

Safety Data Sheet



Protective Products Corp.,
P.O. Box 246
Johnston, IA 50131

Section 1. Chemical Product and Company Identification

Product Name Bug Melt
Product Use Insect /Debris Remover
Catalog Number 21
Date of Issue 2-3-2016
Supersedes 4-1-2005

Emergency Telephone Numbers

24 Hr. Emergency Telephone: 888-772-1277

(For use only in the event of emergencies involving a spill, leak, fire, exposure, or accident involving chemicals)

Section 2. Hazards Identification

Emergency Overview

Warning



Health Hazards

Skin Corrosion/Irritation Category 2
Serious eye damage/ eye irritation Category 2A

Precautionary Statements:

P102 Keep out of reach of children
P264 Wash hands thoroughly after handling.
P280 Wear protective gloves and eye protection.
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P337+P313 IF eye irritation persists: Get medical advice/attention.
P302+P350 IF ON SKIN: Gently wash with plenty of soap and water.
P332+P313 IF SKIN irritation occurs: Get medical advice/attention.
P362 Take off contaminated clothing and wash before reuse.

Hazard Statements:

H315 Causes skin irritation
H319 Causes serious eye irritation

Routes of Entry Dermal, Oral, and Inhalation

Acute Effects:

Eyes May cause redness, tearing and irritation.
Skin May cause irritation and dryness.
Inhalation No effects expected.
Ingestion May cause discomfort and vomiting. May cause nausea.

Section 3. Composition/Information on Ingredients

<u>Name of Hazardous Ingredients</u>	<u>CAS Number</u>	<u>% by Weight</u>
Propylene Glycol n-butyl Ether	5131-66-8	<3
Dipropylene Glycol Mono methyl Ether	34590-94-8	<3
Ethyl Alcohol	64-17-5	<5

Trade Secret Claimed: Proprietary blend of nonionic and ionic surfactants - <20
withheld as a trade secret. Information is available to any attending
physician in case of an emergency.

In accordance with paragraph (i) of § 1910.1200, the specific chemical identity and or exact percentage of composition has been withheld as a trade secret

Section 4. First Aid Measures

Eye Contact Flush immediately with plenty of clean water for 30 minutes, lifting eyelids. If irritation continues, seek immediate medical attention.

Skin Contact Flush immediately with plenty of clean water. Seek medical attention if irritation continues.

Inhalation Remove person to fresh air. Begin CPR if breathing has stopped, and seek immediate medical attention.

Ingestion DO NOT induce vomiting. Seek immediate medical attention.

Section 5. Fire Fighting Measures

National Fire Protection Association (U.S.A)
(estimated rating)



Hazardous Combustion Products None

Extinguishing Media Not flammable. Treat surrounding fire with use of water, dry chemical, and carbon dioxide.

Unsuitable Extinguishing Media None determined

Fire Fighting Procedures Wear appropriate protective gear.

Section 6. Accidental Release Measures

Spill Clean Up All large spilled material must be contained and kept out of waterways, sewers and drains. The spilled chemical should be absorbed with an inert material. Flush cleaned area thoroughly with water. Small spills may be cleaned with water and disposed in the drain.

Section 7. Handling and Storage

Handling and Storage Keep away from children. May be harmful if swallowed. Keep container tightly closed when not in use. Use in a well-ventilated area

Section 8. Exposure Controls/Personal Protection

Exposure Limits

Product Name	OSHA PEL	NIOSH REL	AIHA WEEL	ACGIH TLV
Dipropylene glycol Monomethyl Ether(CAS#34590-94-8)	100ppm	100ppm		100ppm
Propylene Glycol n-Butyl Ether (CAS# 5131-66-8)	None listed	None listed	None listed	None listed
Ethyl Alcohol (CAS 64-17-5)	1000ppm TWA	1000ppm TWA		1000ppm TWA

Engineering Controls



Personal Protective Equipment (PPE)

Eyes Wear safety goggles/safety glasses
Body Wear an impervious apron to reduce exposure to skin. Wear rubber or neoprene gloves when handling.
Respiratory Use in a well-ventilated area.

Section 9. Physical and Chemical Properties

Physical State	Liquid	Explosive Limits	N/A
Color	Yellow	Vapor Pressure	N/A
Odor	Citrus	Vapor Density	N/A
Odor Threshold	N/A	Relative Density	N/A
pH	9-9.6	Solubility	Complete in water
Freezing Point	Not determined	Partition Coefficient	N/A
Boiling Point	Not determined	Auto-Ignition Temp.	N/A
Flash Point	N/A	Decomposition Temp.	N/A
Evaporation Rate	Less than 1	Viscosity	N/A
Flammability	Not flammable	Specific Gravity	1.01-1.03

Section 10. Stability and Reactivity

Stability and Reactivity	Stable
Incompatibility	Strong oxidizers
Hazardous Polymerization	Will not occur
Hazardous Decomposition Products	None determined
Conditions to Avoid	High ambient temperatures above 150°F

Section 11. Toxicological Information

Routes of Entry	Dermal, oral and inhalation
Symptoms	Irritation
Skin Irritant	May cause mild irritation to skin. Irritation may increase with prolonged contact with skin.
Eye Irritant	Causes serious eye irritation. May cause tearing or redness of the eyes
Sensitizers	No component of this product is a sensitizer.
Mutagenicity	No data available
Carcinogenicity	No component of the products is carcinogenic
Reproductive Toxicity	No information found
Target Organs	No target organs.

There is no toxicological data for this product as a whole. Based on relevant ingredients with known acute toxicity, the acute toxicity estimate using the additive formula (ATE) has been determined.

Acute Toxicity

Test	Results	Basis
Dermal	>2000mg/kg	ATE Determined beyond Category 4
Oral	>2000mg/kg	ATE Determined beyond Category 4
Inhalation	No data	

Section 12. Ecological Information

Environmental Effects No ecological information available for this product as a whole.

Section 13. Disposal Considerations

Waste Information Dispose of in accordance with all Federal, State and Local pollution control regulations.

Section 14. Transportation Information

Regulatory Information	UN number	Proper Shipping Name	Classes	Packaging Group	Label Code
DOT Classification	Not regulated				

Note: DOT Classification applies to most packaging sizes. For specific container size classifications or for size exceptions, refer to the Bill of Lading with your shipment.

Section 15. Regulatory Information

US Federal Regulations The following substances are listed as a toxic chemical and are subject to report under the SARA act Section 313: None

The following substances have CERCLA reportable quantity values (in pounds):

None

State Regulations None

Section 16. Other Information

Last Revision 1/20/2016

The information contained herein is based on the data available to us and is believed to be accurate. However, no warranty is expressed or implied regarding the accuracy of this data or the results to be obtained from the use thereof. We assume no responsibility for injuries from the use of the product described herein.