

## **PRODUCT SPECIFICATIONS**

**PRODUCT:** BUG BLASTER  
**PRODUCT CODE:** BUG-01

**DESCRIPTION:** CLEANING PREPARATIONS  
NON-HAZARDOUS MATERIAL

**COUNTRY OF ORIGIN:** USA

**TARIFF CODE:** 3402.90.5030

**SHELF LIFE:** INDEFINATE

**MANUFACTURER:** MICRO-SURFACE FINISHING PRODUCTS, INC.  
1217 W 3<sup>RD</sup> ST  
WILTON IA 52778, USA

**MICRO-SURFACE FINISHING PRODUCTS INC**  
**1217 WEST THIRD STREET**  
**PO BOX 70**  
**WILTON, IOWA 52778**  
**563-732-3240**

PAGE 1 OF 3

**SECTION 1 PRODUCT AND COMPANY IDENTIFICATION**

PRODUCT NAME:	Bug Blaster, 8 oz bottle (12/case)
PRODUCT DESCRIPTION:	Clear liquid, characteristic odor
CHEMICAL FAMILY:	Windshield Wash Cleaner
REVISION DATE:	9/11/07

**SECTION 2 COMPOSITION, INFORMATION, ON INGREDIENTS**

CHEMICAL NAME CAS REGISTRY NO.	% WT	ACGIH TLV	OSHA PEL	NOTES
				NO HAZARDOUS INGREDIENTS PER CURRENT OSHA REGULATIONS
SECTION 313 SUPPLIER NOTIFICATION: "1" IDENTIFIES CHEMICAL INGREDIENTS SUBJECT TO REPORTING REQUIREMENTS OF SECTION 313 OF THE EMERGENCY PLANNING AND COMMUNITY RIGHT-TO-KNOW ACT OF 1986. THIS INFORMATION SHOULD BE INCLUDED IN ALL MSDS'S THAT ARE COPIED AND DISTRIBUTED FOR THIS MATERIAL.				

**SECTION 3 HAZARDS IDENTIFICATION**

HEALTH -----	1	INSTABILITY -----	0
FIRE -----	0	OTHER -----	X
(0 = INSIGNIFICANT; 1 = SLIGHT; 2 = MODERATE; 3 = HIGH; 4 = EXTREME)			
HAZARD SIGNAL ( SHORT TERM CONTACT OR INHALATION ONLY)			
THRESHOLD LIMIT VALUE:	N.E., BLENDED PRODUCT. SEE SECTION 2 FOR INFORMATION ON LISTED INGREDIENTS		
PRIMARY ROUTES OF ENTRY:	EYE CONTACT, SKIN CONTACT, INHALATION OF SPRAY		
EFFECTS OF ACUTE OVEREXPOSURE:			
EYES:	IRRITATION, SEVERE IRRITATION POSSIBLE WITH PROLONGED CONTACT		
SKIN:	IRRITATION POSSIBLE WITH PROLONGED CONTACT		
INHALATION:	MISTS OF PRODUCT OR SOLUTION - IRRITATION OF RESPIRATORY TRACT		
SWALLOWING:	IRRITATION OF MOUTH, THROAT AND STOMACH. STOMACH UPSET.		
EFFECTS OF CHRONIC OVEREXPOSURE:	UNKNOWN; NONE EXPECTED BEYOND ACUTE EFFECTS		
CARCINOGENICITY:	THIS PRODUCT OR ITS INGREDIENTS HAVE NOT BEEN IDENTIFIED AS A CARCINOGEN OR PROBABLE CARCINOGEN BY NTP, IARC MONOGRAPH, OR OSHA		
MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE:	NONE KNOWN OR EXPECTED		

**SECTION 4 FIRST AID MEASURES**

EYES:	IMMEDIATELY FLUSH WITH COOL RUNNING WATER. MAY CAUSE TEMPORARY MINOR IRRITATION.
SKIN:	FLUSH THOROUGHLY WITH RUNNING WATER. SKIN ABSORPTION- NOT ABSORBED BY CONTACT SKIN.
INHALED:	REMOVE TO FRESH AIR.
SWALLOWED:	RINSE MOUTH WITH LARGE AMOUNTS OF WATER. DRINK WATER, MILK OR OTHER FLUIDS TO DILUTE. DO NOT INDUCE VOMITING. CALL FOR MEDICAL ADVICE OR ASSISTANCE IF DIFFICULTIES AND DISCOMFORT DEVELOP.

**SECTION 5 FIRE FIGHTING MEASURES**

FLASH POINT:	180 F	FLAMMABLE LIMITS LEL-UEL	NE
EXTINGUISHING MEDIA:	AS NEEDED FOR SURROUNDING FIRE		
SPECIAL FIRE FIGHTING PROCEDURES:	FOR ANY CHEMICAL FIRE WEAR SELF CONTAINED BREATHING APPARATUS, AND PROTECTIVE CLOTHING TO PREVENT CONTACT		
UNUSUAL FIRE AND EXPLOSION HAZARDS:	NONE		
HAZARDOUS COMBUSTION PRODUCTS:	NONE		

**SECTION 6 ACCIDENTAL RELEASE MEASURES**

SMALL SPILLS:	FLUSH TO DRAIN WITH EXCESS WATER
DISPOSAL:	NORMALLY SEWER DISPOSABLE IN DILUTE SOLUTIONS.

