

# SAFETY DATA SHEET

## 1. IDENTIFICATION

Product Name: Reliable Brand Vandalism Remover  
Product Number: V00495  
Company Information: Veritiv Operating Company  
1000 Abernathy Rd NE, Suite 1700  
Atlanta, GA 30328 United States  
Company Phone: (844) 837-4848  
Emergency Telephone US: (866) 836-8855  
Emergency Telephone Outside US: (952) 852-4646  
Version: 01  
Recommended Use: Cleaner  
Recommended Restrictions: DO NOT USE IN A MANNER INCONSISTENT WITH THE LABEL

## 2. HAZARD IDENTIFICATION

Physical Hazards	Flammable aerosol	Category 1
Health Hazards	Skin corrosion/irritation	Category 2
	Serious eye damage/eye irritation	Category 2A
	Reproductive toxicity	Category 2
	Specific target organ toxicity, Single exposure	Category 3
	Specific target organ toxicity, Repeated toxicity	Category 2
	Aspiration Hazard	Category 1

### Label Elements



Signal Word: Danger  
Hazard Statement: Extremely flammable aerosol. May be fatal if swallowed and enters airways. Causes skin irritation. Causes serious eye irritation. May cause drowsiness or dizziness. Suspected of damaging fertility or the unborn child. May cause damage to organs through prolonged or repeated exposure.

Precautionary Statement:  
Precautions: Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Keep away from heat/sparks/open flames/hot surfaces. No smoking. Do not spray on an open flame or other ignition source. Pressurized container: Do not pierce or burn, even after use. Do not breathe gas. Wash thoroughly after handling. Use only outdoors or in a well-ventilated area. Wear protective gloves/protective clothing/eye protection/face protection.

Response: If swallowed: Immediately call a poison center/doctor. If swallowed: Rinse mouth. Do NOT induce vomiting. If on skin: Wash with plenty of water. If inhaled: Remove person to fresh air and keep comfortable for breathing. If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If exposed or concerned: Get medical advice/attention. Call a poison center/doctor if you feel unwell. Do NOT induce vomiting. If skin irritation occurs: Get medical advice/attention. If eye irritation persists: Get medical advice/attention. Take off contaminated clothing and wash before reuse.

Storage: Store in a well-ventilated place. Keep container tightly closed. Store locked up. Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F.

Disposal: Dispose of contents/container in accordance with local/regional/national/international regulations.

Supplemental Information: None

Hazard(s) not otherwise classified (HNOC): None Known

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

HAZARDOUS INGREDIENT(S)	CAS NUMBER	WEIGHT%
Toluene	108-88-3	20 – 40
2-Butoxyethanol	111-76-2	2.5 – 10
Acetone	67-64-1	2.5 – 10
Butane	106-97-8	2.5 – 10
Diethylene Glycol Monobutyl Ether	112-34-5	2.5 – 10
Propane	74-98-6	2.5 – 10
9-Octadecenoic Acid	112-80-1	1 – 2.5
Sodium Hydroxide	1310-73-2	0.1 – 1

Other components below reportable levels

20 - 40

EXACT PERCENTAGES ARE BEING WITHHELD AS TRADE SECRET INFORMATION

### 4. FIRST-AID MEASURES

Inhalation: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER or doctor/physician if you feel unwell.

Skin Contact: Wash off with soap and water. Get medical attention if irritation develops and persists.

Eye Contact: Rinse with water. Get medical attention if irritation develops and persists.

Ingestion: Rinse mouth. Get medical attention if symptoms occur.

Most Important Symptoms/Effects: May cause drowsiness and dizziness. Headache. Nausea, vomiting. Irritation of nose and throat. Aspiration may cause pulmonary edema and pneumonitis. Severe eye irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. Skin irritation. May cause redness and pain. Prolonged exposure may cause chronic effects.

NOTE TO PHYSICIAN: Provide general supportive measures and treat symptomatically. Keep victim under observation. Symptoms may be delayed.

### 5. FIRE FIGHTING MEASURES

Suitable Extinguishing Media: Powder. Foam. Carbon Dioxide (CO<sub>2</sub>).

Unsuitable Extinguishing Media: Do not use water jet as an extinguisher, as this will spread the fire.

