



1. PRODUCT AND COMPANY IDENTIFICATION

Product Code:	IBAINC-080-BULK	
Product Name:	San-E-Tuff	
Company Name:	IBA, Inc. 103 Gilmore Drive Sutton, MA 01590	Phone Number: +1 (508)865-6911
Emergency Contact:	CHEMTREC	+1 (800)424-9300

Intended Use:

Recommended Use: Laundry bleach.

2. HAZARDS IDENTIFICATION

Eye Irritation, Category 2A

Skin Irritation, Category 2

Aquatic Toxicity (Chronic), Category 2

Acute Toxicity: Oral, Category 4



GHS Signal Word:

Warning

GHS Hazard Phrases:

Harmful if swallowed.
Causes skin irritation.
Causes serious eye irritation.
Toxic to aquatic life with long lasting effects.

GHS Precautionary Phrases:

Keep out of reach of children. Read label before use. Keep only in original container.
Do not get in eyes, on skin, or on clothing.
Do not breathe dust/fume/gas/mist/vapors/spray.
Wash hands thoroughly after handling.
Avoid release to the environment.
Wear protective gloves/protective clothing/eye protection/face protection.
Take any precaution to avoid mixing with acid products.

GHS Response Phrases:

IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
Get immediate medical advice/attention.
IF ON SKIN (or hair): Remove/take off immediately all contaminated clothing. Rinse skin with plenty of water for 15 minutes.
Get medical aid if irritation develops and persists. Wash contaminated clothing before reuse.
IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
Get immediate medical advice/attention.
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing for 15 minutes.
Get immediate medical advice/attention.

GHS Storage and Disposal Phrases:

Dispose of contents/container to in accordance to local, state, and federal regulations.
Store locked up.


**Potential Health Effects
(Acute and Chronic):**

Prolonged or repeated contact with concentrated solutions causes tissue damage.

Inhalation:

May cause severe irritation of the upper respiratory tract with pain, burns, and inflammation.

Skin Contact:

Contact with skin causes irritation and possible burns, especially if the skin is wet or moist.

Eye Contact:

Contact with eyes may cause severe irritation, and possible eye burns.

Ingestion:

May cause severe digestive tract irritation with abdominal pain, nausea, vomiting and diarrhea.

3. COMPOSITION/INFORMATION ON INGREDIENTS

CAS #	Hazardous Components (Chemical Name)	Concentration
497-19-8	Sodium carbonate	<40.0 %
51580-86-0	Sodium dichloroisocyanurate dihydrate	< 7.0 %
13517-24-3	Silicic acid (H ₂ Si ₃), disodium salt, nonahydrate	< 5.0 %
68131-39-5	Ethoxylated linear alcohol	< 5.0 %

4. FIRST AID MEASURES

Emergency and First Aid
Procedures:
In Case of Inhalation:

Remove from exposure and move to fresh air immediately. Do NOT use mouth-to-mouth resuscitation. Get medical aid immediately.

In Case of Skin Contact:

Flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Gently wash with plenty of soap and water. Get medical aid if irritation develops and persists.

In Case of Eye Contact:

Flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical aid immediately.

In Case of Ingestion:

Rinse mouth with water. Do NOT induce vomiting. If victim is conscious and alert, give 2-4 cupfuls of water. Get medical attention immediately. Never give anything by mouth to an unconscious person.

Note to Physician:

Treat symptomatically and supportively. Show this safety data sheet to the doctor in attendance.

5. FIRE FIGHTING MEASURES

Flash Point:

NA

Explosive Limits:

LEL: No data.

UEL: No data.

Autoignition Pt:

NA

Suitable Extinguishing Media: Substance is noncombustible; use agent most appropriate to extinguish surrounding fire. Water is a suitable extinguishing media.

Unsuitable Extinguishing Media:

Do not use dry chemical extinguisher containing ammonia compounds.

Fire Fighting Instructions:

As in any fire, wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH (approved or equivalent), and full protective gear. Greatly increases the burning rate of combustible materials.

Flammable Properties and Hazards:

No data available.

Hazardous Combustion

No data available.

