



# Safety Data Sheet

## 1 – PRODUCT IDENTIFICATION

PRODUCT NAME: Bug out  
 PRODUCT TYPE: Liquid Cleaning Compound  
 PRODUCT NUMBER: 1058XX (Last 2 characters vary with the packaging)  
 COMPANY: Vaughan Industries  
 8490 Lyndon Street,  
 Detroit, MI 48375  
 (313) 935-2040  
 EMERGENCY PHONE: Chemtrec 1-800-424-9300

## 2 – HAZARDS IDENTIFICATION

CLASSIFICATION OF SUBSTANCE/MIXTURE: Acute Toxicity Oral (4) Skin Corrosion/irritation (1B) Serious eye damage/eye irritation (1)  
 SYMBOLS:



SIGNAL WORD: DANGER!  
 HAZARD STATEMENT: Harmful if swallowed. Causes severe skin burns and eye damage. Causes serious eye damage.  
 PRECAUTIONARY STATEMENTS:  
 PREVENTION: Wash hands thoroughly after handling. Do not eat, drink or smoke when using this product. Do not breathe dust/fume/gas/mist/vapors/spray. Wear protective gloves/protective clothing/eye protection/face protection.  
 RESPONSE:  
 IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell. Rinse mouth. Do NOT induce vomiting.  
 IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower. Wash contaminated clothing before reuse.  
 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Immediately call a POISON CENTER or doctor/physician.  
 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or doctor/physician.

## 3 – COMPOSITION / INFORMATION ON INGREDIENTS

INGREDIENT	C.A.S. NUMBER	Wt-%
Sodium metasilicate	6834-92-0	5-10
Sodium dodecylbenzene sulfonate	68081-81-2	5-10
2-Butoxy ethanol	111-76-2	5-10

\*Percentages of ingredients are being withheld as trade secret information. This information will be disclosed as necessary to authorized individuals

## 4 – FIRST-AID MEASURES

BREATHING (INHALATION): If victim shows signs of discomfort or irritation, remove to fresh air. If symptoms persist, get immediate medical attention.  
 SWALLOWING (INGESTION): DO NOT INDUCE VOMITING! Drink a large quantity of water or milk. Do not attempt to give liquids to an unconscious person. Get immediate medical attention!  
 EYES: Flush eyes with a large quantity of fresh water for at least 15 minutes. Immediately call a POISON CENTER or doctor/physician.  
 SKIN (DERMAL): Flush from skin and clothing with large amounts of fresh water. If irritation persists, consult physician. Wash contaminated clothing before wearing.

## 5 – FIRE-FIGHTING

MEASURES FLASHPOINT: This product is non-flammable.  
 EXTINGUISHING MEDIA: This product is non-flammable. Use extinguishing media suitable for materials already burning.  
 SPECIAL FIRE FIGHTING PROCEDURES: Firefighters working in areas where this product is present should be equipped with an approved, fully enclosed SCBA.  
 UNUSUAL FIRE AND EXPLOSION HAZARDS: None known.

## 6 – ACCIDENTAL RELEASE MEASURES

SPILL PROCEDURES: Dike to prevent spillage into streams or sewer systems. Consult local, state and federal authorities.  
 WASTE DISPOSAL: As recommended by local, state and federal authorities.

## 7 – HANDLING AND STORAGE

STORAGE: Store locked up. Store in a cool, well ventilated area. Avoid overheating or freezing.  
HANDLING: Do not place this product in an unmarked container. Avoid eye contact. Spilled material is slippery.

### **8 – EXPOSURE CONTROLS / PERSONAL PROTECTION**

RESPIRATORY PROTECTION: Respirator recommended, not normally required.  
PROTECTIVE CLOTHING: Nitrile or PVC gloves, and chemical splash goggles.  
ADDITIONAL MEASURES: Do not place this product in an unmarked container. Avoid eye contact.  
Spilled material is slippery.

INGREDIENT	C.A.S.	PEL	ACGHI
Sodium metasilicate	6834-92-0	None listed	None listed
Sodium dodecylbenzene sulfonate	68081-81-2	None Listed	None Listed
2-Butoxyethanol	111-76-2	50 ppm	20 ppm

### **9 – PHYSICAL / CHEMICAL PROPERTIES**

APPEARANCE & ODOR: Clear blue liquid	VAPOR PRESSURE: N/A
ODOR THRESHOLD: N/A	VAPOR DENSITY (AIR=1): Greater than 1.
pH: 12	SPECIFIC GRAVITY: 1.05
MELTING POINT: N/A	SOLUBILITY IN WATER: Completely soluble.
FREEZING POINT: N/A	PARTITION COEFFICIENT: N/A
BOILING POINT: 210 degrees F.	EVAPORATION RATE: N/A
BOILING POINT RANGE: N/A	FLAMMABILITY (solid/gas): N/A
FLASHPOINT: This product is non-flammable.	EXPLOSION LIMITS: N/A
AUTO-IGNITION TEMPERATURE: N/A	DECOMPOSITION TEMPERATURE: N/A
VISCOSITY: Slight body	

### **10 – STABILITY AND REACTIVITY**

STABILITY: Stable under normal conditions.  
HAZARDOUS POLYMERIZATION: This product not known to polymerize.  
INCOMPATIBILITY: Do not mix with other chemicals, bases or oxidizers

### **11 – TOXICOLOGICAL INFORMATION**

ROUTE(S) OF ENTRY: Ingestion. Dermal contact. Eye contact. Inhalation.  
LISTED CARCINOGEN: None listed  
MEDICAL CONDITION AGGRAVATED: May aggravate pre-existing dermatitis.  
INHALATION: May lead to irritation. Remove victim to fresh air if you feel unwell  
INGESTION: This material can cause irritation to stomach and esophagus.  
EYES: May cause severe eye irritation or burns.  
SKIN (DERMAL): This product may cause burns or irritation if not removed from the skin.

### **12 – ECOLOGICAL INFORMATION**

ENVIRONMENTAL FATE AND DISTRIBUTION: N/A  
PRODUCTS OF BIODEGRADATION: Possibly hazardous short term degradation products are not likely. However, long term degradation products may arise.  
TOXICITY OF THE PRODUCTS OF BIODEGRADATION: The products of degradation are less toxic than the product itself.

### **13 – DISPOSAL CONSIDERATIONS**

WASTE DISPOSAL: As recommended by local, state and federal authorities.

### **14 – TRANSPORTATION INFORMATION**

DOT PROPER SHIPPING NAME: N/A  
HAZARD CLASS: N/A  
UN/NA NUMBER: N/A  
PACKING GROUP: N/A  
LABELS REQUIRED: N/A

### **15 – REGULATIONS**

Contents of this MSDS comply with the OSHA Hazard Communication Standard 29CFR 1910.1200  
US TSCA INVENTORY STATUS: The components of this product are TSCA listed.

### **16 – OTHER INFORMATION**

The data and recommendations presented herein are based upon our research and that of others and are believed to be accurate. No guarantee of their accuracy is made, and they are distributed without warranty, express or implied. The person receiving them shall make their own determination of the suitability thereof for their particular purpose.

