

# SAFETY DATA SHEET

Product Name : FSS Stabilizer II

Date Issued : December 3, 2015

## SECTION 1 : PRODUCT AND COMPANY IDENTIFICATION

**Product Name:** FSS Stabilizer II  
**Formula :** Multi-component mixture

**Chemical Synonym / C# :** 1152  
**Chemical Family:** Mild alkaline blend

**Supplier :** Huguenot Laboratories 101 Riverdale Rd. Port Jervis, NY 12771

**Information Telephone :** (800)228-3793

**Emergency Telephone :** (855) 347-8203

## SECTION 2 : HAZARD IDENTIFICATION

**Form :** Liquid **Color :** Clear, colorless

**Emergency Overview :** Solutions are eye and skin irritants, and prolonged or repeated contact may cause irritation. Mists are irritating to the skin, mucous membranes, and upper respiratory tract. Read the entire SDS for a more thorough evaluation of the hazards.

**OSHA Hazard Communication Standard :** This product has been evaluated and classified as defined by OSHA Hazard Communication Standard, 29CFR 1910.1200.

**GHS Classification :**

Eye Irritation (Category 2A Irritant)

Skin Irritation (Category 2 Irritant)

**Label Elements :**

**Signal Word :** Warning



**GHS Hazard Pictograms :**

Exclamation Mark

**Hazard Statements :**

H303 May be harmful if swallowed

H315 Causes skin irritation

H319 Causes serious eye irritation

H335 May cause respiratory irritation

**Precautionary Statements :**

P102 Keep out of reach of children.

P261 Avoid breathing dust/fume/gas/mist/vapours/spray.

P281 Use personal protective equipment as required.

P301+ 312 IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.

P304 + 312 IF INHALED: Call a POISON CENTER or doctor/physician if you feel unwell.

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

P337 + P313 IF eye irritation persists: Get medical advice/attention.

P302 + 351 IF ON SKIN Rinse cautiously with water for several minutes.

P333 + P313 IF SKIN irritation or rash occurs: Get medical advice/attention.

**Other hazards which do not result in classification :**

None known. See Section 11 for Potential Health Hazards

# SAFETY DATA SHEET

Product Name : FSS Stabilizer II

Date Issued : December 3, 2015

## SECTION 3 : COMPOSITION / INFORMATION ON INGREDIENTS

Hazardous Ingredient(s)	CAS #	% (w/w)
Phosphoric acid, dipotassium salt	7758-11-4	25 - 50
Benzotriazole	95-14-7	1 - 5

Unlisted components are considered non-hazardous as per 29CFR1910.1200g2C. See section 15 for specific state right-to-know information if applicable.

## SECTION 4 : FIRST AID MEASURES

**Eye Contact:** Immediately flush contacted area repeatedly with water for at least 15 minutes, holding eyelids open. Contact a physician for treatment.

**Skin Contact:** Immediately flush contacted area repeatedly with water for at least 15 minutes. If irritation persists, contact a physician for treatment. Clean contaminated clothing before reuse.

**Inhalation:** Inhalation is not an expected route of exposure. If respiratory irritation or distress occurs, remove victim to fresh air. If irritation persists, seek medical attention.

**Ingestion:** Never give anything by mouth to an unconscious person. If swallowed, do not induce vomiting. Give 1-2 glasses of water to drink, if conscious and alert.

**Notes to physician :** treat symptomatically. No specific antidote available. Consideration should be given to the possibility that overexposure to materials other than this product may have occurred.

## SECTION 5 : FIRE FIGHTING MEASURES

**Extinguishing Media:** None required.

**Fire Fighting Procedures:** Use caution when fighting any fire. Adequate respiratory protection is essential.

**Unusual Fire and Explosion Hazards:** None known.

## SECTION 6 : ACCIDENTAL RELEASE MEASURES

**Personal precautions :** Use suitable protective equipment (See Section 8 : "Exposure controls / personal protection").

**Steps to be taken in case material is released or spilled:**

**Small Spill:** Absorb with suitable absorbent such as sand or vermiculite.

**Large Spill:** Stop leak at source and contain spill with dike made of inert material such as sand or diatomaceous earth. Pump material to suitable container for possible reuse.

**Solid spill:** Sweep up and return to container.

# SAFETY DATA SHEET

Product Name : FSS Stabilizer II

Date Issued : December 3, 2015

## SECTION 7 : HANDLING AND STORAGE

**Handling:** Avoid breathing vapors and mists. Avoid direct or prolonged contact with skin and eyes. In cold weather, liquids may stratify and freeze. This does not damage the product. If freezing occurs, thaw and remix before using. Frozen material may be thawed in a warm room. Avoid localized overheating. Vent drums while heating. Mix thoroughly to assure homogeneity. Handle with care. Wash thoroughly after handling.

