on or near empty containers. Follow all SDS precautions in handling empty containers.

Conditions for safe storage, including any incompatibilities: Protect containers from physical damage. Store in a cool, well ventilated area away from oxidizing agents and other incompatible materials.

SECTION 8 EXPOSURE CONTROLS and PERSONAL PROTECTION

Exposure guidelines:

2-Butoxyethanol	50 ppm TWA OSHA PEL 20 ppm ACGIH TLV
Methyl ester, soybean oil	None Established
Tridecyl Alcohol Ethoxylate	None Established

Appropriate engineering controls: Good general room ventilation should be adequate under normal conditions. If the recommended exposure limit is exceeded increased mechanical ventilation such as local exhaust may be required.

Individual protection measures, such as personal protective equipment:

Respiratory Protection: Good general ventilation should be adequate under normal conditions. In operations where exposure limits are exceeded, a NIOSH approved respirator with organic vapor cartridges or supplied air respirator appropriate for the form and concentration of the contaminants should be used. Selection and use of respiratory equipment must be in accordance with OSHA 1910.134 and good industrial hygiene practice.

Skin protection: Impervious gloves such as butyl rubber are recommended for operations which may result in prolonged or repeated skin contact.

Eye protection: Chemical safety goggles are recommended if splashing may occur.

Other: Appropriate protective clothing as needed to prevent prolonged/ repeated skin contact. Suitable washing and eye flushing facilities should be available in the work area.

SECTION 9 PHYSICAL and CHEMICAL PROPERTIES

Appearance and Odor: Thick, milky white liquid with pleasant odor.

Odor threshold: 0.001 ppm (2-butoxyethanol)	pH: 7.58
Melting point/freezing point: -103°F (-75°C) (2-butoxyethanol)	Boiling point: 340°F (171°C) (2-butoxyethanol)
Flash point: 153°F (67°C) CC (2-butoxyethanol)	Evaporation rate: Not available
Flammability (solid, gas): Not applicable	
Flammable limits: LEL: 1.3% (2-butoxyethanol)	UEL: 10.6% (2-butoxyethanol)
Vapor pressure: Not available	Vapor density: Not available
Relative density: 1.062	Solubility in Water: Moderately
Partition coefficient: n-octanol/water: Not applicable	Auto-ignition temperature: Not applicable
Decomposition temperature: Not applicable	Viscosity: Not available

SECTION 10 STABILITY and REACTIVITY

Reactivity: Not expected to be reactive.

Chemical stability: This material is stable.

Possibility of hazardous reactions: None known.

Conditions to avoid: Keep away from heat, sparks and open flames.

Incompatible materials: Avoid strong acids, halogens and oxidizing agents.

Hazardous decomposition products: Thermal decomposition may yield toxic carbon monoxide; carbon dioxide, aldehydes, ketones and organic acids.

SECTION 11 TOXICOLOGICAL INFORMATION

HEALTH HAZARDS:

Inhalation: Excessive inhalation of vapors and mists may cause upper respiratory tract irritation.

Skin Contact: Causes irritation with redness.

Eye Contact: Causes eye irritation with redness, burning and tearing.

Ingestion: Harmful if swallowed. May cause gastrointestinal irritation, nausea vomiting, central nervous system effects, metabolic acidosis, kidney damage and damage to red blood cells.

Chronic Effects of Overexposure: None known.

Sensitization: None of the components are known to cause sensitization in animals or humans.

Reproductive Toxicity: 2-Butoxyethanol has been shown to cause fetotoxicity effects only at levels that were toxic to the mother.

Mutagenicity: None of the components have been found to be mutagenic.

Carcinogenicity: None of the components are listed as a carcinogen or suspect carcinogen by NTP, IARC or OSHA.

ACUTE TOXICITY VALUES:

Acute Toxicity Estimate: Oral 1010 mg/kg

2-Butoxyethanol: Oral guinea pig LD50 1414 mg/kg, Inhalation rat LC50 >3.9 mg/L/4 hr, Dermal Rabbit LD50 >2000 mg/kg

Methyl ester, soybean oil: Oral rat LD50 >5000 mg/kg, Dermal rabbit LD50 >2000 mg/kg

Tridecyl Alcohol Ethoxylate: Oral rat LD50 >300 mg/L

SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity:

2-Butoxyethanol: 96 hr LC50 *Oncorhynchus mykiss* 1474 mg/L, 48 hr EC50 *daphnia magna* 1550 mg/L, 72 hr EC50 *Pseudokirchnerella subcapitata* 911 mg/L

Methyl ester, soybean oil: 96 hr LC50 fish >1000 mg/L, 48 hr EC50 Crustacea >800 mg/L

Tridecyl Alcohol Ethoxylate: 96 hr LC50 *danio rerio* 12 mg/L, 48 hr EC50 *daphnia magna* 4.7 mg/L, 72 hr ErC50

Desmodesmus subspicatus 17 mg/L

Persistence and degradability: 2-Butoxyethanol and tridecyl alcohol ethoxylate are readily biodegradable.

Bioaccumulative potential: 2-Butoxyethanol has a BCF of 3.2 which suggests the potential for bioaccumulation is low.

Mobility in soil: 2-Butoxyethanol is highly mobile in soil.

Other adverse effects: None known.

SECTION 13: DISPOSAL INFORMATION

WASTE DISPOSAL METHOD: Dispose in accordance with all local, state and federal regulations.

SECTION 14: TRANSPORTATION INFORMATION

	UN Number	Proper shipping name	Hazard Class	Packing Group	Environmental Hazard
DOT In container		Exempted from Hazmat (49 CFR 173.150 (f))			

less than or equal to 119 gallons					
DOT In container greater than 119 gallons	NA1993	Combustible Liquid, n.o.s. (Ethylene glycol monobutyl ether)	3	PG III	

Transport in bulk (according to Annex II of MARPOL 73/78 and the IBC Code): Not applicable – product is transported only in packaged form.

Special precautions: None Known

SECTION 15: REGULATORY INFORMATION

Safety, health, and environmental regulations specific for the product in question.

EPA SARA 302: This product does not contain chemicals regulated under SARA Section 302.

EPA SARA 311 Hazard Classification: Acute health, Fire hazard.

EPA SARA 313: This product contains the following chemicals regulated under SARA Title III, section 313:

Glycol Ethers (2-Butoxyethanol)	111-76-2	40-50%
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CERCLA Hazardous Substances (Section 103)/RQ: This product is not subject to CERCLA reporting requirements as it is sold. Many states have more stringent release reporting requirements. Report spills required under federal, state and local regulations.

Toxic Substances Control Act: All of the components of this product are listed on the TSCA inventory.

California Proposition 65: This product contains the following chemicals which are known to the State of California to cause cancer and reproductive toxicity: None known

SECTION 16: OTHER INFORMATION

NFPA Rating: Health = 2 Flammability = 2 Instability = 0

SDS Revision History: New SDS

Date of preparation: May 3, 2018

Date of last revision: New SDS