Products:



6. ACCIDENTAL RELEASE MEASURES

Protective Precautions, Protective Equipment and Emergency Procedures: Use proper personal protective equipment as indicated in Section 8.

Steps To Be Taken In Case Material Is Released Or Spilled: Spills/Leaks: Isolate hazard area. Keep unnecessary and unprotected personnel from entering. Remove all sources of ignition. Provide ventilation. Avoid generating dusty conditions. Vacuum or sweep up material and place into a suitable disposal container.

7. HANDLING AND STORAGE

Precautions To Be Taken in Handling: Wash thoroughly after handling. Avoid contact with eyes, skin, and clothing. Avoid breathing dust, mist, or vapor. Do not ingest or inhale.

Precautions To Be Taken in Storing: Store in a cool, dry, well-ventilated area away from incompatible substances. Keep away from sources of ignition. Protect containers against damage. Store in a tightly closed container. Keep container closed when not in use.

Other Precautions: Handle in accordance with good industrial hygiene and safety practice. Keep out of reach of children.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

CAS #	Partial Chemical Name	OSHA TWA	ACGIH TWA	Other Limits
497-19-8	Sodium carbonate	No data.	No data.	No data.
51580-86-0	Sodium dichloroisocyanurate dihydrate	No data.	No data.	No data.
13517-24-3	Silicic acid (H ₂ Si) ₃ , disodium salt, nonahydrate	No data.	No data.	No data.
68131-39-5	Ethoxylated linear alcohol	No data.	No data.	No data.

Respiratory Equipment (Specify Type): Respiratory protection is not required under normal use.

Eye Protection: Safety glasses with side shields.

Protective Gloves: Wear appropriate protective gloves to prevent skin exposure. Rubber or neoprene gloves.

Other Protective Clothing: Wear appropriate protective clothing to prevent skin exposure.

Engineering Controls (Ventilation etc.): Use adequate ventilation to keep airborne concentrations low.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical States: [] Gas [] Liquid [X] Solid

Appearance and Odor: White. Free flowing powder.
Odor: chlorine-like.

pH: No data.

Melting Point: NA

Boiling Point: NA

Flash Point: NA

Evaporation Rate: Not available

Flammability (solid, gas): No data available.

Explosive Limits: LEL: No data. UEL: No data.

Vapor Pressure: Not available

Vapor Density (vs. Air=1): Not available

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Specific Gravity (Water=1):	Not available
Density:	Not available
Solubility in Water:	Soluble
Saturated Vapor Concentration:	Not available
Octanol/Water Partition Coefficient:	No data.
Autoignition Pt:	NA
Decomposition Temperature:	No data.
Viscosity:	Not available

10. STABILITY AND REACTIVITY

Stability:	Unstable [] Stable [X]
Conditions To Avoid - Instability:	Incompatible materials, dust generation, Excess heat.
Incompatibility - Materials To Avoid:	Strong oxidizing agents, Strong reducing agents, Acids, ammonia.
Hazardous Decomposition or Byproducts:	Hazardous decomposition products formed under fire conditions: Carbon monoxide, Carbon dioxide, Hydrogen chloride, chlorine, Nitrogen oxides, Toxic fumes of sodium oxide.
Possibility of Hazardous Reactions:	Will occur [] Will not occur [X]
Conditions To Avoid - Hazardous Reactions:	No data available.

11. TOXICOLOGICAL INFORMATION

Toxicological Information:	Epidemiology: No information found. Teratogenicity: Teratogenic effects have occurred in experimental animals. Reproductive Effects: No information available. Mutagenicity: No information available. Neurotoxicity: No information available. CAS# 497-19-8: Sodium carbonate: Acute toxicity, LD50, Oral, Rat, 4090. MG/KG. CAS# 51580-86-0: Sodium dichloroisocyanurate dihydrate: Acute toxicity, LD50, Oral, Rat, 1823. MG/KG. Acute toxicity, LD50, Dermal, Rabbit, > 2000. MG/KG. Acute toxicity, LC50, Inhalation, Rat, 0.270 - 1.170 MG/L, 4 H. CAS# 68131-39-5: Ethoxylated linear alcohol: Acute toxicity, LD50, Dermal, Rat, 5000. MG/KG. Acute toxicity, LD50, Oral, Rat, 1650. MG/KG.
Carcinogenicity:	NTP? No IARC Monographs? No OSHA Regulated? No



12. ECOLOGICAL INFORMATION

General Ecological Information:

Environmental: No information available.

