

## SECTION 1 – PRODUCT AND COMPANY INFORMATION

---

**Product name:** 0013 ORGANIC BLEND -F  
**Product Application:** Boiler water treatment  
**Emergency telephone number:** CHEMTREC (800) 424-9300 **Poison Control:** 1-800-222-1222

## SECTION 2 – HAZARD IDENTIFICATION

---

### Classification of the substance or mixture

GHS Classification in accordance with 29 CFR 1910 (OSHA HCS)

**Acute Toxicity—Dust Inhalation Category 5**

**Signal Word:** **WARNING**

### Pictograms:



### Hazard Statements:

**H333** : May be harmful if inhaled

### Precautionary Statements:

**P261** : Avoid breathing dust.

**P271** : Use only outdoors or in a well-ventilated area

**P312** : Call a POISON CENTER or doctor if you feel unwell

### Precautionary Statements (Prevention):

**P280** Wear protective gloves/protective clothing/eye protection/face protection.

**P243** Take precautionary measures against static discharge.

**P260** Do not breathe dust or mist.

**P273** Avoid release to the environment.

**P201** Obtain special instructions before use.

**P202** Do not handle until all safety precautions have been read and understood.

**P270** Do not eat, drink or smoke when using this product.

**P264** Wash with plenty of water and soap thoroughly after handling.

**P233** Keep container tightly closed.

**P234** Keep only in original container.

### Precautionary Statements (Response):

**P310** Immediately call a POISON CENTER or doctor/physician.

**P305 + P351 + P338** IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

**P303 + P361 + P352** IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Wash with plenty of soap and water.

**P304 + P340** IF INHALED: Remove person to fresh air and keep comfortable for breathing.

**P303 + P361 + P353** IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.

**P301 + P330 + P331** IF SWALLOWED: rinse mouth. Do NOT induce vomiting.

**P390** Absorb spillage to prevent material damage.

**P370 + P378** In case of fire: Use water spray, dry powder, foam or carbon dioxide for extinction.

### SECTION 3 – COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous Ingredient	CAS	Wt%
Sodium Lignosulfonate	8061-51-6	80-90%

### SECTION 4 – FIRST AID MEASURES

#### Description of first aid measures

**General advice:** Consult a physician. Show this safety data sheet to the doctor in attendance. Move out of dangerous area.

**If in eyes:** Get medical attention immediately. Call a poison center or physician. Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 10 minutes.

**If inhaled:** Get medical attention immediately. Call a poison center or physician. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If it is suspected that fumes are still present, the rescuer should wear an appropriate mask or self-contained breathing apparatus. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband. In case of inhalation of decomposition products in a fire, symptoms may be delayed. If available, immediately administer a corticosteroid from a controlled/metered dose inhaler.

#### Protection of first-aiders :

Dust mask, gloves and safety goggles are highly recommended.

The most important known symptoms and effects are described in Section 2 and/or in Section 11.

### SECTION 5 – FIREFIGHTING MEASURES

**Fire/Explosion Hazard :** Negligible fire hazard when exposed to flame.

**Extinguishing Media :** Use water spray, alcohol-resistant foam, dry chemical, or carbon dioxide.

**General Hazard :** Evacuate personnel downwind in-order to avoid inhalation of irritating and/or harmful fumes and smoke.

**Fire Fighting Procedures :** This product is a non-flammable substance. No acute hazard.

Special hazards arising from the substance or mixture: Carbon oxides and Sulphur oxides

**Fire Fighting Equipment :** Full protective equipment (bunker gear) and self-contained breathing apparatus (SCBA) should be used for all indoor fires and any significant outdoor fires. If possible, firefighters should control run-off water to prevent environmental contamination.

### SECTION 6 – ACCIDENTAL RELEASE MEASURES

**Protective Gear for Personnel :** Gloves and dust mask.

**Spill Clean-up Procedures :** Sweep up and dispose according to state, federal, and local non-hazardous waste laws and regulations. Do not let waste enter the environment.

**Environmental Precaution :** Do not allow to enter sewers or ground water, or penetrate the soil.

### SECTION 7 – HANDLING AND STORAGE

**Handling :** Further processing of solid materials may result in the formation of combustible dusts. The potential for combustible dust formation should be taken into consideration before additional processing occurs. Provide appropriate exhaust ventilation at places where dust is formed.

**Storage :** Store in a cool, dry well-ventilated area. Keep containers closed when not in use. Observe all federal, state and local regulations when storing or disposing of this substance.

### SECTION 8 – EXPOSURE CONTROL AND PERSONAL PROTECTION

**Control parameters**

**Components with workplace control parameters:**

**OSHA PELV** : 15 mg/M3 (total) and 5 mg/M3 (respirable) (dust as PNOR)

**ACGIH TLV** : 15 mg/M3 for dust

**Exposure Control** : Adequate ventilation for comfort is recommended

**Engineering Controls** : Use appropriate engineering controls to minimize exposure to dust generated via routine use. Maintain adequate ventilation of workplace and storage areas.

