

SAFETY DATA SHEET

COYOTE CHEMICAL COMPANY

1111 N. Norbeck Street, Vermillion, SD 57069
1-800-658-3438

SECTION 1. Identification of the Product and of the Company

Product Name: Bug Off
UN/ID Number: N/A
Recommended Use: Vehicle Bug Remover
Restrictions on Use: Use only as directed on label
Date of Issue: 5/14/15

Emergency Telephone Numbers

PERS: 800-633-8253

SECTION 2. Hazards Identification

EMERGENCY OVERVIEW

* Hazard Determination System (HDS): Health, Flammability, Reactivity

2 0 0

Hazard Category /GHS - Classification

Signal Word: DANGER

Skin Irritant	Category 2
Serious Eye Damage	Category 1

Hazard Pictograms:



Hazard Statements:

Causes eye damage
Causes skin irritation

Precautionary Statements - Prevention:

Wear proper eye protection
Wash thoroughly after handling

Precautionary Statements - Response:

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: seek medical attention.

IF ON SKIN: Gently wash with plenty of soap and water. If skin irritation occurs seek medical advice/attention. Wash contaminated clothing.

Precautionary Statements - Storage: None

Precautionary Statements - Disposal: None

Hazards not otherwise classified (HNOC): None

SECTION 3. Composition/Information on Ingredients

NAME OF INGREDIENT	CAS NUMBER	% BY WEIGHT
Disodium metasilicate	6834-92-0	2%
2-butoxyethonal	111-76-2	3%
Sodium (c14-16) olefin sulfonate	68439-57-6	2%

SECTION 4. First Aid Measures

First aid measures for different routes of exposure

Eye Contact: Rinse with plenty of water. If irritation persists seek medical attention immediately.

Skin Contact: Rinse with plenty of water. If irritation persists seek medical attention immediately.

Inhalation: Move to fresh air. If symptoms persist, call a physician.

Ingestion: If swallowed may cause burning of the mouth, throat and stomach. Call immediately for medical assistance. Do not induce vomiting. Rinse mouth with water, then drink 1-2 glasses of water.

Most important symptoms/effects, acute and delayed: None under normal conditions

Notes to Physicians: Treat symptomatically

SECTION 5. Fire Fighting Measures

Suitable extinguishing media: Dry chemical, CO₂, alcohol-resistant foam, water spray

Unsuitable Extinguishing media: None

Special Hazard: During fire hazardous gasses may form

Special protective equipment for fire-fighters: As in any fire, wear self-contained breathing apparatus pressure demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

Specific hazards arising from the chemical: None

SECTION 6. Accidental Release Measures

Personal precautions, protective equipment and emergency procedures

Personal precautions: Use proper protective equipment. Do not get undiluted product in eyes.

Advice for emergency responders: Use personal protective equipment as required.

Methods and materials for containment and cleaning up

Methods for containment: Absorb with earth, sand or other non combustible material and transfer to containers for later disposal.

Methods for cleaning up: Contain spillage, and then collect with noncombustible absorbent material (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations (see section 13).

SECTION 7. Handling and Storage

Precautions for safe handling

Advice on safe handling: Use personal protective equipment as required. Keep container closed when not in use. Keep out of reach of children

Conditions for safe storage, including incompatibilities

Storage Conditions: Keep containers tightly closed in a dry, cool and well ventilated place.

Incompatible products: Oxidizing agents, strong acids.

SECTION 8. Exposure Control / Personal Protection

Exposure Guidelines

Chemical	OSHA PEL	ACGIH TLV
Disodium Metasilicate	3 mg/m ³	No information available
2-butoxyethanol	50 ppm	20 ppm
Sodium (c14-16) olefin sulfonate	No limits listed	No limits listed

Appropriate engineering controls: Ensure adequate ventilation. Where reasonably practice this should be achieved by the use of local exhaust ventilation and good general extraction.

Personal Protective Equipment

Eye protection: Use appropriate eye protection when handling undiluted material

Hand protection: Chemical protective gloves required

Skin protection: No special protective equipment required

Respiratory Protection: No special protective equipment required with adequate ventilation

SECTION 9. Physical and Chemical Properties

Appearance

Physical state: Liquid

Form: Liquid

Color: Green

Odor: Scented

Odor threshold: Not Available

PH: 12.2 10% aqueous solution

Melting point/freeze point: No information available

Flash Point: Not applicable

Evaporation rate: No information available

Flammability (solid, gas): Not available

Upper/lower flammability or explosive limits

Flammability limit - lower %: Not available

Flammability limit - Upper %: Not applicable

Explosive limit- lower %: Not available

Explosive limit- upper %: Not available

Vapor pressure: Not determined or unknown

Relative density: Not available

Water solubility: No information available

Auto ignition temperature: Not available

Decomposition temperature: Not available

Specific gravity: 1.06

SECTION 10. Stability and Reactivity

Reactivity: The product is stable and non reactive under normal conditions of use, storage and transport.

