

## Sour Buff Intermediate

### SECTION 1 – PRODUCT AND COMPANY IDENTIFICATION

Manufacturer's Name: Pariser Industries  
Address : 91 Michigan Ave  
Paterson, NJ 07503  
Website : www.Pariserchem.com  
Phone : 973-569-9090  
Emergency Phone : 1-800-424-9300 (Chemtrec)  
Chemtrec Contract : CCN16764

T : 973-569-9090  
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Info@Pariserchem.com

Date Printed: 12/21/2015  
Name of Preparer: Environmental Dept

Product Name: Sour Buff Intermediate  
CAS No. : Mixture  
Product Form: Powder  
Trade Secret Registry # 307554-5973P

HMIS Codes:

H	F	R	P
1	0	0	E

UN Number:  
N/A

Recommended Use of Chemical: Industrial

### SECTION 2 – HAZARDS IDENTIFICATION

**Carcinogenicity:**

NTP Carcinogen: No

IARC Monographs: No

OSHA Regulated: No

**GHS Classification:**



**GHS Environmental Statements:**

N/A

**GHS Health Statements:**

Reproductive Toxicity (2)

**GHS Hazard Statements:**

H361: Suspected of damaging fertility or the unborn child

**GHS Precautionary Statements:**

- P261: Avoid breathing dust/fume/gas/mist/vapours/spray
- P280: Wear protective gloves/protective clothing/eye protection/face protection
- P301+330+331: IF SWALLOWED: Rinse mouth. Do NOT induce vomiting
- P302+352: IF ON SKIN: Wash with soap and water
- P304+340: IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing
- P405: Store locked up
- P501: Dispose of contents/container in accordance with local/regional/national/international regulations.
- P202: Do not handle until all safety precautions have been read and understood

**GHS Signal Word:** Warning

### SECTION 3 – COMPOSITION/INFORMATION ON INGREDIENTS

**Name of Chemical Contributing to Known Hazards:**

BORIC ACID

**Common Name of Chemical Contributing to Known Hazards:**

pH buffer

Name	Product Identifier (CAS No)	%
BORIC ACID	10043-35-3	50-90

### SECTION 4 – FIRST AID MEASURES

**Emergency and First Aid Procedures**

**First – Aid Measures General:**

Check the vital functions. Unconscious: Maintain adequate airway and respiration. Respiratory Arrest: Artificial respiration or oxygen. Cardiac Arrest: Perform resuscitation. Victim conscious with labored breathing: Half-seated. Victim in Shock: On his back with legs slightly raised. Vomiting: Prevent asphyxia/aspiration pneumonia. Prevent cooling by covering the victim (no warming up). Keep watching the victim. Give psychological aid. Keep the victim calm, avoid physical strain. Depending on the victim's condition: Doctor/Hospital. Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show label where possible).

**First – Aid Measures after Inhalation:**

Remove the victim into fresh air. Respiratory Problems: consult a doctor/medical service. Remove to fresh air and keep at rest in a position comfortable for breathing. If symptoms continue seek medical attention.

**First – Aid Measures after Skin Contact:**

Wash immediately with lots of water (15 minutes)/shower. Do not apply (chemical) neutralizing agents. Remove clothing while washing. Cover wounds with sterile bandage. Consult a doctor/medical service if required.

**First – Aid Measures after Eye Contact:**

Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If symptoms continue seek medical attention.

**First – Aid Measures after Ingestion:**

Rinse mouth with water. Immediately after ingestion: Give lots of water to drink. Do not induce vomiting. Do not give activated charcoal. Do not give chemical antidote. Immediately consult a doctor/medical service. Ingestion of large quantities: Go immediately to hospital.

**Most Important Symptoms and Effects (Acute and Delayed)**

**Symptoms/Injuries after Inhalation:**

Dry/sore throat. Coughing. Irritation of the respiratory tract and/or nasal mucous membranes. Delayed symptoms include possible laryngeal spasm/oedema. Risk of lung oedema. Respiratory difficulties.

