

SDS570A BEAVER BITE

Preparation Date: January 5, 2019

1. IDENTIFICATION**Product identifier****Product Name – BEAVER BITE****Other means of identification****Product Code(s) SDS570A****Recommended use of the chemical and restrictions on use****Recommended Use: Porous Surface Graffiti Remover****Restricted Uses** No information available**Emergency telephone number****24 Hour Emergency Phone Number (CANUTEC): 1-888-226-8832 (1-888-CAN-UTEC)****2. HAZARD IDENTIFICATION****Hazardous Classification of the substance or mixture**

Flammable liquids – Category 4

Acute toxicity - Oral Category 4

Acute toxicity - Dermal Category 4

Acute toxicity - Inhalation (Dusts/Mists) Category 4

Skin corrosion/irritation Category 2

Initial Supplier IdentifierConcept Manufacturing Ltd.
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West Kelowna BC V1Z 2S9
Tel: 250.491.5656**Distributed By: @removemygraffiti**Kelowna BC V1Y 8S9
1.866.214.7873
1.250.860.8883**Label elements****Hazard pictograms****Signal Word: Warning****Hazard statements**

Combustible liquid

Harmful if swallowed

Harmful in contact with skin

Harmful if inhaled

Causes skin irritation

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

Avoid breathing dust/fume/gas/mist/vapors/spray

Use only outdoors or in a well-ventilated area

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking

Response

Specific treatment (see first aid instructions on label)

IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower

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IF INHALED: Remove person to fresh air and keep comfortable for breathing
IF SWALLOWED: Rinse mouth. DO NOT induce vomiting
In case of fire: Use dry sand, dry chemical or alcohol-resistant foam to extinguish

Storage

Store in a well-ventilated place

Disposal

Dispose of contents/container to an approved waste disposal plant

Other Information

Harmful to aquatic life with long lasting effects

Unknown acute toxicity No information available

SDS570A BEAVER BITE**3. COMPOSITION/INFORMATION ON INGREDIENTS****Substance**

Chemical Name	CAS No	Weight-%	Synonyms
Benzyl Alcohol	100-51-6	60 - 90%	Benzyl Alcohol
Decyl Glucoside	68515-73-1	5 – 10%	APG

4. FIRST AID**Description of first aid measures****General advice**

Show this safety data sheet to the doctor in attendance.

Inhalation

Remove to fresh air.

Eye contact

Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Keep eye wide open while rinsing. Do not rub affected area. Remove contact lenses, if present and easy to do. Continue rinsing.

Skin contact

Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes. If symptoms persist, call a physician.

Ingestion

Do NOT induce vomiting. Clean mouth with water and drink afterwards plenty of water. Never give anything by mouth to an unconscious person. Call a physician.

Self-protection of the first aider

Remove all sources of ignition. Ensure that medical personnel are aware of the material(s) involved, take precautions to protect themselves and prevent spread of contamination. Wear personal protective clothing (see section 8).

Most important symptoms and effects, both acute and delayed:

Prolonged or repeated contact may cause defatting and drying of the skin. May be absorbed through the skin and contribute to the symptoms listed under ingestion. May cause eye damage. Can cause redness, irritation, tearing, pain. Respiratory irritation signs and symptoms may include a temporary burning sensation of the nose and throat, coughing, and/or difficulty breathing. Excessive inhalation of vapors can cause nasal and respiratory irritation, dizziness, weakness, fatigue, nausea and headache. May cause irritation, redness, pain and tissue injury.

Large doses may cause sore throat, coughing, labored respiration, dizziness, dullness, abdominal pain, vomiting, central nervous system depression, convulsions, and death due to respiratory failure. May be absorbed into the bloodstream with symptoms similar to ingestion.

Indication of any immediate medical attention and special treatment needed:**Note to physicians**

Treatment based on sound judgment of physician and individual reactions of patient.

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5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media

Dry chemical. Carbon dioxide (CO₂). Water spray. Alcohol resistant foam.

Specific hazards arising from the substance or mixture

Use water spray to cool fire-exposed containers and structures. Isolate and restrict area access. Do not use a solid stream of water; this may cause spattering and spread the fire.

Hazardous combustion products

Carbon monoxide. Carbon dioxide.

Special protective equipment for fire-fighters

Firefighters should wear self-contained breathing apparatus and full firefighting turnout gear. Use personal protection equipment.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Evacuate personnel to safe areas. Use personal protective equipment as required. See section 8 for more information. Take precautionary measures against static discharges. Do not touch or walk through spilled material. Avoid contact with skin, eyes or clothing. Ensure adequate ventilation.

Environmental precautions

Refer to protective measures listed in Sections 7 and 8. Prevent further leakage or spillage if safe to do so.