**Personal Protective Equipment : Eyes and face:** Wear safety glasses with side shields or goggles when handling this material. **Skin:** Wear protective clothing and gloves when handling this product to prevent prolonged skin contact. **Respiratory:** Avoid breathing dust or mist. Use NIOSH approved respiratory protection equipment when air borne exposure is excessive.

**Work Hygienic Practices** : Facilities storing or using this material should be equipped with emergency eyewash, and a safety shower. Good personal hygiene practices should always be followed.

---

**SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES**

**Appearance/Color** : Powder/Brown

**Odor** : Slight

**Odor threshold** : Not available

**Flash Point** : Not applicable

**Evaporation Rate** : Not applicable

**Lower Explosive Limit** : 0.2 oz./cu. ft.

**Upper Explosive Limit** : 3.5 oz./cu. ft.

**Auto-ignition Temp** : 400 C for dust

**Decomposition Temp** : Not available

**Vapor Pressure** : Not applicable

**Vapor Density** : Not applicable

**Partition Coefficient** : Not applicable

**Solubility** : Soluble in water 100%

**pH (neat)** : 11.5 - 12.5

**Melting Point** : > 130° C

**Freezing Point** : Not applicable

**Boiling Range** : Not applicable

**% Volatiles by Weight** : 4 - 8 (water)

**Flammability** : Not flammable

**Bulk Density** : 0.37 - 0.56

**Water/Oil Dist.**

**Coefficient** : 100% in Water

**Dry Matter %** : 92 - 96%

**Note:** Physical Data is typical values based on material tested, but may vary based on composition. Values should not be accepted as guaranteed for every lot or as specifications for this product.

---

**SECTION 10 – STABILITY AND REACTIVITY**

**Stability** : The product is stable under normal ambient conditions of temperature and pressure.

**Hazardous Decomposition Products** : Typical combustion products

**Hazardous**

**Polymerization** : Will not occur

**Incompatible Materials** : Contact with strong oxidizing agents

**Conditions to Avoid** : In common with many other organic chemicals, the product may in certain circumstances form flammable dust clouds in air.

---

## SECTION 11 – TOXICOLOGICAL INFORMATION

### Toxicity Data

LD50 : >5,000 mg/kg

Skin Contact :Not classified as irritating to the skin

Eye Contact :High alkalinity of product may cause eye irritation

Sensitization : None Known

### Chronic Toxicity

Carcinogenic Listings : Not a carcinogen

Mutagenicity : None known

---

## SECTION 12 – ECOLOGICAL INFORMATION

Biological oxygen demand (BOD) : 0.110 lbs. BOD/lb of solids. Partially biodegradable

Chemical oxygen demand (COD) : 0.385 lbs. COD/lb of solids

---

## SECTION 13 – DISPOSAL CONSIDERATION

**Disposal Method** : Dispose of waste at an appropriate waste disposal facility according to current applicable laws and regulations.

**Product Disposal** : Recycle or reuse whenever possible. Uncontaminated waste may be returned to the manufacturer. Dispose of any contaminated waste product as non-hazardous waste, unless contamination is hazardous in nature.

**Packaging Disposal** : Dispose of at a supervised incineration facility or an appropriate waste disposal facility.

---

## SECTION 14 – TRANSPORT INFORMATION

**Shipping Name** : Not D.O.T regulated

**Hazard Class** : Not Dangerous for Transport

**UN Number** : None

---

## SECTION 15 – REGULATORY INFORMATION

### National Fire Protection Association (NFPA) Ratings:

#### U.S. Federal Regulations:

**TSCA Inventory Status** : All components of this product are listed on the TSCA inventory.

**EINECS listed**: Exempt - Polymer

**CERCLA Section 103**: No

**SARA TITLE III (EPCRA) Section 302/304**: This product was not found to be on the hazardous chemicals list.

**SARA TITLE III (EPCRA) Section 311/312**: This product was not found to be on the acute hazard, chronic hazard, fire hazard, or reactivity hazard chemicals lists.

**California Proposition 65**: This product is not listed.

**OSHA process Safety (29CFR1910.119)**: This product is not listed.

**Canadian Domestic Substance List**: Listed

**Pennsylvania and New Jersey Right to Know Components**: Lignosulfonic acid, sodium salt, CAS# 8061-51-6



---

## SECTION 16 – OTHER INFORMATION

**Disclaimer**: The information presented herein is based on data considered to be accurate as of the date of preparation of this Safety Data Sheet. However, no warranty or representation, expressed or implied, is made as to the accuracy or completeness of the foregoing data and safety information, nor is any authorization given or implied to practice any patented invention without a license. In addition, no responsibility can be assumed by the vendor for any damage or injury resulting from abnormal use, from failure to adhere to recommended practices, or from any hazards inherent in the nature of the product.