

Issue Date 12/16/2013

Revision Date 01/28/2022

Version 2

1. PRODUCT AND COMPANY IDENTIFICATION

Product Identifier

Product Name Graffiti Eraser

Other means of identification

Product Code 5602

Recommended use of the chemical and restrictions on use

Recommended use Paint and Varnish Remover
Uses Advised Against For industrial and institutional use only.

Details of the supplier of the safety data sheet

Company Name Blue Cardinal Chemical, LLC
3670 Scarlet Oak Blvd.
St. Louis, MO 63122
800-325-3312

Emergency telephone number

Emergency Telephone CHEMTEL 1-800-255-3924

2. HAZARDS IDENTIFICATION

Classification

Flammable Aerosol	Category 1
Gases Under Pressure	Liquefied Gas
Skin Irritant	Category 2
Eye Irritant	Category 2A
Skin Sensitization	Category 1
Specific Target Organ Toxicity (Single Exposure)	Category 3
Specific Target Organ Toxicity (Repeated Exposure)	Category 2
Aspiration Hazard	Category 1

Label elements

Emergency Overview

DANGER

Hazard statements

Extremely flammable aerosol. Contains gas under pressure; may explode if heated. Causes skin and serious eye irritation. May cause an allergic skin reaction. May cause drowsiness or dizziness. May cause damage to auditory system through prolonged or repeated exposure. May be fatal if swallowed and enters airways.



Appearance: Viscous, light tan spray.

Physical state: Liquefied Gas

Odor: Acetone



Precautionary Statements - Prevention

Keep away from heat, sparks, open flames and 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. Wash hands thoroughly after handling. Wear protective gloves and eye protection.

Precautionary Statements - Response

If on skin: Wash with plenty of water. If skin irritation or rash occurs: Get medical advice or 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 advice or attention. Do not breathe mist, vapors and spray. Contaminated work clothing must not be allowed out of the workplace. Use only outdoors or in a well-ventilated area. If inhaled: Remove person to fresh air and keep comfortable for breathing. Call a poison center or doctor if you feel unwell. If swallowed: Immediately call a poison center or doctor. Do NOT induce vomiting.

Precautionary Statements - Storage

Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F. Store in a well-ventilated place.

Precautionary Statements - Disposal

Dispose of contents and container in accordance with local, state and federal regulations.

Hazards not otherwise classified (HNOC)**Other Information**

• N/A

Unknown Acute Toxicity

N/A

3. COMPOSITION/INFORMATION ON INGREDIENTS

CHEMICAL NAME	CAS NO.	WEIGHT - %	TRADE SECRET
Xylene	1330-20-7	20-30%	*
Acetone	67-64-1	10-20%	*
Diethylene glycol n-butyl ether	112-34-5	10-20%	*
Propane	74-98-6	5-10%	*
n-Butane	106-97-8	5-10%	*
d-Limonene	5989-27-5	1-5%	*

*The exact percentage (concentration) of composition has been withheld as a trade secret.

4. FIRST AID MEASURES**First aid measures****Skin Contact**

Immediately wash with soap and water for 15 minutes. Seek medical attention if an allergic reaction occurs or an irritation persists. Take off contaminated clothing and wash it before reuse.

Eye Contact

Immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses, if present and easy to do. Seek medical attention if irritation persists.

Inhalation

Move to fresh air. If irritation or other symptoms develop, seek medical attention.

Ingestion

Rinse mouth out with water. Do not induce vomiting unless directed by medical authority. Keep head below hips if vomiting occurs. Seek immediate medical attention. Aspiration hazard. Never give anything by mouth to an unconscious person.

Most important symptoms and effect, both acute and delayed**Symptoms**

ACUTE HEALTH HAZARDS: Causes skin irritation including redness, burning and drying/cracking. May cause an allergic skin reaction. Causes eye irritation including redness, tearing, and pain. Inhalation of vapors may cause nausea, dizziness and drowsiness. Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea. Aspiration may cause pulmonary edema and pneumonitis.

CHRONIC HEALTH HAZARDS: Skin disorders, drying and irritation of the skin. May cause damage to the following organs: kidneys, liver, respiratory, reproductive and central nervous systems.

Indication of any immediate medical attention and special treatment needed

Note to physicians

Treatment of overexposure should be directed at the control of symptoms and the clinical condition. If ingested, material may be aspirated into the lungs and cause chemical pneumonitis. Treat appropriately.