Methods and materials for containment and cleaning up

Stop leak if you can do it without risk. Do not touch or walk through spilled material. Dike far ahead of liquid spill for later disposal.

Take precautionary measures against static discharges. Dam up. Soak up with inert absorbent material. Pick up and transfer to properly labeled containers.

7. HANDLING AND STORAGE

Precautions for safe handling

Avoid breathing vapor. Avoid contact with eyes, skin and clothing. Wash thoroughly after handling. Keep away from heat, sparks and flame. Launder contaminated clothing prior to reuse. Protect from freezing. Do not cut, drill, grind, weld or perform similar operations on or near containers. Empty containers may contain hazardous product residues. Handle and open containers with care. Protect against physical damage. DO NOT reuse empty containers without commercial cleaning or reconditioning.

Conditions for safe storage, including any incompatibilities

Store in a cool, dry, well ventilated area, away from heat and ignition sources. Place away from incompatible materials. Do not reuse containers. Containers of this material may be hazardous when empty since they retain product residues (vapors, liquid).

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

Exposure Limits This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.

Chemical Name	Alberta OEL	British Columbia OEL	Ontario	Quebec OEL	Exposure Limit - ACGIH	Immediately Dangerous to Life or Health - IDLH
Benzyl Alcohol 100-51-6	Not available	Not available	Not available	Not available	Not available	Not available

Consult local authorities for recommended exposure limits

SDS570A BEAVER BITE**Appropriate engineering controls****Engineering controls**

Use process enclosure, local exhaust ventilation, or other engineering controls to keep airborne levels below recommended exposure limits.

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

Chemical goggles; also wear a face shield if splashing hazard exists.

Hand protection

Appropriate chemical resistant gloves should be worn. Impervious gloves.

Skin and body protection

Boots. Apron, coveralls and/or other resistant protective clothing.

Respiratory protection

If exposure exceeds occupational exposure limits, use an appropriate NIOSH approved respirator. In case of spill or leak resulting in unknown concentration, use a NIOSH approved supplied air respirator. Warning: Air purifying respirators do not protect workers in oxygen-deficient atmospheres.

General hygiene considerations

Do not eat, drink or smoke when using this product. Contaminated work clothing should not be allowed out of the workplace. Regular cleaning of equipment, work area and clothing is recommended. Wash hands before breaks and immediately after handling the product. Avoid contact with skin, eyes or clothing. Wear suitable gloves and eye/face protection.

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

Physical state	Liquid
Color	Clear/ Colorless
Odor	Faint aromatic
Odor threshold	No information available
Explosive properties	No information available.
Oxidizing properties	No information available.
Molecular weight	108.14
VOC Percentage Volatility	No information available
Liquid Density	No information available

PROPERTIES**Values****Remarks • Method**

pH	7	
Melting point / freezing point	-15 °C / 5 °F	
Initial boiling point/boiling range	205 °C / 401 °F	None known
Flash point	93 °C / 199 °F	Closed cup.
Evaporation rate	1.8 (Ether=1)	
Flammability (solid, gas)	No data available	None known
Flammability Limit in Air	None known	
Upper flammability limit:	No data available	
Lower flammability limit:	No data available	
Vapor pressure	0.15 mmHg @ 25°C (77°F)	
Relative vapor density	3.72	
Specific Gravity	1.04 @ 20°C	
Water solubility	1g/25 ml water @ 17°C	
Solubility in other solvents	No data available	
Partition coefficient	No data available	None known
Autoignition temperature	436 °C / 817 °F	
Decomposition temperature	No data available	None known
Kinematic viscosity	5.8 cP @ 20°C	
Dynamic viscosity	No data available	None known

PROPERTIES**Values****Remarks • Method**

Explosive properties	No information available.
Oxidizing properties	No information available.
Molecular weight	108.14
VOC Percentage Volatility	No information available
Liquid Density	No information available
Bulk density	No information available

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10. STABILITY AND REACTIVITY

Reactivity/Chemical Stability

Stable under ordinary conditions of use and storage. Undergoes slow oxidation in the presence of air or oxygen to form benzaldehyde and benzoic acid.

Possibility of hazardous reactions

No additional remark.

Hazardous polymerization

When heated past 100°C, Benzyl Alcohol containing hydrogen bromide and dissolved iron may polymerize with a rapid increase in temperature.

Conditions to avoid

Incompatible materials. Avoid excessive heat, open flames and all ignition sources. Heat.

Incompatible materials

Oxidizing agents. Acids. Aluminum. Will attack some plastics.

Hazardous decomposition products

Carbon monoxide. Carbon dioxide.

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure**Inhalation**

Respiratory irritation signs and symptoms may include a temporary burning sensation of the nose and throat, coughing, and/or difficulty breathing. Excessive inhalation of vapors can cause nasal and respiratory irritation, dizziness, weakness, fatigue, nausea and headache. May be absorbed into the bloodstream with symptoms similar to ingestion.

