

SAFETY DATA SHEET

1. Product and Company Identification

Product Name	BUG BUSTER
Product Number	443
Product Type	Mixture
Product Use	Prespray for removing bugs from automobiles.
Manufacturer/Supplier	National Purity 6840 Shingle Creek Parkway, Suite #23 Brooklyn Center, MN 55430
Company Contact	612-672-0022
Emergency Telephone Number	1-800-255-3924

2. Hazards Identification

GHS Classification in accordance with 29 CFR 1910 OSHA HCS

Combustible liquid, (Category 4) H227
 Skin corrosion/irritation, (Category 3) H316
 Eye damage/irritation, (Category 2B) H320
 Specific target organ toxicity, single exposure, (Category 3) H335,H336

GHS Label elements, including precautionary statements

Pictogram



Signal word

Warning

Hazard Statements

H227 Combustible liquid
 H316 Causes mild skin irritation
 H320 Causes eye irritation.
 H335, H336 May cause respiratory irritation. May cause drowsiness or dizziness.

Precautionary Statements

Prevention

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking,
 P280 Wear protective gloves, protective clothing, eye protection/face protection.
 P264 Wash hands thoroughly after handling.

Response

P370+378 In case of fire, use water spray, alcohol resistant foam, dry chemical or carbon dioxide.
 P332+P313 If skin irritation occurs, get medical advice/attention.
 P305+P351+P337+P313 IF IN EYES, rinse cautiously for several minutes. Remove contact lenses if present. Continue rinsing. If eye irritation persists, Get medical advice and attention.

P304+P340

IF INHALED, remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER/Doctor if feeling unwell.

Storage/Disposal

P403

Store in a well ventilated place.

P501

Dispose of contents/container in accordance with local/regional/federal regulations.

3. Composition/Information on Ingredients

The criteria for listing components in this section are: Ingredients that meet the criteria for carcinogenic, toxic to reproduction, or specific target organ toxicity and components otherwise considered hazardous according to OSHA which exceed the cut off limits for SDS specified by the criteria for mixtures are listed. Non hazardous components are not listed. This is not a composition disclosure. Exact percentages are considered proprietary and a trade secret.

Hazardous Components	CAS#	Classification	%
Tetrasodium ethylenediamine tetraacetate	64-02-8	H315,H319, H335	1-5%
Diethylene glycol n butyl ether	112-34-5	H319	1-5%
Isopropyl alcohol	67-63-0	H225, H319, H336	1-5%
Sodium xylene sulfonate	1300-72-7	H303, H313, H333	1-5%
Alcohols, C9-C11, ethoxylated	68439-46-3	H302, H316, H320	1-5%
Sodium C14-C16 olefin sulfonate	68439-57-6	H316, H320	1-5%

4. First Aid Measures

Description of First Aid Procedures

General Advise	Consult a physician. Show this SDS to the doctor.
In Case of Eye Contact	Flush with cool running water for 15 minutes. Remove contact lenses if present. Get medical attention.
In Case of Skin Contact	Rinse thoroughly with cool running water. Get medical attention if irritation occurs or persists.
If Ingested	Rinse mouth with water. Do not induce vomiting. Obtain medical attention if feeling unwell.
If Inhaled	Move person to fresh air. If breathing difficulty persists, consult a physician.
Notes to Physician	Symptoms may be delayed.
General advice	Seek medical attention if feeling unwell. Show the SDS to the physician in attendance.

5. Fire-fighting Measures

Flammable properties	Combustible
Extinguishing media	Use water spray, alcohol resistant foam, dry chemical or carbon dioxide.
Protection of firefighters	Firefighters should wear protective clothing including self contained breathing apparatus
Hazardous combustion products	May include and not limited to oxides of carbon, sulfur, and nitrogen.
Unusual Fire, Explosion hazards	Containers may melt or rupture from heat of fire. May form combustible mixtures with air when heated.