Specific Hazards Arising from the chemical: Contents under pressure. Pressurized container may explode when exposed to heat or flame. During fire, gases hazardous to health may be formed.

Special Protective Equipment And Precautions for Firefighters: Firefighters must use standard protective equipment including flame retardant coat, helmet with face shield, gloves, rubber boots, and in enclosed spaces, SCBA.

Fire-Fighting Equipment/Instructions: In case of fire: Stop leak if safe to do so. Do not move cargo or vehicle if cargo has been exposed to heat. Move containers from fire area if you can do so without risk. Containers should be cooled with water to prevent vapor pressure build up. For massive fire in cargo area, use unmanned hose holder or monitor nozzles, if possible. If not, withdraw and let fire burn out.

Specific Methods: Cool containers exposed to flames with water until well after the fire is out.

## 6. ACCIDENTAL RELEASE MEASURES

Personal Precautions:	Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Keep out of low areas. Wear appropriate protective equipment and clothing during clean-up. Emergency personnel need self-contained breathing equipment. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Ventilate closed spaces before entering them. Local authorities should be advised if significant spillages cannot be contained. For personal protection, see section 8 of the SDS.
Environmental Precautions:	Avoid discharge into drains, water courses or onto the ground.
Clean-Up Methods:	Refer to attached safety data sheets and/or instructions for use. Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Keep combustibles (wood, paper, oil, etc.) away from spilled material. Stop leak if you can do so without risk. Move the cylinder to a safe and open area if the leak is irreparable. Isolate area until gas has dispersed. Prevent entry into waterways, sewer, basements or confined areas. Following product recovery, flush area with water. For waste disposal, see section 13 of the SDS.

## 7. HANDLING AND STORAGE

Handling:	Pressurized container: Do not pierce or burn, even after use. Do not use if spray button is missing or defective. Do not spray on a naked flame or any other incandescent material. Do not smoke while using or until sprayed surface is thoroughly dry. Do not cut, weld, solder, drill, grind, or expose containers to heat, flame, sparks, or other sources of ignition. Ground and bond containers when transferring material. Do not re-use empty containers. Do not get in eyes, on skin, or on clothing. Avoid breathing mist or vapor. Avoid prolonged exposure. Use only in well-ventilated areas. Wear appropriate personal protective equipment. Observe good industrial hygiene practices.
Storage:	Level 2 Aerosol. Contents under pressure. Do not expose to heat or store at temperatures above 120 °F/49 °C as can may burst. Do not puncture, incinerate or crush. Do not handle or store near an open flame, heat or other sources of ignition. Store in a well-ventilated place. Store away from incompatible materials (see Section 10 of the SDS).

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Occupational Exposure Limits  
US OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000)

Component	Type	Value
2-Butoxyethanol (CAS 111-76-2)	PEL	240 mg/m <sup>3</sup> 50 ppm
Acetone (CAS 67-64-1)	PEL	2400 mg/m <sup>3</sup> 1000 ppm
Propane (CAS 74-98-6)	PEL	1800 mg/m <sup>3</sup> 1000 ppm
Sodium Hydroxide (CAS 1310-73-2)	PEL	2 mg/m <sup>3</sup>

US OSHA Table Z-2 (29 CFR 1910.1000)

Component	Type	Value
Toluene (CAS 108-88-3)	Ceiling TWA	300 ppm 200 ppm

US ACGIH Threshold Limit Values

Component	Type	Value
2-Butoxyethanol (CAS 111-76-2)	TWA	20 ppm
Acetone (CAS 67-64-1)	STEL TWA	750 ppm 500 ppm
Butane (CAS 106-97-8)	STEL	1000 ppm

Diethylene Glycol Monobutyl Ether (CAS 112-34-5)	TWA	10 ppm
Sodium Hydroxide (CAS 1310-73-2)	Ceiling	2 mg/m <sup>3</sup>
Toluene (CAS 108-88-3)	TWA	20 ppm

