

## 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**

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

**Section 10. Stability and Reactivity**

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

**Section 11. Toxicological Information**

<b>Routes of Entry</b>	Dermal, oral and inhalation
<b>Symptoms</b>	Irritation
<b>Skin Irritant</b>	May cause mild irritation to skin. Irritation may increase with prolonged contact with skin.
<b>Eye Irritant</b>	Causes serious eye irritation. May cause tearing or redness of the eyes
<b>Sensitizers</b>	No component of this product is a sensitizer.
<b>Mutagenicity</b>	No data available
<b>Carcinogenicity</b>	No component of the products is carcinogenic
<b>Reproductive Toxicity</b>	No information found
<b>Target Organs</b>	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
<b>Dermal</b>	>2000mg/kg	ATE Determined beyond Category 4
<b>Oral</b>	>2000mg/kg	ATE Determined beyond Category 4
<b>Inhalation</b>	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.