6. Accidental Release Measures

Personal precautions	Keep unnecessary personal away. Do not touch or walk through spilled material.
Methods for containment	Stop leak if you can do so without risk. Prevent entry into waterways, sewers.
Methods for cleaning up	Before attempting clean up, refer to hazard data given above. Small spills, may be mopped up and rinsed. Large spills, dike area to prevent from spreading. Absorb with non reactive absorbent and place in suitable, covered, and labeled container. Rinse area with water. Never return spill to original container.
Environmental precautions	Avoid spills. Keep out of waterways.

7. Handling and Storage

Precautions for Safe Handling	Use good industrial hygiene practices when handling this material. Avoid contact with eyes.
Conditions for Safe Storage	Keep container closed when not in use.

8. Exposure Controls and Personal Protection

Exposure Limits

Ingredients	CAS#	OSHA PEL	ACGIH TLV
Tetrasodium ethylenediamine tetraacetate	64-02-8	Not available	Not available
Diethylene glycol n butyl ether	112-34-5	Not available	TWA: 10 PPM
Isopropyl alcohol	67-63-0	STEL: 500 PPM	TWA: 200 PPM
Sodium xylene sulfonate	1300-72-7	Not available	Not available
Alcohols, C9-C11, ethoxylated	68439-46-3	Not available	Not available
Sodium (C14-C16) olefin sulfonate	68439-57-6	Not available	Not available

Engineering controls	General ventilation normally adequate.
Personal protective equipment	
Eye/Face protection	Wear goggles or safety glasses with side shields if splash conditions exist. Have suitable eye wash water available.
Hand protection	Wear protective gloves.
Skin and body	Not required with normal use.
Respiratory protection	Use a NIOSH approved respirator when exposure guidelines are exceeded.
General hygiene considerations	Handle in accordance with good industrial hygiene practices. Do not eat or drink when using product. Rinse hands well before breaks and immediately after handling the product.

9. Physical and Chemical Properties

Information on basic physical and chemical properties

Appearance/form	Clear liquid
Color	Dark green
Odor	slight solvent odor
Odor threshold	Not established
pH	9.0-9.4 (concentrate)
Melting/freezing point	Not established
Initial Boiling point	≈212° F. (100° C.)
Flash point	> 165° F. (74° C.) Estimated
Evaporation rate	Not established
Flammability	Combustible
Upper/lower flammability or Explosive limits	Not established
Vapor pressure	Not established
Vapor density	Not established
Specific gravity/density	1.09-1.10
Solubility in water	Complete
VOC	< 2%
% Volatile	Approx 90%

Other Safety Information

10. Stability and Reactivity

Reactivity	Not known to be reactive.
Chemical Stability	Stable under normal storage conditions.
Hazardous reactions	None known.

Conditions to avoid	Do not mix with other chemicals.
Incompatible materials	Strong acids, strong oxidizing agents.
Hazardous decomposition products	May include but not limited to oxides of carbon, sulfur, and nitrogen.
Hazardous polymerization	Will not occur.

11. Toxicological Information

Ingredients

Tetrasodium ethylenediamine tetraacetate	LC50 No data available
Diethylene glycol n butyl ether	No data available
Isopropyl alcohol	16,000 ppm (Rat- 8 hour)
Sodium xylene sulfonate	No data available
Alcohols, C9-C11, ethoxylated	No data available
Sodium (C14-C16) olefin sulfonate	No data available

Ingredients

Tetrasodium ethylenediamine tetraacetate	LD50 No data available
Diethylene glycol n butyl ether	4,500 mg/kg (Oral-rat). 2,764 mg/kg (Dermal-rabbit)
Isopropyl alcohol	5,045 mg/kg (Oral-rat), 12,800 mg/kg (Dermal-rabbit)
Sodium xylene sulfonate	No data available
Alcohols, C9-C11, ethoxylated	2,700 mg/kg (Oral-rat), > 4,000 mg/kg (Dermal-rabbit)
Sodium (C14-C16) olefin sulfonate	2310 mg/kg (Oral-rat), 6300 mg/kg (Oral-rabbit)

Eye	Causes eye irritation.
Skin	Causes mild skin irritation.
Ingestion	Not expected to be harmful upon ingestion.
Inhalation	May cause respiratory irritation. May cause drowsiness or dizziness.
Sensitization	No data available.
Chronic effects of short and long term exposure	Prolonged exposure to skin may cause drying, defatting and irritation.
Carcinogenicity	Does not contain ingredients considered carcinogenic by NTP, or OSHA. May contain up to 400 ppm Nitrotriacetate, trisodium salt CAS#5064-31-3 considered a possible carcinogen (2B) by IARC.
Mutagenicity	No data available.
Reproductive effects	No data available.
Teratogenicity	No data available.