**SECTION 7 HANDLING AND STORAGE**

HANDLING:	AVOID UNNECESSARY CONTACT WITH PRODUCT. AVOID BREATHING MISTS OF PRODUCT OR SOLUTION. WASH AFTER USE. PREVENT CONTACT WITH INCOMPATIBLE MATERIALS; SEE SECTION 10.
STORAGE:	KEEP CONTAINERS TIGHTLY CLOSED. KEEP FROM FREEZING; MAY RUPTURE CONTAINER OR DEGRADE PRODUCT.

**SECTION 8 EXPOSURE CONTROLS, PERSONAL PROTECTION**

VENTILATION:	GENERAL OR LOCAL TO AVOID EXPOSURE TO IRRITATING MISTS IF MISTS ARE GENERATED.
RESPIRATOR:	NONE NORMALLY REQUIRED. NIOSH/MSHA APPROVED RESPIRATOR WHERE CONDITIONS MAY CAUSE EXPOSURE LIMITS TO BE EXCEEDED FROM MISTS OF PRODUCT OR SOLUTION.
EYE PROTECTION:	GLASSES, GOGGLES, OR FACE SHIELD WHERE CONDITIONS MAY CAUSE EYE EXPOSURE.
PROTECTIVE CLOTHING:	CHEMICAL RESISTANT, IMPERMEABLE GLOVES AS NEEDED TO PREVENT EXCESSIVE CONTACT. FULL BODY COVERING COVERING AND SHOES AS NEEDED TO PREVENT EXCESSIVE CONTACT.

**SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES**

BOILING POINT:	212 F	VAPOR PRESSURE (MM HG@70°)	NE
SPECIFIC GRAVITY:	1.002	VAPOR DENSITY (AIR=1)	NE
PERCENT VOLATILE:	>80	EVAPORATE RATE (ETHER=1)	<1
SOLUBILITY IN WATER:	COMPLETE	PH	8-10
APPEARANCE AND ODOR:	SEE SECTION 1	V.O.C.	0

**SECTION 10 STABILITY AND REACTIVITY**

STABLE:	YES. HAZARDOUS POLYMERIZATION WILL NOT OCCUR
CONDITIONS TO AVOID:	CONTACT WITH INCOMPATIBLE MATERIALS (SEE BELOW)
INCOMPATIBLE MATERIALS:	STRONG OXIDIZING AGENTS, STRONG ACIDS

NE = NOT ESTABLISHED

NA = NOT APPLICABLE

## **SECTION 11 TOXICOLOGICAL INFORMATION**

THIS PRODUCT CONTAINS NO MATERIALS THAT ARE TOXIC. THIS PRODUCT CONTAINS NO KNOWN MATERIALS THAT ARE CLASSIFIED AS CARCINOGENS.

## **SECTION 12 ECOLOGICAL INFORMATION**

NO DATA

## **SECTION 12 DISPOSAL INFORMATION**

WASTE MANAGEMENT INFORMATION:

IF THIS PRODUCT BECOMES A WASTE, IT DOES NOT MEET THE CRITERIA OF A HAZARDOUS WASTE AS DEFINED UNDER THE RESOURCE CONSERVATION AND RECOVERY ACT (RCRA) 40 CFR 261.

BUT STILL CHECK AND DISPOSE OF IN ACCORDANCE WITH ALL APPLICABLE LOCAL, STATE AND FEDERAL REGULATIONS.

## **SECTION 14 TRANSPORT INFORMATION**

DOT DESCRIPTION: NON-REGULATED BY D. O. T.

CONTAINER/MODE: (LIQUID) CASE/DRUM

## **SECTION 15 REGULATORY INFORMATION**

US FEDERAL REGULATIONS: (TSCA SUBSTANCE CONTROL ACT) STATUS TSCA (UNITED STATES) THE INTENTIONAL INGREDIENTS OF THIS PRODUCT ARE LISTED.

CERCLA RQ-40 CFR 302.4 (A): NONE LISTED

SARA 302 COMPONENTS-40 CFR 355 APPENDIX A: NONE

SECTION 311/312 HAZARD CLASS - 40 CFR 372.65: NONE

INTERNATIONAL REGULATIONS INVENTORY STATUS: NOT DETERMINED

STATE AND LOCAL REGULATIONS: CALIFORNIA PROPOSITION 65: THIS PRODUCT DOES NOT CONTAIN ANY MATERIAL CURRENTLY LISTED BY CALIFORNIA AS CHEMICALS KNOWN TO CAUSE CANCER OR TO HAVE KNOWN TO HAVE REPRODUCTIVE TOXICITY UNDER PROPOSITION 65.