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media

Dry chemical, carbon dioxide, foam, and water spray or fog.

Unsuitable extinguishing media: Water jets or streams.

Unusual fire and explosion hazards

EXTREMELY FLAMMABLE. Contents under pressure. Exposure to temperatures above 120°F may cause bursting. Keep away from heat, sparks, open flames and other sources of ignition. May develop a flammable atmosphere in confined areas. Vapors are heavier than air and can accumulate in low areas. Vapors may travel considerable distance to a source of ignition and flash back. Exposure to ignition sources can ignite vapors, causing a flash fire.

Hazardous combustion products

Oxides of carbon, various hydrocarbons.

Special fire fighting procedures

Wear NIOSH approved Self Contained Breathing Apparatus with a full face piece operated in a positive pressure demand mode with full body protective clothing when fighting fires. Shut off all sources of ignition. Use water spray to disperse vapor and cool fire exposed containers. Prevent run off from entering streams, sewers, or drinking water supply.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Personal precautions

Refer to section 8 for proper Personal Protective Equipment.

Methods and material for containment and cleaning up

Methods for containment & cleaning up

Eliminate all sources of ignition. Clean up using cloth or absorbent material. Dispose of product-containing wiping cloth or absorbent paper in suitable manner. Place waste in proper containers for disposal. U.S. regulations (CERCLA) require reporting spills and releases to soil, water and air in excess of reportable quantities. The toll-free number for the U.S. Coast Guard National Response Center is 800-424-8802. Dispose of in accordance with local, state, and federal regulations. Do not dump in sewers. Wrap container and place in trash collection. Do not puncture, incinerate, or reuse container.

RCRA status

Waste likely considered D00 1 (Ignitable waste), under RCRA, however product should be fully characterized prior to disposal (40 CFR 261).

7. HANDLING AND STORAGE

Precautions for safe handling

Advice on Safe Handling

Keep out of the reach of children. Aspiration hazard if swallowed. Can enter lungs and cause damage. Avoid contact with eyes, skin and clothing. Wash thoroughly after handling. Do not taste or swallow. Read and follow the directions on the product label. They are the best guide to using the product in the most effective manner. The label also gives you the necessary safety precautions to protect your health.

Conditions for safe storage, including any incompatibilities**Storage Conditions**

Do not use or store near heat, open flames, or other sources of ignition. Wear proper personal protective equipment when using this product. Avoid contact with skin, eyes and clothing. Do not inhale mist or vapor. Do not use or store with strong oxidizers. Protect from sunlight. Store in a well ventilated area. Do not expose to temperatures exceeding 50°C/122°F. Pressurized container: Do not pierce or burn, even after use. Store in a cool, dry area.

Incompatible Materials

Strong alkalis, strong oxidizing agents, some plastics, rubber. Strong acids. Strong reducing agents.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION**Control parameters**

CHEMICAL NAME	OSHA PEL	ACGIH TLV
Xylene	100 ppm	100 ppm
Acetone	1000 ppm	250 ppm
Diethylene glycol n-butyl ether	Not Established	10 ppm (inhalable fraction and vapor)
Propane	1000 ppm	1000 ppm
n-Butane	Not Established	1000 ppm
d-Limonene	Not Established	Not Established

Appropriate engineering controls**Engineering Controls**

Local ventilation/exhaust preferred. Material is flammable and heavier than air. Material may concentrate in low lying areas. Use only outdoors or in a well-ventilated area.

Individual protection measures, such as personal protective equipment**Eye/face protection**

Chemical resistant gloves

Skin and body protection

Safety glasses/goggles

Respiratory protection

Not required with normal use. Wear NIOSH/MSHA approved respiratory protection if exposure limits are exceeded.

Additional Measures

No smoking or open flames. Wear protective clothing to prevent repeated or prolonged contact with product. If clothing becomes contaminated, immediately remove and wash. Contaminated work clothing must not be allowed out of the workplace. Avoid contact with skin or eyes and avoid breathing vapors. Wash hands after use.