12. Ecological Information

Eco-toxicity	Ecological effects for this product have not been analyzed. However, if spilled this products ingredients may be harmful to aquatic life.
Aquatic toxicity	
Tetrasodium ethylenediamine tetraacetate	LC50 Fish (fathead minnow): > 100 mg/l 96 hour
Diethylene glycol n butyl ether	LC 50 Fish: 1,300 mg/l 96 hours EC50 Daphnia: > 100 mg/l 48 hours EC50 Algae: > 100 mg/l 96 hours
Sodium (C14-C16) Olefin sulfonate	LC50 Fish: 2.6mg/l 96 hours EC50 Daphnia: 4.5 mg/l 48 hours EC50 Algae: 42.3 mg/l 72 hours

Alcohols(C9-C11) ethoxylated LC50 Fish (rainbow trout): 5-7 mg/l 96 hours
 EC50 Daphnia: 2.5 mg/l 48 hours
 EC50 Algae: 0.95 mg/l

Environmental effects	Hazard can not be excluded if product is misused or released to the environment..
Persistence and Degradability	No data available.
Bioaccumulation/accumulation	No data available.
Partition coefficient	No data available.
Mobility in environmental media	No data available.
Chemical fate information	No data available.
Other adverse effects	No data available.

13. Disposal Considerations

Waste codes	Not Available
Disposal instructions	Dispose in accordance with local, state, and federal regulations
Wastes from residues/unused product	Containerize. Rinse area with water. Keep out of storm sewer/waterways.
Contaminated packaging	Dispose in accordance with all applicable regulations.

14. Transport Information

Basic shipping requirements:	Not DOT regulated
Proper shipping name:	Combustible liquid, n.o.s.(contains isopropyl alcohol)
Hazard class	3
UN number	1993
Packing group	III
Special provisions	
Packaging exceptions	49CFR173.150 <i>f</i> combustible liquids

15. Regulatory Information

U.S federal regulations	This product has been classified in accordance with the Occupational Safety and Health Administration hazard criteria and the SDS contains all of the information required by OSHA. HCS 2012
TSCA	All ingredients are listed on the Toxic Substances Control Act or are exempt from listing.
CERCLA Super Fund 40CFR117.302	Product contains a material with a Reportable Quantity (RQ): None
SARA Title III Section 311&312	Immediate (Acute) Health Hazard: Tetrasodium ethylenediamine tetraacetate CAS#64-02-8 Diethylene glycol n butyl ether CAS#112-34-5 Tetrasodium ethylenediamine tetraacetate CAS#64-02-8 Sodium xylene sulfonate CAS#1300-72-7 Sodium (C14-C16) Olefin sulfonate CAS#68439-57-6 Alcohols, (C9-C11) ethoxylated CAS#69439-46-3
SARA Title III Section 313	Ingredients are subject to the reporting requirements of section 313 of Title III SARA: Diethylene glycol n butyl ether CAS#112-34-6 Tetrasodium ethylenediamine tetraacetate CAS#64-02-8
States Right to Know	Reportable chemicals: None identified.

California Proposition 65

This product does not contain chemicals known to the state of California to cause cancer.

Inventory Status

Countries

U.S.
 Canada

Inventory Name

CIL
 DSL

On Inventory (Yes/No)*

Yes
 Yes

- A "Yes" indicates that all of the components of this product comply with the inventory requirements administered by the governing country(s) listed.

16. Other Information

HMIS RATING

HMIS Legend

Severe 4
 Serious 3
 Moderate 2
 Slight 1
 Minimal 0

Health	2
Flammability	1
Reactivity	0
Personal Protection	0

Disclaimer

To the best of our knowledge, the information included herein is accurate. However, neither the above named supplier nor any of its subsidiaries assume any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of the suitability of any material is the responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.

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