US NIOSH: Pocket Guide to Chemical Hazards Components

Component	Type	Value
2-Butoxyethanol (CAS 111-76-2)	TWA	24 mg/m <sup>3</sup> 5 ppm
Acetone (CAS 67-64-1)	TWA	590 mg/m <sup>3</sup> 250 ppm
Butane (CAS 106-97-8)	TWA	1900 mg/m <sup>3</sup> 800 ppm
Propane (74-98-6)	TWA	1900 mg/m <sup>3</sup> 1000 ppm
Sodium Hydroxide (CAS 1310-73-2)	Ceiling	2 mg/m <sup>3</sup>
Toluene (CAS 108-88-3)	STEL	560 mg/m <sup>3</sup> 150 ppm
	TWA	375 mg/m <sup>3</sup> 100 ppm

Exposure guidelines

US – California OELs: Skin designation	
2-Butoxyethanol (CAS 111-76-2)	Can be absorbed through the skin
Toluene (CAS 108-88-3)	Can be absorbed through the skin
US – Minnesota Haz Subs: Skin designation applies	
2-Butoxyethanol (CAS 111-76-2)	Skin designation applies.
Toluene (CAS 108-88-3)	Skin designation applies.
US – Tennessee OELs: Skin designation	
2-Butoxyethanol (CAS 111-76-2)	Can be absorbed through the skin
US NIOSH Pocket Guide to Chemical Hazards: Skin designation	
2-Butoxyethanol (CAS 111-76-2)	Can be absorbed through the skin
US OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000)	
2-Butoxyethanol (CAS 111-76-2)	Can be absorbed through the skin

Engineering Controls:

Good general ventilation (typically 10 air changes per hour) should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level. Provide eyewash station.

Personal Protective Equipment:

Eyes: Wear safety glasses with side shields (or goggles).  
 Hands: Wear appropriate chemical resistant gloves.  
 Respiratory: If permissible levels are exceeded use NIOSH mechanical filter / organic vapor cartridge or an air-supplied respirator.  
 Feet: Wear suitable protective clothing.  
 Body: Wear suitable protective clothing.

General Hygiene Considerations:

When using, do not smoke. Always observe good personal hygiene measures such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance

Physical State: Liquefied gas.  
 Form: Aerosol.

Color	Tan
Odor	Solvent
Odor Threshold	Not Available
pH	12.4 – 13.4
Melting point/Freezing point	Not Available
Initial boiling point and boiling range	Not Available
Flash Point	-156.0°F (-104.4°C) Propellant estimated
Evaporation Rate	Not Available
Flammability (solid, gas)	Not Available
Upper/Lower flammability or explosive limits	
Flammability Limit – Lower (%)	Not Available
Flammability Limit – Upper (%)	Not Available
Explosive Limit – Lower (%)	Not Available
Explosive Limit – Upper (%)	Not Available
Vapor Pressure	60 – 75 psig @70°F
Vapor Density	Not Available
Relative Density	Not Available
Solubility (Water)	Not Available
Partition Coefficient	Not Available
Auto-Ignition Temperature	Not Available
Decomposition Temperature	Not Available
Viscosity	Not Available
Specific Gravity	0.9370

## 10. STABILITY AND REACTIVITY

Chemical Stability	Material is stable under normal conditions.
Reactivity	Reacts violently with strong acids. This product may react with oxidizing agents.
Possibility of Hazardous Reactions	Hazardous polymerization does not occur.
Conditions to Avoid	Avoid heat, sparks, open flames and other ignition sources. Contact with incompatible materials.
Incompatible Materials	Acids. Strong oxidizing agents. Nitrates. Fluorine. Chlorine.
Hazardous Decomposition Products	No hazardous decomposition products are known.

## 11. TOXICOLOGICAL INFORMATION

Information of Routes of Exposure: No LC50/LD50 Test Data on Mixture Available

Acute Effects/Symptoms:

Eyes:	Causes severe eye irritation.
Skin:	Causes skin irritation. 2-Butoxyethanol may be absorbed through the skin in toxic amounts if contact is repeated and prolonged. These effects have not been observed in humans.
Ingestion:	Droplets of the product aspirated into the lungs through ingestion or vomiting may cause a serious chemical pneumonia.
Inhalation:	May cause damage to organs through prolonged or repeated exposure by inhalation. May cause drowsiness and dizziness. Headache. Nausea, vomiting. Narcotic effects. Prolonged inhalation may be harmful.
Carcinogens:	This product is not considered to be a carcinogen by IARC, ACGIH, NTP, or OSHA.
Germ Cell Mutagenicity:	No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.
Respiratory Sensitizer:	This product is not expected to cause respiratory sensitization.
Skin Sensitizer:	This product is not expected to cause skin sensitization.
Reproductive Toxicity:	Suspected of damaging fertility or the unborn child.
Specific Target Organs (Single/Repeated):	May cause drowsiness and dizziness. May cause damage to organs through prolonged or repeated exposure (respiratory system, skin, kidneys, central nervous system, eyes, liver).
Aspiration Hazard:	May be fatal if swallowed and enters airways.