**Symptoms/Injuries after Skin Contact:**

Absorption through skin could cause itching, irritation, and rashes.

**Symptoms/Injuries after Eye contact:**

Contact can cause irritation or burning in eyes.

**Symptoms/Injuries after Ingestion:**

May cause headache, dizziness, and gastrointestinal distress.

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**SECTION 5 – FIRE-FIGHTING MEASURES**

**Extinguishing Media:**

Use fire extinguishing media suitable for surrounding fires. Product is non-flammable.

**Unsuitable Extinguishing Media:**

None Known

**Hazards Arising From the Chemical:**

None Known

**Advice for Firefighters**

**Precautionary Measures\Firefighting Instructions:**

Follow normal firefighting protocols.

**Special Protective Equipment:**

Self contained breathing apparatus and full protective clothing must be worn in case of fire.

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**SECTION 6 – ACCIDENTAL RELEASE MEASURES**

## Personal Precautions, Protective Equipment, and Emergency Procedures

### Protective Equipment:

Gloves and Goggles. Wear additional appropriate protective equipment and clothing when necessary.

### Emergency Procedures:

Mark the danger area. Ensure adequate ventilation. No naked flames. Wash contaminated clothes. Large spills/in confined spaces: Consider evacuation.

### Environmental Precaution:

Prevent soil and water pollution. Prevent spreading in sewers. Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters. Avoid release to the environment.

## Methods and Material for Containment and Cleaning Up

### Containment:

See "Methods for Clean Up" below

### Methods for Clean Up:

Pick up and arrange disposal without creating dust. Sweep up and shovel. Clean surfaces thoroughly with water to remove residual contamination. Dispose of all waste and cleanup materials in accordance with regulations.

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## SECTION 7 - HANDLING AND STORAGE

### Precautions for Safe Handling:

Wear appropriate personal protective equipment. Open containers slowly, on a stable surface. Containers of this product must be properly labeled. Keep container tightly closed when not in use. Wash thoroughly after using this material. Inspect all incoming containers before storage, to ensure containers are properly labeled and not damaged. Empty containers may contain residual materials, therefore, empty containers should be handled with care.

### Conditions for Safe Storage, Including any Incompatibilities

### Storage Conditions:

Store in a dry area. Keep only in the original container in a cool, well ventilated place, away from direct sunlight and sources of intense heat. Keep container closed when not in use. Protect against freezing. Store away from incompatible materials. Provide for a tub to collect spills. Unauthorized persons are not admitted. If appropriate, post warning signs in storage and use areas. Meet the legal requirements.

### Incompatible Materials & Products:

Alkaline Materials. Metals. Reducing agents

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## SECTION 8 – EXPOSURE CONTROLS / PERSONAL PROTECTION

### Control Parameters

**Occupational Exposure Limits:** U.S. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000)

Components	CAS #	Type	Value
BORIC ACID	10043-35-3	PEL	15 mg/m3
BORIC ACID	10043-35-3		

**Appropriate Engineering Controls:**

Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure. Provide adequate general and local exhaust ventilation.

**Individual Protection Measures**

Avoid all unnecessary exposure.

**Personal Protective Equipment**

**Hand Protection:**

Wear protective gloves.

**Eye Protection:**

Chemical goggles or face shield.

**Skin and Body Protection:**

Corrosion-proof clothing.

**Respiratory Protection:**

Wear appropriate mask.

**Other Information:**

Do not eat, drink, or smoke during use.

## SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

<b><u>Physical State:</u></b>	Powder
<b><u>Color:</u></b>	White
<b><u>Odor:</u></b>	N/A
<b><u>Odor Threshold:</u></b>	No Data Available
<b><u>pH:</u></b>	3.25 - 3.75
<b><u>Melting Point:</u></b>	170 C
<b><u>Freezing Point:</u></b>	No Data Available
<b><u>Boiling Point:</u></b>	300 C
<b><u>Boiling Point Range:</u></b>	No Data Available
<b><u>Flashpoint:</u></b>	N/A
<b><u>Evaporation Rate:</u></b>	No Data Available
<b><u>Flammability (Solid, Gas):</u></b>	No Data Available
<b><u>Explosive Limits:</u></b>	No Data Available
<b><u>Vapor Pressure:</u></b>	No Data Available
<b><u>Vapor Density @ 20C:</u></b>	No Data Available
<b><u>Specific Gravity:</u></b>	1
<b><u>Solubility:</u></b>	Soluble in water

