

SECTION 1 – IDENTIFICATION
Product Identifier BigFoot Orange

Other Means of Identification BF-SD-1; BF-SD-2.5; BF-SD-5; BF-SD-55

Recommended Use of the Chemical See product label

Responsible Party
Name ChemBASIC

Address 1160 White St, Sturgis, MI 49091 USA

Phone 513-513-0616

Fax 513-513-0616

Web www.chembasic.com

Emergency Phone Number For Chemical Emergencies call 1-800-686-3201

Poison Control Center 1-800-222-1222

SECTION 2 – HAZARD IDENTIFICATION
Classification of the Chemical Skin Corrosion, category 1A; Serious Eye Damage, category 1

Signal Word Danger

Hazard Symbols

Hazard Statement(s) Causes severe skin burns and eye damage

Hazards Not Otherwise Classified None known 0% of the mixture consists of ingredients of unknown toxicity

Note Labeling information found on this SDS may be different from label. Safety Data Sheets are regulated by OSHA (29 CFR §1910.1200) while the actual product and its label may be regulated by a different government agency

Precautionary Statement(s) Do not breathe dusts or mists Wash hands thoroughly after handling Wear protective gloves and eye protection Specific treatment (see FIRST AID section on this label) Store locked up Dispose of container in accordance with local regulations IF SWALLOWED: Rinse mouth. Do NOT induce vomiting IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water. Wash contaminated clothing before reuse IF INHALED: Remove person to fresh air and keep comfortable for breathing. Immediately call a poison control center IF IN EYES: Rinse cautiously with water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing

SECTION 3 – COMPOSITION / INFORMATION ON INGREDIENTS

Ingredient	CAS	wt%	GHS Classification(s)
Sodium Hydroxide	1310-73-2	<50	Skin Corrosive 1
Potassium Hydroxide	1310-58-3	<20	Skin Corrosive 1; Acute Toxicity 4 (oral)
Sodium Metasilicate Pentahydrate	10213-79-3	<10	Skin Corrosive 1; STOT-SE 3 (respiratory irritation)

Trade Secret Claim When applicable, the specific concentration of each hazardous ingredient is considered a TRADE SECRET. Chemical names and identifiers will be listed in exact composition weight and name when not subject to trade secret exemptions

SECTION 4 – FIRST AID MEASURES
General First Aid Measures If medical attention is required then provide product label or safety data sheet to a medical professional

Most Important Symptoms None known

If Inhaled Move person to fresh air and keep comfortable for breathing. Administer artificial respiration if person is not breathing. Seek medical attention if symptoms develop.

If on Skin Immediately remove contaminated clothing and flush affected skin with plenty of water for at least 15 minutes. Do not

Indication of Immediate Medical Attention Seek immediate medical attention if exposed to skin or eyes as material may cause permanent damage

If in Eyes Rinse cautiously with water for 15–20 minutes. Remove contact lenses, if present and easy to do. Continue rinsing

If Swallowed Do NOT induce vomiting unless instructed to do so by a trained medical professional. Rinse mouth with water

neutralize with chemicals. Seek immediate medical attention

SECTION 5 – FIRE-FIGHTING MEASURES

Suitable Extinguishing Media Water spray, carbon dioxide, sand, powder extinguisher, or dry chemical. Water jets are not recommended

Unsuitable Extinguishing Media None known

Specific Hazards Arising From the Chemical None known

Hazardous Combustion Products Thermal decomposition may produce irritating or corrosive fumes

Special Protective Equipment for Fire-fighters Wear self-contained breathing apparatus (SCBA) and full protective equipment

Precautions for Fire-Fighters Not determined

SECTION 6 – ACCIDENTAL RELEASE MEASURES

Personal Precautions Ensure that the environment is physically safe to be in. Wear personal protective equipment before remedying an accidental release of mixture

Protective Equipment Wear gloves suitable for chemical resistance. Wear protective eye glasses/goggles. In the event of inadequate air ventilation use artificial breathing apparatuses

Methods for Containment and Clean Up Provide mechanical ventilation. Absorb with inert material such as sand or vermiculite and sweep into a container appropriate for storage. Offer to a licensed waste disposal company for appropriate disposal

Emergency Procedures Evacuate all non-essential personnel from the area. Shut off all sources of ignition. Ensure that all drains are covered to prevent environmental exposure. Follow methods found in next sub-section: Methods for Containment and Clean Up

References See Section 7 on safe handling. Section 8 for information on personal protection equipment. See Section 13 for disposal information

SECTION 7 – HANDLING AND STORAGE

Precautions for Safe Handling Keep in original container before and after use. Read product label thoroughly and follow directions as provided in each label's Directions section. Wear protective equipment suggested in Section 8 even if product label does not recommend use of protective equipment

Conditions for Safe Storage Store in all original containers/packaging as product label contains important information regarding proper use of chemical. Store appropriate to NFPA ratings found in Section 15 of this SDS.