## 12. ECOLOGICAL INFORMATION

Ecotoxicity/Chemical Fate: Not Test Data on Mixture Available

## 13. DISPOSAL CONSIDERATION

Disposal Method: Dispose of contents in accordance with all federal, state, and local applicable laws and regulations. Consult state and local authorities for restrictions on disposal of chemical waste. Manage chemical wastes through an approved waste treatment facility. Pressurized container: Do not pierce or burn, even after use. Do not incinerate. When contents are depleted continue to depress button until all gas is expelled. Aerosol cylinder is not refillable. Give to a disposal service equipped to safely dispose of pressurized containers. Please recycle packaging whenever possible.

## 14. TRANSPORTATION INFORMATION

DOT/IMDG/TDG UN1950, Aerosols, flammable, 2.1, LTD. QTY.

## 15. REGULATORY INFORMATION

US Federal Regulations This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200. All components are on the US EPA TSCA Inventory List.

TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)  
Not regulated.

CERCLA Hazardous Substance List (40 CFR 302.4)  
Acetone (CAS 67-64-1)  
Sodium Hydroxide (CAS 1310-73-2)  
Toluene (CAS 108-88-3)

SARA 304 Emergency Release Notification  
Not Regulated.

OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)  
Not Listed.

Superfund Amendments and Reauthorized Act of 1986 (SARA)  
Hazard Categories Immediate Hazard – Yes  
Delayed Hazard – Yes  
Fire Hazard – Yes  
Pressure Hazard – Yes  
Reactivity Hazard – No

SARA 302 Extremely Hazardous Substance  
Not listed

SARA 311/312 Hazardous Chemical  
No

SARA 313 (TRI Reporting)

Chemical Name	CAS No	% by weight
Toluene	108-88-3	20 – 40

Other Federal Regulations

Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List  
Toluene (CAS 108-88-3)

Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130)  
Butane (CAS 106-97-8)  
Propane (CAS 74-98-6)

Safe Drinking Water Act (SDWA)  
Not Regulated.

US State Regulations

US Massachusetts RTK – Substance List  
2-Butoxyethanol (CAS 111-76-2)  
Acetone (CAS 64-67-1)  
Butane (CAS 106-97-8)

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Propane (CAS 74-98-6)  
Sodium Hydroxide (CAS 1310-73-2)  
Toluene (CAS 108-88-3)  
US New Jersey Worker and Community Right-To-Know Act  
2-Butoxyethanol (CAS 111-76-2)  
Acetone (CAS 64-67-1)  
Butane (CAS 106-97-8)  
Propane (CAS 74-98-6)  
Sodium Hydroxide (CAS 1310-73-2)  
Toluene (CAS 108-88-3)  
US Pennsylvania Worker and Community Right-To-Know Law  
2-Butoxyethanol (CAS 111-76-2)  
9-Octadecenoic Acid (CAS 112-80-1)  
Acetone (CAS 64-67-1)  
Butane (CAS 106-97-8)  
Propane (CAS 74-98-6)  
Sodium Hydroxide (CAS 1310-73-2)  
Toluene (CAS 108-88-3)  
US Rhode Island RTK  
Acetone (CAS 64-67-1)  
Butane (CAS 106-97-8)  
Propane (CAS 74-98-6)  
Sodium Hydroxide (CAS 1310-73-2)  
Toluene (CAS 108-88-3)  
US California Proposition 65  
California Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65): WARNING:  
This product contains a chemical known to the state of California to cause birth defects or other reproductive harm.

## 16. OTHER INFORMATION

Issue Date: 03-31-2016  
Version: 01  
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.