Eye contact

May cause eye damage. Can cause redness, irritation, tearing, pain.

Skin contact

Prolonged or repeated contact may cause defatting and drying of the skin. May be absorbed through the skin and contribute to the symptoms listed under ingestion. May cause irritation, redness, pain and tissue injury.

Ingestion

Large doses may cause sore throat, coughing, labored respiration, dizziness, dullness, abdominal pain, vomiting, central nervous system depression, convulsions, and death due to respiratory failure.

Information on toxicological effects**Symptoms**

Rats exposed orally to 800 mg/kg benzyl alcohol for thirteen weeks exhibited CNS depression and histopathological changes in the brain, thymus and skeletal muscles. The No Observed Adverse Effect Level (NOAEL) was 400 mg/kg. No evidence of carcinogenicity was seen in a two-year study with rats and mice.

Numerical measures of toxicity**Acute toxicity**

The following values are calculated based on chapter 3.1 of the GHS document .

ATEmix (oral) 1,230.00 mg/kg
ATEmix (dermal) 2,000.00 mg/kg
ATEmix (inhalation-dust/mist) 1.50 mg/l

Unknown acute toxicity No information available

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Benzyl Alcohol 100-51-6	= 1230 mg/kg (Rat)	= 2 g/kg (Rabbit)	= 8.8 mg/L (Rat) 4 h

Delayed and immediate effects as well as chronic effects from short and long-term exposure**Skin corrosion/irritation**

Prolonged or repeated contact may cause defatting and drying of the skin. May be absorbed through the skin and contribute to the symptoms listed under ingestion. May cause irritation, redness, pain and tissue injury.

SDS570A BEAVER BITE**Serious eye damage/eye irritation**

May cause eye damage. Can cause redness, irritation, tearing, pain.

Respiratory or skin sensitization

No information available.

Germ cell mutagenicity

No information available.

Carcinogenicity

No information available.

Chemical Name	ACGIH	IARC	NTP	OSHA
Benzyl Alcohol 100-51-6	Not available	Not available	Not available	Not available

Reproductive toxicity

No information available.

Specific target organ systemic toxicity - single exposure

No information available.

Specific target organ systemic toxicity - repeated exposure

No information available.

Aspiration hazard

No information available.

12. ECOLOGICAL INFORMATION**Ecotoxicity**

Chemical Name	Ecotoxicity – Freshwater Algae Data	Ecotoxicity - Fish Species Data	Toxicity to microorganisms	Crustacea
Benzyl Alcohol 100-51-6	Not available	10 mg/L LC50 (Lepomis macrochirus) 96 h static 460 mg/L LC50 (Pimephales promelas) 96 h static	Not available	EC50: =23mg/L (48h, water flea)

Persistence and degradability No information available.

Bioaccumulation No information available.

Component Information

Chemical Name	Partition coefficient
Benzyl Alcohol 100-51-6	1.1

Other adverse effects No information available.

13. DISPOSAL CONSIDERATIONS**Waste treatment methods**

Dispose of in accordance with local regulations. Dispose of waste in accordance with environmental legislation.

Do not reuse empty containers.

14. TRANSPORT INFORMATION**TDG (Canada):**

UN Number Not applicable

Shipping name Not regulated

Class Not applicable

Packing Group Not applicable

Marine pollutant Not available.

SDS570A BEAVER BITE**DOT (U.S.)****UN Number** Not applicable**Shipping name** Not regulated**Class** Not applicable**Packing Group** Not applicable**Marine pollutant** Not available**SDS570 BEAVER BITE****15. REGULATORY INFORMATION****Safety, health and environmental regulations/legislation specific for the substance or mixture****U.S. Regulatory Rules**

Chemical Name	CERCLA/SARA - Section 302:	SARA (311, 312) Hazard Class:	CERCLA/SARA - Section 313:
Benzyl Alcohol- 100-51-6	Not Listed	Not Listed	Not Listed

International Inventories**TSCA** Complies**DSL/NDSL** Complies**Legend:****TSCA** - United States Toxic Substances Control Act Section 8(b) Inventory**DSL/NDSL** - Canadian Domestic Substances List/Non-Domestic Substances List**16. OTHER INFORMATION, INCLUDING DATE OF PREPARATION OF THE LAST REVISION**

NFPA: Health hazards 3 Flammability 2 Instability 0 Physical and chemical properties -

HMIS Health Rating: Health hazards 3 Flammability 2 Physical hazards 0
Personal protection X

Legend Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION**Prepared By:** SDS Division of Concept Manufacturing Ltd.**Preparation Date:** January 5, 2019**Disclaimer****NOTICE TO READER:**

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