9. PHYSICAL AND CHEMICAL PROPERTIES**Information on basic physical and chemical properties****Physical State**

Liquefied Gas

Appearance

Viscous, light tan spray

Color

Light tan

Odor

Acetone

Odor Threshold

N/D

Property**Values****pH**

N/D

Melting Point/Freezing Point

N/D

Initial Boiling Point And Boiling Range

N/D

Flash Point

N/D

Evaporation Rate	N/D
Flammability (Solid/Gas)	Extremely Flammable Aerosol
Upper/Lower Flammability Or Explosive Limits	
Lower Flammability Limit	N/D
Upper Flammability Limit	N/D
Explosive Limit Lower(%)	N/D
Explosive Limit Upper(%)	N/D
Vapor Pressure (mm Hg)	N/D
Vapor Density (AIR=1)	N/D
Relative Density (H2O=1)	N/D
Solubility (IES)	N/D
Partition Coefficient	n-OCTANOL/WATER (Kow): N/D
Autoignition Temperature	N/D
Decomposition Temperature	N/D
Viscosity	N/D

10. STABILITY AND REACTIVITY

Reactivity

Certain plastics, rubber and coatings.

Chemical Stability

Stable.

Possibility of Hazardous Reactions

None known.

Conditions to Avoid

Temperatures greater than 122°F and sources of ignition. Avoid incompatibles.

Incompatible Materials

Strong alkalis, strong oxidizing agents, some plastics, rubber. Strong acids. Strong reducing agents.

Hazardous Decomposition Products

Oxides of carbon.

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure Eyes, Inhalation, Skin

Product Information

Skin Contact	Causes irritation, redness, itching, and pain.
Eye Contact	Causes irritation. May cause conjunctivitis with possible corneal injury. May cause irritation, pain, redness, tearing, swelling.
Inhalation	May cause respiratory tract irritation, dizziness, headaches, nausea, unconsciousness, central nervous system (CNS) depression.
Ingestion	Not an expected route of exposure. May cause gastrointestinal irritation, nausea, diarrhea, vomiting, abdominal cramps.

CHEMICAL NAME	ORAL LD50	DERMAL LD50	INHALATION LC50
Xylene (1330-20-7)	(Oral, Rat) 4000 mg/kg		(Inhalation, Vapor, Mice) 5000 ppm.
Acetone (67-64-1)	(Oral, Rat) 5800 mg/kg (Oral, Mouse) 3000 mg/kg (Oral, Rabbit) 5340 mg/kg		(Inhalation, Rat, 8h) 50100 mg m3 (Inhalation, Mouse, 4h) 44,000 mg/m3
Propane (74-98-6)			(Inhalation, Rat, 4h) 658 mg/L.
n-Butane (106-97-8)			(Inhalation, Rat, 4h) 30957 mg/m3
d-Limonene (5989-27-5)	(Oral, Rat) 4400 mg/kg (Mouse) 5600 mg/kg	(Dermal, Rabbit) 5000 mg/kg	

Information on toxicological effects**Symptoms**

MEDICAL CONDITION AGGRAVATED: Pre-existing conditions of the skin, liver, kidneys, central nervous system (CNS) and respiratory system.

ACUTE HEALTH HAZARDS: Causes skin irritation including redness, burning and drying/cracking. May cause an allergic skin reaction. Causes eye irritation including redness, tearing, and pain. Inhalation of vapors may cause nausea, dizziness and drowsiness. Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea. Aspiration may cause pulmonary edema and pneumonitis.

CHRONIC HEALTH HAZARDS: Skin disorders, drying and irritation of the skin. May cause damage to the following organs: kidneys, liver, respiratory, reproductive and central nervous systems.

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Carcinogenicity OSHA: Not classified. ACGIH: A4 - Not Human/Animal NTP: No IARC: 3 - Not classifiable OTHER: CA Prop 65

ACGIH (American Conference of Governmental Industrial Hygienists)

A3 - Animal Carcinogen

IARC (International Agency for Research on Cancer)

Group 2B - Possibly Carcinogenic to Humans

Group 3 - Not classifiable as a human carcinogen

NTP (National Toxicology Program)

Reasonably Anticipated - Reasonably Anticipated to be a Human Carcinogen

OSHA (Occupational Safety and Health Administration of the US Department of Labor)

X - Present

12. ECOLOGICAL INFORMATION**Ecotoxicity**

Toxic to aquatic life with long lasting effects. **Acetone (67-64-1)**: LC50 (*Oncorhynchus mykiss*, 96h) 5540 mg/L; EC50 (*Daphnia magna*, 48h) 6100 mg/L; EC50 (*Selenastrum quadricauda*, 8d) 7500 mg/L; EC50 (*Pseudomonas putida*, 16h) 1700 mg/L. **Diethylene glycol n-butyl ether (112-34-5)**: LC50 (*Lepomis macrochirus*, 96h) 1,300 mg/L; LC50 (*Pseudomonas putida*, 16h) 1,170 mg/L; EC50 (*Daphnia magna*, 48h) > 1000 mg/L; EC50 (*Scenedesmus* sp., 72h) > 100 mg/L. **d-Limonene (5989-27-5)**: EC50 (*Pimephales promelas*, 96h) 688 µg/L; EC50 (*Daphnia magna*, 48h) 421 µg/L

Soil Mobility

This product is mobile in soil.