Chemical stability: Material is stable under normal conditions.

Possibility of hazardous reactions: Contact with incompatible materials

Conditions to avoid: Contact with incompatible materials.

Incompatible materials: Strong oxidizing agents.

Hazardous decomposition products: fire can lead to the release of toxic gases.

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SECTION 11. Toxicological information

Chemical	LD 50 Oral	LD 50 Dermal
Disodium Metasilicate	600 mg/kg (rat)	No information available
2-butoxyethanol	1300 mg/kg (rat)	>2000 mg/kg (rat)
Sodium (c14-16) olefin sulfonate	1300 - 2400 mg/kg (rat)	>2000 mg/kg (rabbit)

Information on likely routes of exposure

Ingestion: Harmful if swallowed.

Inhalation: No adverse effects due to inhalation are expected.

Skin contact: Causes redness, irritation and itching.

Eye contact: Direct contact to eyes causes redness, watering and blurry vision.

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

Acute toxicity

Skin corrosion/irritation: Causes redness, irritation and itching.

Serious eye damage/irritation: Causes redness, irritation and itching.

Skin sensitization: Causes redness, irritation and itching

Respiratory sensitization: No known effect.

Germ cell mutation: No known effect.

Neurological effects: No known effect.

Reproductive toxicity: No known effect.

Developmental toxicity: No known effect.

Teratogenicity: No known effect.

STOT-single exposure: No known effect.

STOT- repeated exposure: No known effect.

Target organ effects: No known effect.

Aspiration hazard: No known effect.

Carcinogenicity: No known effect.

SECTION 12. Ecological Information

Eco toxicity

Chemical	Toxicity to Fish	Toxicity to Invertebrates
Disodium Metasilicate	No information available	No information available
2-butoxyethanol	1474 mg/l 96h	1500 mg/l 48h water flea
Sodium (c14-16) olefin sulfonate	2.6 mg/l 96h	4.14-4.95 mg/l 48h water flea

Persistence and degradability: Readily biodegradable.

Bio accumulative potential: No data available.

Mobility in soil: No data available.

Other adverse effects: No other adverse environmental effects are expected from this product.

SECTION 13. Disposal Considerations

Waste treatment

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

Waste from residues / unused products: Disposal should be in accordance with applicable regional, national and local laws and regulations.

Contaminated packaging: Disposal should be in accordance with applicable regional, national and local laws and regulations.

Hazardous waste code: The waste code should be assigned in discussion between the user, the producer and the waste disposal company.

SECTION 14. Transportation Information

DOT Not regulated

IMDG Not regulated

IATA Not regulated

SECTION 15. Regulatory Information

US Federal Regulations

This product is not defined a "Hazardous Chemical" as defined by the OSHA hazardous Communication Standard, 29 CFR 1910.1200

Section 311

Chemical			
Acute Health Hazard:	111-76-2	2-butoxyethonal	3%
Chronic Health Hazard:	No		
Fire Hazard:	111-76-2	2-butoxyethonal	3%
Sudden Release of Pressure:	No		
Reactive Hazard:	No		
Section 313 Toxic Chemicals:	111-76-2	2-butoxyethonal	3%

CERCLA Hazardous Substance List (40 CFR 302.4): Not listed

US. OSHA Hazardous Specifically Regulated Substances (29 CFR 1910.1001-1050): Not listed

Clean Air Act, Section 112 Hazardous Air Pollutants (HAPs) (see 40 CFR) 61: Not regulated

Clean Water Act: This product does not contain any substances which are regulated pollutants pursuant to the clean water act (40 CFR 122.21 and 40 CFR 122.42)

California Proposition 65: This material is not known to contain any chemicals currently listed as carcinogens or reproductive toxins.

US State regulations:**US Massachusetts RTK- Substance List:****US Rhode Island RTK:****California Proposition 65:** This material is not known to contain any chemicals currently listed as carcinogens or reproductive toxins.**International Inventories:****United States:** All intentionally added components of this product(s) are listed on the TSCA Inventory.**Canada:** This product is in compliance with the CEPA for import P&G.**SECTION 16. Other Information****Issue Date:** 05-14-15**Revision Date:** None**Version:** #1**NFPA rating****Disclaimer:**

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of this 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 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

