

**MATERIAL SAFETY DATA SHEET**

Value Smart  
50 Clarkson - Wilson Center  
Greshamfield, MO 63017  
(214) 740-2032- 877-513-9798  
(800) 424-9300 - Chemtec

Value Smart Products  
3651 Peachtree Parkway  
Suite E317  
Dunwoody, GA 30024  
678-513-9798

May be used to comply with OSHA's  
Hazard Communication Standard  
29CFR 1910.1200. Standard  
must be consulted for specific  
requirements.

**SECTION I**

**IDENTIFICATION**

Trade Name: Bug Shield  
Product Code: SC# 3752  
*Note: Product code will be assigned with 1st order*  
U.S. D.O.T. Shipping Name: Flammable liquid, n.o.s.  
Technical Name: (Isopropyl alcohol)  
U.S. D.O.T. Primary Hazard Class: 3(Flammable)  
U.S. D.O.T. Secondary Hazard Class: None  
Identification Number: UN1993  
Packing Group: III  
Reportable Quantity: None in 55 gallon drums DOT Class:

**SECTION II**

**HAZARDOUS INGREDIENTS--IDENTITY INFORMATION**

Hazardous Components	CAS #	OSHA PEL	ACGIH TLV
Isopropyl alcohol	67-63-0	400 ppm	400 ppm

Other components, if any, are considered to be non-hazardous as per OSHA 29 CFR 1910.1200.

**SECTION III**

**PHYSICAL & CHEMICAL CHARACTERISTICS**

Flash Point: 77°F ASTM D-56 Tag Closed Cup  
Specific Gravity (H<sub>2</sub>O=1): 0.803  
Weight (lb./gal.): 6.71  
Solubility in Water: Complete  
pH: 6.5 - 7.5  
Appearance & Odor: Clear, non-viscous liquid.  
Viscosity: Less than 15cps

**SECTION IV**

**FIRE & EXPLOSION HAZARD DATA**

Extinguishing Media: Water, foam, dry chemical, CO<sub>2</sub>.  
Special Fire Fighting Procedures: Always use Self Contained Breathing Apparatus.  
Unusual Fire & Explosion Hazards: None known.

**SECTION V**

**REACTIVITY DATA**

Stability: Stable.  
Conditions to Avoid: Strong acids and strong oxidizers.  
Hazardous Decomposition Products: None known.  
Hazardous Polymerization: Will not occur.

**SECTION VI**

**HEALTH HAZARD DATA**

**SIGNS AND SYMPTOMS OF EXPOSURE:**

Eyes: Irritation, redness, burning.  
Dermal: Irritation, redness, burning.  
Inhalation: Dizziness, nausea.  
Ingestion: Nausea, cramps, vomiting.

**EMERGENCY AND FIRST AID PROCEDURES:**

Eyes: Flush with large amounts of water for 15 minutes.  
Dermal: Flush with large amounts of water for 15 minutes.  
Inhalation: Remove victim to fresh air and get medical attention.  
Ingestion: Drink water, to dilute. Get medical attention.  
Acute Health Hazards: No data available.  
Chronic Health Hazards: No data available.

**CARCINOGENICITY:**

This product is not a carcinogen nor does it contain components which are considered to be carcinogenic by OSHA, NTP, or IARC

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**SECTION VII**

**SPILL OR LEAK PROCEDURES**

**STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:**

Absorb free liquid with earth, sand, clay, or absorbent pads.

**WASTE DISPOSAL METHOD:**

In accordance with State and Local laws.

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**SECTION VIII**

**SPECIAL PROTECTION INFORMATION**

Respiratory Protection:

None required, but use NIOSH approved in poor ventilation.

Ventilation:

Adequate to meet established minimums.

Protective Gloves:

Vinyl or rubber.

Eye Protection:

Goggles.

Other:

As needed.

Hygienic Practices:

Always wash face and hands after contact.

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**SECTION IX**

**NOTES**

The information contained herein is based on data considered accurate. However, no warranty is expressed or implied regarding the accuracy of this data or the results to be obtained from the use thereof. Vendor assumes no responsibility for injury to vendee or third person proximately caused by the material if reasonable safety procedures are not adhered to as stipulated in the data sheet. Additionally, vendor assumes no responsibility for injury to vendee or third persons proximately caused by abnormal use of the material even if reasonable safety procedures are followed. Furthermore, vendee assumes the risk in the use of this material.

Revision date:

January 25, 2000