**Storage Requirements:** Keep container closed. Store in an area that is dry and well-ventilated, away from incompatible materials (see section 10). For Industrial and commercial use only!

## SECTION 8 : EXPOSURE CONTROLS / PERSONAL PROTECTION

Hazardous Ingredient	ACGIH TLV (mg/m3) TWA	ACGIH TLV (mg/m3) STEL
Phosphoric acid, dipotassium salt	-	-
Benzotriazole	-	-

### **Engineering measures :**

**Ventilation / Local Exhaust :** General room ventilation.

**Ventilation / Mechanical Recommendations:** None required.

### **Personal protective equipment :**

**Respiratory Protection:** Not required for properly ventilated areas.

**Skin Protection:** Vinyl or rubber protective gloves.

**Eye Protection:** Goggles or face shield.

**Other Protective Equipment:** Vinyl apron (optional).

## SECTION 9 : PHYSICAL AND CHEMICAL PROPERTIES

**Appearance / Odor:** Clear, colorless liquid, odor nil.

**Water Solubility:** Complete

**Specific Gravity:** 1.24

**Evaporation Rate(water=1):** N/A

**Vapor Density(air=1) :** N/A

**Flash Point :** None

**Flammable Limits: LEL =** N/A **UEL =** N/A

**pH (100%):** 10.0 - 10.3

**Boiling Point (°F) :** 212+

**% Volatile:** N/A

**Vapor Pressure(mmHg):** N/A

**Flash Point Method Used:** N/A

## SECTION 10 : STABILITY AND REACTIVITY

**Hazardous Decomposition Products:** None.

**Chemical Stability:** Stable.

**Conditions to Avoid:** Avoid contact with hot solutions, splashing solutions, prolonged skin contact.

**Incompatibility with other Substances:** Acids, oxidizers

**Hazardous Polymerization:** Will not occur.

# SAFETY DATA SHEET

Product Name : FSS Stabilizer II

Date Issued : December 3, 2015

## SECTION 11 : TOXICOLOGICAL INFORMATION

### **Potential Health Hazards (as mild alkaline or detergent blend) :**

**Inhalation:** Inhalation of mists or dusts may cause irritation to respiratory tract. Symptoms from excessive inhalation or of concentrated product may include gasping or coughing and difficulty breathing. Excessive contact may cause damage to the nasal septum.

**Skin Contact:** May cause mild irritation. Concentrated or prolonged contact may cause irritation with redness and blistering.

**Eye Contact:** May cause mild irritation. Concentrated or prolonged contact may cause conjunctival edema and corneal destruction.

**Ingestion:** Swallowing may produce gastrointestinal upset. Symptoms from ingestion of large doses may include severe abdominal pain, vomiting, and diarrhea.

**Toxicological Data:** Toxicological studies were not performed on the blended product, although it is considered to be a severe eye irritant, and moderately irritating to the skin.

### **Toxicological Data (as Phosphoric acid, dipotassium salt):**

**Routes of Entry:** Inhalation. Ingestion.

**Toxicity to Animals:**

LD50: Not available. LC50: Not available.

**Chronic Effects on Humans:** Not available.

**Other Toxic Effects on Humans:**

Hazardous in case of ingestion. Slightly hazardous in case of skin contact (irritant), of inhalation.

**Special Remarks on Chronic Effects on Humans:** Not available.

**Special Remarks on other Toxic Effects on Humans:**

**Ingestion:** Phosphates are toxic because of their ability to sequester calcium, but they are slowly and incompletely absorbed when ingested, and seldom result in systemic effects. Furthermore, acute potassium poisoning by mouth is rare because large single doses usually induce vomiting and because in the absence of pre-existing kidney damage, potassium is rapidly excreted. However, such effects have occurred. Symptoms may include gastrointestinal tract irritation (gastroenteritis) with nausea, vomiting, abdominal discomfort, diarrhea. May affect behavior/central nervous system (somnolence, listlessness, mental confusion, convulsions), metabolism (anorexia), cardiovascular system (fall of blood pressure, cardiac arrhythmias, heart block), kidneys (polyuria, polydipsia). May cause mineral imbalance and affect osmotic pressure of body fluids. Other clinical signs and symptoms of oral overdosage may include: paresthesias of the extremities, weakness or heaviness of the legs, flaccid paralysis, cold skin, gray pallor.