**Partition Coefficient**  
**(n-octanol/water):** -1.09 @ 22 C  
**Auto-Ignition Temperature:** No Data Available

## SECTION 10 – STABILITY AND REACTIVITY

**Stability:**  
 Stable under normal conditions

**Possibility of Hazardous Reactions:**  
 Reaction with strong reducing agents such as metal hydrides or alkali metals will generate flammable hydrogen gas which could create an explosive hazard.

**Conditions to Avoid:**  
 Alkali Material. Moisture Reducing Agents

**Incompatibility (Materials to Avoid):**  
 Alkaline Materials.  
 Metals.  
 Reducing agents

**Hazardous Decomposition Products:**  
 Boranes Boron Oxides Hydrogen

**Hazardous Polymerization:**  
 Will Not Occur

## SECTION 11 – TOXICOLOGICAL INFORMATION

**Acute Toxicity:** Prolonged contact with the undiluted material may cause irritation.

10043-35-3	BORIC ACID	LD50 Oral	Rat	3500-4100 mg/kg
10043-35-3	BORIC ACID	LD50 Dermal	Rabbit	>2000 mg/kg

**Carcinogenicity:** Not Classified  
**Germ Cell Mutagenicity:** Not Classified

**Routes of Exposure/Symptoms of Exposure**  
**Symptoms/Injuries after Inhalation:**  
 Dry/sore throat. Coughing. Irritation of the respiratory tract and/or nasal mucous membranes. Delayed symptoms include possible laryngeal spasm/oedema. Risk of lung oedema. Respiratory difficulties.  
**Symptoms/Injuries after Skin Contact:**  
 Absorption through skin could cause itching, irritation, and rashes.  
**Symptoms/Injuries after Eye Contact:**  
 Contact can cause irritation or burning in eyes.

**Symptoms/Injuries after Ingestion:**

May cause headache, dizziness, and gastrointestinal distress.

**Chronic Symptoms:**

Prolonged exposure may cause chronic effects.

## SECTION 12 – ECOLOGICAL

**Ecotoxicity:** Harmful to Aquatic Life

10043-35-3	BORIC ACID	EC50	Algae	40 mg B/L, 72 hrs
10043-35-3	BORIC ACID	LC50	Daphnia (water flea)	133 mg B/L, 48 hrs

**Persistence and Degradability:** This material is biodegradable.

**Bioaccumulative Potential:** Not expected to bioaccumulate.

**Mobility in Soil:**

**Other Adverse Effects:** Avoid release to the environment.

## SECTION 13 – DISPOSAL CONSIDERATIONS

**Waste Disposal Method:**

Dispose in an approved waste management facility. Care must be taken when using or disposing of chemical materials and/or their containers to prevent environmental contamination. It is your duty to dispose of the chemical materials and/or their containers in accordance with all Federal, State, Local, and National regulations regarding disposal. Do not discharge into surface water. Avoid release to the environment. Empty containers should be taken to an approved waste handling site for recycling or disposal. Since empty containers may contain product residue follow label warnings even after container is empty.

## SECTION 14 – TRANSPORT INFORMATION

**DOT:**

Not regulated for transport per 49CFR parts 100-185

## SECTION 15 – REGULATORY INFORMATION

**US Federal Regulations**

**CERCLA Hazardous Substance List (40 CFR 302.4):** Not Listed

**DOT:** 49CFR Parts 100-185

**SARA 302 (Extremely Hazardous Substance):** No

**SARA 311/312 Hazardous Chemical:** Yes

**SARA 313 (TRI reporting):** No

## SECTION 16 – OTHER INFORMATION

**Date of Preparation of SDS/Date of Last Change:** December 21, 2015

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