Persistence and Degradability

This product is biodegradable.

Bioaccumulation

This product is not expected to bioaccumulate.

Other Adverse Effects

None known.

13. DISPOSAL CONSIDERATIONS**Waste treatment methods****Disposal of wastes**

Dispose of in accordance with local, state, and federal regulations. Do not dump in sewers. Wrap container and place in trash collection. Do not puncture, incinerate, or reuse container.

RCRA status

Waste likely considered D001 (Ignitable waste), under RCRA, however product should be fully characterized prior to disposal (40 CFR 261).

14. TRANSPORT INFORMATION

The basic description below is specific to the container size. This information is provided for at a glance DOT information. Please refer to the container and/or shipping papers for the appropriate shipping description before tendering this material for shipment. For additional information, please contact the distributor listed in section 1 of this SDS.

DOT

UN/ID No. UN 1950
 Proper Shipping Name Aerosols, Ltd. Qty.
 Hazard Class 2.1
 Packing Group N/A

AIR SHIPMENT

UN/ID No. UN 1950
 Proper Shipping Name Aerosols, Flammable
 Hazard Class 2.1
 Packing Group N/A

SHIPPING BY WATER: VESSEL (IMO/IMDG)

UN/ID No. UN 1950
 Proper Shipping Name Aerosols
 Hazard Class 2.1
 Environmental Hazards Water N/A
 Packing Group N/A

15. REGULATORY INFORMATION**International Inventories**

TSCA All Chemicals are listed or exempt.

Legend:

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory

US Federal Regulations**SARA 313**

Xylenes (1330-20-7). Ethyl benzene (100-41-4). Cumene (98-82-8).

SARA 311/312 Hazard Categories

Flammable (gases, aerosols, liquids, solids). Gas under pressure. Skin corrosion or irritation. Serious eye damage or eye irritation. Respiratory or skin sensitization. Specific target organ toxicity (single or repeated exposure). Aspiration hazard.

CERCLA

Xylenes (1330-20-7) Reportable Quantity= 100 pounds. **Acetone (67-64-1)** Reportable Quantity= 5,000 pounds. **Ethyl benzene (100-41-4)** Reportable Quantity = 1000 pounds. **Cumene (98-82-8)** Reportable Quantity = 5,000 pounds.

CWA (Clean Water Act)

Acetone (67-64-1) is a hazardous substance. **Ethyl benzene (100-41-1)** is a hazardous substance. **Cumene (98-82-8)** is a hazardous substance.

US State Regulations

California Proposition 65: WARNING: This product can expose you to chemicals including Ethylbenzene, which is known to the State of California to cause cancer. For more information go to www.P65Warnings.ca.gov.

U.S. State Right-to-Know Regulations

Included on State Hazardous Substances Inventories, Right-to-Know lists and/or Air Quality or Air Pollutants lists for the following states:

Chemical Name	CA	DE	ID	ME	MA	MN	NJ	PA	NY	RI	WA	CT	FL	IL	TN	LA
Xylene (1330-20- 7)	X	X	X	X	X	X	X	X	X	X	X					
Acetone (67-64-1)	X	X	X	X	X	X	X	X		X	X					
Diethylene glycol n-butyl ether (DB) (112-34-5)							X	X								

International Regulations

Listed or exempt from listing/notification on the following chemical inventories: Domestic Substances List and/or Non-domestic Substances List (DSL/NDL, Canada).

Volatile Organic Compounds (VOC)

50%

16. OTHER INFORMATION

NFPA	Health hazards	2	Flammability	3	Reactivity	0	Other	None
HMIS	Health hazards	2	Flammability	3	Reactivity	0	Personal protection	B

Issue Date 12/16/2013

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Revision Note

N/A = Not Applicable; N/D = Not Determined

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