### **Toxicological Data (as Benzotriazole):**

**Peroral :** LD50 (rat) = 560 ml/kg

**Dermal :** LD50 = > 2000 mg/Kg Not a primary skin irritant (rabbit)

**Eye Irritation :** caused severe eye irritation

**Carcinogenicity:** This product does not contain any materials considered to be carcinogenic according to OSHA, NTP, IARC, or ACGIH.

# SAFETY DATA SHEET

Product Name : FSS Stabilizer II

Date Issued : December 3, 2015

## SECTION 12 : ECOLOGICAL INFORMATION

**Exotoxicological Information:** No data found for the blended product.

**Exotoxicological Information (as Phosphoric acid, dipotassium salt):**

**Ecotoxicity:** Not available.

**BOD5 and COD:** Not available.

**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 product itself and its products of degradation are not toxic.

**Special Remarks on the Products of Biodegradation:** Not available.

**Aquatic toxicity (as Benzotriazole):**

Bluegill Sunfish (96 hr. TIm) = 28 mg/l

Minnow (96 hr. TIm) = 28 mg/l

Trout (96 hr. LC50) = 39 mg/l

Algae (96 hr. EC50) = 15.4 mg/l

Daphnia magna (48 hr. LC50) = 141.6 mg/l

## SECTION 13 : DISPOSAL CONSIDERATIONS

**Waste Disposal Method:** Recycle, recovery and reuse of materials, where permitted, is encouraged as an alternate to disposal as a waste. Hazardous waste classification under federal regulations (40 CFR Part 261 et seq) is dependent upon whether a material is a RCRA listed hazardous waste or has any of the four RCRA hazardous waste characteristics. Refer to 40 CFR Part 261.33 to determine if a given material to be disposed of is a RCRA listed hazardous waste. RCRA Hazardous Waste Characteristics: There are four characteristics defined in 40 CFR Section 261.21-61.24: *Ignitability, Corrosivity, Reactivity, and Toxicity*. To determine Ignitability, see Section 9 of this SDS (flash point). For Corrosivity, see Sections 9 and 14 (pH and DOT corrosivity). For Reactivity, see Section 10 (incompatible materials). For Toxicity, see Section 2 (composition). Federal regulations are subject to change. State and local requirements, which may differ from or be more stringent than the federal regulations, may also apply to the classification of the material if it is to be disposed.

**Is the unused product a RCRA hazardous waste (40CFR261.33) if discarded? No**

**If yes, the RCRA ID number is : N/A**

## SECTION 14 : TRANSPORTATION INFORMATION

**Transportation Emergency Telephone Number:** 3E 24 hour number : (855) 347-8203

**UN Number / DOT Proper Shipping Name / DOT Hazard Class /Packing Group / DOT Label & other information:** NOT REGULATED BY DOT (mildly alkaline cleaning liquid NOIBN)

## SECTION 15 : REGULATORY INFORMATION

**US FEDERAL REGULATIONS :**

**TSCA (Toxic Substances Control Act) Status :** The intentional ingredients of this product are listed.

# SAFETY DATA SHEET

Product Name : FSS Stabilizer II

Date Issued : December 3, 2015

## CERCLA RQ - 40 CFR 302.4(a) :

Component      RQ (lbs)

none

Spills or releases resulting in the loss of any ingredient at or above its RQ requires immediate notification to the National Response Center (800) 424-8802 and to your Local Emergency Planning Committee.

## SARA 302 Components - 40 CFR 355 Appendix A

Section 302 Component(s)   TPQ (lbs)   RQ (lbs)

none

## SARA 311/312 Classification - 40 CFR 370.2 :

none

## SARA 313 Components - 40 CFR 372.65:

Section 313 Component(s)   CAS #      %

none

## INTERNATIONAL REGULATIONS :

(as Phosphoric acid, dipotassium salt):

**EINECS:** This product is on the European Inventory of Existing Commercial Chemical Substances.

**WHMIS (Canada):** Not controlled under WHMIS (Canada).

## STATE REGULATIONS :

**California Safe Drinking Water Act (Prop. 65) Listing :**

**Other Regulations / Legislation which apply to this product:**

(as Phosphoric acid, dipotassium salt): none known

(as Benzotriazole) : Massachusetts Substance List

## SECTION 16 : OTHER INFORMATION

**NFPA Rating :**    HEALTH: 2    FLAMMABILITY: 0    REACTIVITY: 0

NFPA hazard degree designation 704: 4 = extreme, 3 = high, 2 = moderate, 1 = slight, 0 = none.

**Revision Date :** 12/3/2015

Information and data compiled to compose this SDS is correct to the best of our knowledge as of the printed date, and is offered solely for your consideration, investigation, and verification.