Storage Incompatibilities None known

SECTION 8 – EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Limits

Ingredient	CAS	PEL	ACGIH	NIOSH
Sodium Hydroxide	1310-73-2	2 mg/m ³	2 mg/m ³	2 mg/m ³
Potassium Hydroxide	1310-58-3	n/a	2 mg/m ³	2 mg/m ³
Sodium Metasilicate Pentahydrate	10213-79-3	n/a	n/a	n/a

General Note Practice good industrial hygiene by washing hands thoroughly before and after use. Keep working areas clean. Ensure proper use of personal protective equipment as recommended in this section

Appropriate Engineering Controls Ensure adequate mechanical ventilation capable of preventing vapor build up

Eye Protection Chemical splash goggles and face shield are recommended when using this product. Eye protection should fit user as to minimize risk of exposure as much as possible and protect against splash back and aerosolized mists which may affect eyes

Skin Protection Wear long sleeves and pants to minimize exposure to skin. Wear protective gloves when using this product. Gloves should be chemically resistant to the material. Launder contaminated clothing before reuse. Wear an apron if usage of chemical is anticipated to expose user to a large quantity of material

Respiratory Protection Mechanical ventilation is often sufficient for ensuring respiratory systems are better protected against exposure to material; however, should it be determined that material exposure limits are being concentrated as vapors then local ventilation should be utilized. Not anticipated to require personal breathing apparatuses for use or other respiratory protection equipment

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

Appearance Brown liquid

Odor Characteristic

Odor Threshold Characteristic

pH >12.5

Melting Point Not determined

Boiling Point Not determined

Flash Point Not determined

Evaporation Rate Not determined

Flammability Not determined

Upper Explosive % Not determined

Lower Explosive % Not determined

Vapor Density Not determined

Relative Density 1.2 (H₂O=1 at 20°C)

Solubility Complete

Partition Coefficient Not determined

Auto-Ignition Temp Not determined

Decomposition Temp Not determined

Viscosity Not determined

SECTION 10 – STABILITY AND REACTIVITY

Reactivity Material is not anticipated to be reactive

Chemical Stability Material is anticipated to be stable in normal storage conditions when not exposed to any incompatible materials

Possibility of Hazardous Reactions None known

Conditions to Avoid Ensure that chemical is not exposed to heat, direct sunlight, or sources of ignition

Incompatible Materials Not determined

Hazardous Decomposition Products Not anticipated to produce any hazardous decomposition products beyond any health risk

SECTION 11 – TOXICOLOGICAL INFORMATION

Acute Toxicity Estimates Oral – >2,000 mg/kg bw (not considered toxic) Dermal – Contains no ingredient(s) considered toxic Inhalation - Contains no ingredient(s) considered toxic

Aspiration Hazard Contains no ingredient(s) which poses a risk in this category

Carcinogenicity Contains no ingredient(s) which poses a risk in this category

Eye Damage/Irritation When material is a known skin corrosive then it is assumed that it will also cause permanent eye damage

Specific Target Organ Toxicity – Repeated Exposure Contains no ingredient(s) which poses a risk in this category

Specific Target Organ Toxicity – Single Exposure May cause respiratory irritation but isn't expected

Delayed and Immediate Effects From Short- and Long-Term Exposure Not determined

Germ Cell Mutagenicity Contains no ingredient(s) which poses a risk in this category

Reproductive Toxicity Contains no ingredient(s) which poses a risk in this category

Respiratory Sensitization Contains no ingredient(s) which poses a risk in this category

Skin Corrosion/Irritation May cause permanent skin damage if exposed

Skin Sensitization Contains no ingredient(s) which poses a risk in this category

Symptoms related to the Chemical Characteristics Not determined

National Toxicology Program Listing No ingredient(s) listed as possibly carcinogenic

International Agency for Research on Cancer Listing No ingredient(s) listed as possibly carcinogenic

SECTION 12 – ECOLOGICAL INFORMATION

Ecotoxicity Estimated Values Algae Contains no ingredient(s) considered toxic Fish Contains no ingredient(s) considered toxic Crustacea Contains no ingredient(s) considered toxic

Persistence and Degradability Not determined

Bioaccumulative Potential Not determined

Mobility in Soil Not determined

Other Adverse Effects Not determined

SECTION 13 – DISPOSAL CONSIDERATIONS

Disposal of Empty Containers Empty container can be recycled

licensed waste management company and follow all local regulations

Disposal of Material Dispose of full or partially full containers by offering material to a on proper disposal of material

SECTION 14 – TRANSPORTATION INFORMATION

Hazard Placards

UN Number 3266

UN Shipping Name Corrosive Liquid, basic, inorganic n.o.s

Technical Name(s) Sodium Hydroxide and Potassium Hydroxide mixture

Hazard Class(es) 8 Corrosive

Packaging group II

Limited Quantity <1 L

Marine Pollutant No

Transport in Bulk Not determined

Special Precautions Keep in original container. Do not store excessive weight on top

SECTION 15 – REGULATORY INFORMATION

SARA 311 No applicable ingredient(s)

SARA 312 No applicable ingredient(s)

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TSCA Inventory List All ingredients in this mixture are on the TSCA inventory list as active or exempt.

California Prop65 No applicable ingredient(s) ARB Designation Not applicable VOC Limit Not applicable

HMIS®/III (higher numbers indicate higher risk) Health 3
Flammability 0 Physical Hazard 2

NFPA (higher numbers indicate higher risk) Health 3
Flammability 0 Instability 0

SECTION 16 – OTHER INFORMATION

Revision History June 2026 — SDS reviewed, re-authored, and rebranded to ChemBASIC

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-END SAFETY