



# MATERIAL SAFETY DATA SHEET (MSDS)

## Graffiti Remover

Aerosol Graffiti Remover

Specialty Cleaners



### SECTION I ► PRODUCT IDENTIFICATION

Product Name	Product Type	WHMIS Classification
Graffiti Remover	Aerosol Graffiti Remover	A, B5, D2A, D2B

### SECTION II ► HAZARDOUS INGREDIENTS

Chemical Name	Cas Registry No.	%	Toxicity
Toluene	108-88-3	30-60	LD50 5000 mg/kg ORAL - RAT
Diacetone alcohol	123-42-2	5-10	LD50 4000 mg/kg ORAL - RAT
Xylene	1330-20-7	5-10	LD50 4.3 g/kg ORAL - RAT
Ethyl benzene	100-41-4	1-5	LD50 5460 mg/kg ORAL - RAT
Isopropanol	67-63-0	1-5	LD50 >4720 mg/kg ORAL - RAT
Isobutane	75-28-5	10-30	Not available
Propane	74-98-6	1-5	Not available

### SECTION III ► PHYSICAL DATA

Appearance	Odour	pH	Boiling Point	Odour threshold	Evaporation rate	Density	Vapour Density	Solubility in water (%)
Off-White liquid	Characteristic	N/A	83-143 °C	Not available	Greater than 1 (n-butyl acetate = 1)	1.20-1.25 (water = 1)	Greater than 1	N / A

### SECTION IV ► FIRE AND EXPLOSION HAZARD DATA

**Flash Point (Closed Cup) (°C):** the lowest known value is CLOSED CUP: 4°C (toluene). Flame-extension of this product is greater than 15 cm but less than 100 cm.

**Special fire fighting procedures:** Use self contained breathing apparatus. For small fire, use dry chemicals or CO<sub>2</sub>, for large fire use foam. Only use water in fog form. Use water spray to keep container cool.

**Unusual fire and explosion hazards:** Do not expose aerosol containers to open flames, heat or ignition sources.

**Extinguishing media:** CO<sub>2</sub>, dry chemicals, foam, water

**Flammable Limits:** 1.1% (Lower) 1.2% (Upper)

**Auto-ignition Temperature:** 399-527°C

**Products of Combustion:** Hydrocarbon fumes & smoke, CO.

### SECTION V ► TOXICOLOGICAL PROPERTIES

**HAZARD RATING:** Health = 2 Flammability = 4 Reactivity = 0

**Swallowing:** May cause headache, weakness, nausea and vomiting.

**Inhalation:** Vapors may be irritating.

**Skin Absorption:** Effect unknown

**Skin Contact:** May cause irritation

**Eye Contact:** May cause irritation

**Carcinogenic Effect:** This product contains ethylbenzene (ethylbenzene is in xylene). Ethylbenzene has been shown to cause cancer in laboratory animals. Toxicity tests carried out for chronic effects and mutagenicity have been negative. The relevance of this finding to humans is uncertain. IARC has classified ethylbenzene as a possible human carcinogen.

**Rating System**  
 0 = Insignificant  
 1 = Slight  
 2 = Moderate  
 3 = High  
 4 = Extreme

### SECTION VI ► FIRST AID MEASURES

**Ingestion:** Do not induce vomiting. Call a physician immediately.

**Inhalation:** Remove to fresh air. If breathing is difficult, administer oxygen. Apply artificial respiration if necessary. Call a physician immediately

**Skin:** Wash thoroughly with soap and water.

**Eyes:** Flush with water for at least 15 minutes. Call a physician.

### SECTION VII ► REACTIVITY DATA

**Stable:** Yes

**Conditions to avoid:** Temperatures above 50°C, open flames, heat or other sources of ignition

**Incompatibility with other materials:** oxidizing agents.

**Hazardous decomposition products:** Hydrocarbon fumes, smoke, CO

**Hazardous polymerization:** Will not occur.

## SECTION VIII PREVENTATIVE MEASURES

Protective Gloves: Yes

Eye Protection: Yes

Ventilation: Local Exhaust: General: X

Respiratory Protection (Specify type): Be sure to use a MSHA/NIOSH approved respiratory or equivalent when ventilation is inadequate.

Other Protective Equipment: Long sleeved shirt and pants.

Steps to be taken in case material is released or spilled: Ventilate, remove all sources of ignition. Wear protective equipment. Absorb with an inert material for disposal

Waste disposal method: Do not puncture or incinerate. When container is empty, press button to release all pressure, then dispose of in garbage can. Use standard waste disposal methods in accordance with municipal, provincial and federal regulations.

Precautions to be taken in handling and storage: Store in a cool, well ventilated area below 50°C. Do not place in hot water or near radiator, stove or other sources of heat.

Other precautions: Follow label use instructions

UN: 1950

TDG Class: 2.1 Ltd. qty

TDG Emergency Telephone #: (613) 996-6666 (COLLECT)

## SECTION IX PREPARATION DATA

Prepared by: D.R. Dunlop Phone: (613) 745-6861

Date: December 1, 2009 Dustbane Products Limited, 25 Pickering Place, Ottawa, Ontario, K1G 5P4

## FEATURES AND BENEFITS

convenient packaging - fast, effective and easy to use

Does not contain C.F.C. – does not affect the ozone layer

Flushes off quickly

## WHERE TO USE

Use on any hard surfaces such as glazed and unglazed tile, oil based painted surfaces, baked enamel, ceramics, etc.

## HOW TO USE

Shake can vigorously before each use and spray no closer than 20-30 cm. Allow to work for several minutes then wipe off with a cloth or flush with a strong stream of water. Repeat if necessary. For porous surfaces, first wet with clean water. For stubborn stains, use a stiff brush before flushing with water. PRETEST: Before using, spray a small amount of product on surface to be cleaned to ensure surface is not affected. This product may soften some plastics, paints and asphalt tile, especially if used excessively.

## SPECIFICATIONS

**Appearance** : liquid aerosol concentrate

**Fragrance** : solvent

**WHMIS** : yes

**TDG** : yes