Physical: No information available.

CAS# 497-19-8: Sodium carbonate: LC50, Water Flea (*Daphnia magna*), 265000. UG/L, 24 H, Mortality.

CAS# 68131-39-5: Ethoxylated linear alcohol: LC50, Fathead Minnow (*Pimephales promelas*), 1.300 MG/L, 144 H, Mortality.

13. DISPOSAL CONSIDERATIONS

Waste Disposal Method:

Chemical waste generators must determine whether a discarded chemical is classified as a hazardous waste. US EPA guidelines for the classification determination are listed in 40 CFR Parts 261. Additionally, waste generators must consult state and local hazardous waste regulations to ensure complete and accurate classification. Observe all Federal, State, and local regulations.

RCRA P-Series: None listed. RCRA U-Series: None listed.

14. TRANSPORT INFORMATION

LAND TRANSPORT (US DOT):

DOT Proper Shipping Name: Not Regulated.

DOT Hazard Class:

UN/NA Number:

15. REGULATORY INFORMATION

EPA SARA (Superfund Amendments and Reauthorization Act of 1986) Lists

CAS #	Hazardous Components (Chemical Name)	S. 302 (EHS)	S. 304 RQ	S. 313 (TRI)
497-19-8	Sodium carbonate	No	No	No
51580-86-0	Sodium dichloroisocyanurate dihydrate	No	No	No
13517-24-3	Silicic acid (H ₂ SiO ₃), disodium salt, nonahydrate	No	No	No
68131-39-5	Ethoxylated linear alcohol	No	No	No

This material meets the EPA 'Hazard Categories' defined for SARA Title III Sections 311/312 as indicated:

<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Explosive	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Acute toxicity (any route of exposure)
<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Flammable (gases, aerosols, liquid, or solid)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Skin Corrosion or Irritation
<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Oxidizer (liquid, solid or gas)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Serious eye damage or eye irritation
<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Self-reactive	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Respiratory or Skin Sensitization
<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Pyrophoric (liquid or solid)	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Germ cell mutagenicity
<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Pyrophoric gas	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Carcinogenicity
<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Self-heating	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Reproductive toxicity
<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Organic peroxide	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Specific target organ toxicity (single or repeated exposure)
<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Corrosive to metal	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Aspiration Hazard
<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Gas under pressure (compressed gas)	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Simple Asphyxiant
<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	In contact with water emits flammable gas	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	(Health) Hazard Not Otherwise Classified (HNOC)
<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Combustible Dust		
<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	(Physical) Hazard Not Otherwise Classified (HNOC)		

CAS # Hazardous Components (Chemical Name)

Other US EPA or State Lists

497-19-8	Sodium carbonate	CWA NPDES: No; TSCA: Yes - Inventory; CA PROP.65: No; MA Oil/HazMat: No; MI CMR, Part 5: No; NJ EHS: No; NY Part 597: No; PA HSL: No
51580-86-0	Sodium dichloroisocyanurate dihydrate	CWA NPDES: No; TSCA: No; CA PROP.65: No; MA Oil/HazMat: No; MI CMR, Part 5: No; NJ EHS: No; NY Part 597: No; PA HSL: Yes - 1
13517-24-3	Silicic acid (H ₂ SiO ₃), disodium salt, nonahydrate	CWA NPDES: No; TSCA: No; CA PROP.65: No; MA

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68131-39-5 Ethoxylated linear alcohol

Oil/HazMat: No; MI CMR, Part 5: No; NJ EHS: No; NY Part 597: No; PA HSL: No

CWA NPDES: No; TSCA: Yes - Inventory; CA PROP.65: No; MA Oil/HazMat: No; MI CMR, Part 5: No; NJ EHS: No; NY Part 597: No; PA HSL: No

16. OTHER INFORMATION

Revision Date: 04/19/2024 **Previous revision:** 01/21/2015

Additional Information About This Product: No data available.

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