

1. PRODUCT AND COMPANY IDENTIFICATION

Product Code: SBBROX
Product Name: SB-Alkaline Additive
Company Name: Shepard Bros., Inc.
503 S. Cypress St.
La Habra, CA 90631
Phone Number: +1 (562)697-1366
Web site address: www.shepardbros.com
Emergency Contact: CHEMTREC +1 (800)424-9300
Product Category: Alkaline Additive

2. HAZARDS IDENTIFICATION

Skin Corrosion/Irritation, Category 2
Serious Eye Damage/Eye Irritation, Category 2
Target Organ Systemic Toxicity (single exposure), Category 3



GHS Signal Word: **Warning**

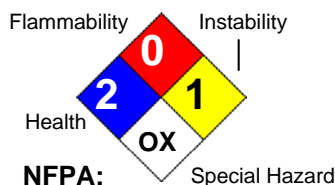
GHS Hazard Phrases: H315 - Causes skin irritation.
H319 - Causes serious eye irritation.
H335 - May cause respiratory irritation.

GHS Precaution Phrases: P264 - Wash hands thoroughly after handling.
P280 - Wear protective gloves/protective clothing/eye protection/face protection.
P362+364 - Take off contaminated clothing and wash it before reuse.
P261 - Avoid breathing dust/fume/gas/mist/vapors/spray.
P271 - Use only outdoors or in a well-ventilated area.

GHS Response Phrases: P302+352 - IF ON SKIN: Wash with plenty of soap and water. P332+313 - If skin irritation occurs, get medical advice/attention.
P305+351+338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P337+313 - If eye irritation persists, get medical advice/attention.
P304+340 - IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. P312 - Call a POISON CENTER or doctor/physician if you feel unwell.
P321 - Specific treatment see Section 4 reference to supplemental first aid instruction - if immediate measures are required.

GHS Storage and Disposal Phrases: P403+233 - Store container tightly closed in well-ventilated place - if product is as volatile as to generate hazardous atmosphere.
P501 - Dispose of contents/containers in accordance with local/regional/national/international regulations.

Hazard Rating System:



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

- Inhalation:** Harmful if inhaled. Dust from this material is irritating to the nose, mouth, throat and lungs. May cause coughing, sneezing, or other symptoms of upper respiratory tract irritation.
- Skin Contact:** Can cause reddening and irritation of the skin. May cause burns to the skin.
- Eye Contact:** May cause redness, pain, and severe deep burns. May cause serious eye damage.
- Ingestion:** Harmful if swallowed. May cause burning of the mouth, esophagus, or stomach.

3. COMPOSITION/INFORMATION ON INGREDIENTS

CAS #	Hazardous Components (Chemical Name)	Concentration
15630-89-4	Sodium percarbonate	50.0 - 100 %

4. FIRST AID MEASURES

Emergency and First Aid Procedures:

- In Case of Inhalation:** Remove from exposure and move to fresh air immediately. If breathing is difficult, give oxygen. If breathing has ceased apply artificial respiration using oxygen and a suitable mechanical device such as a bag and a mask. Get medical attention 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. Wash contaminated clothing separately before reuse. Get medical aid if irritation develops or 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 after 5 minutes and continue rinsing for an additional 15 minutes. Get medical attention immediately.
- In Case of Ingestion:** Do NOT induce vomiting. If victim is conscious and alert, give 2-4 cupfuls of milk or water. Never give anything by mouth to an unconscious person. Get medical attention immediately.
- Note to Physician:** Treat symptomatically and supportively. Show this safety data sheet to the doctor in attendance.

5. FIRE FIGHTING MEASURES

- Flash Pt:** NA Method Used: Not Applicable
- Explosive Limits:** LEL: No data. UEL: No data.
- Autoignition Pt:** NA
- Suitable Extinguishing Media:** Foam, CO2, water fog, sand/earth.
- 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. This product will undergo exothermic decomposition, releasing oxygen gas that may increase the intensity of a fire. When the product becomes wet, it will undergo exothermic decomposition that may result in an organic material catching on fire.
- Flammable Properties and Hazards:** High temperatures and fire conditions can result in the formation of carbon monoxide and carbon dioxide, and oxides of: sodium, nitrogen.



SAFETY DATA SHEET

SB-Alkaline Additive

6. ACCIDENTAL RELEASE MEASURES

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

Environmental Precautions: Do not let product enter drains, sewers, watersheds or water systems.

Steps To Be Taken In Case Material Is Released Or Spilled: Spills/Leaks: Provide ventilation. Isolate hazard area. Keep unnecessary and unprotected personnel from entering. ELIMINATE all ignition sources (no smoking, flares, sparks or flames in immediate area). Contain spill using an inert diking material. Transfer material into an approved container for possible recovery and reuse or for disposal. If appropriate, moisten first to prevent dusting.

7. HANDLING AND STORAGE

Precautions To Be Taken in Handling: Use as directed. Use with adequate ventilation. Avoid contact with eyes, skin, and clothing. Avoid ingestion and inhalation. Wash thoroughly after handling. Remove contaminated clothing and wash before reuse.

Precautions To Be Taken in Storing: Store in a cool, dry, well-ventilated area away from incompatible substances. Do not store in direct sunlight. Keep away from heat, sparks and flame. Store in a tightly closed container. Keep container closed when not in use. Protect containers against damage.

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

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

CAS #	Partial Chemical Name	OSHA TWA	ACGIH TWA	Other Limits
15630-89-4	Sodium percarbonate	No data.	TLV: 10 mg/m3 (Inhalable)	No data.
Respiratory Equipment (Specify Type):	No special respiratory protection equipment is required with adequate ventilation. In case of insufficient ventilation, wear suitable respiratory equipment.			
Eye Protection:	Wear chemical splash goggles and a full-face shield where there is potential for eye contact.			
Protective Gloves:	Wear appropriate protective gloves to prevent skin exposure. PVC gloves. Rubber or neoprene gloves.			
Other Protective Clothing:	Wear appropriate protective clothing to prevent skin exposure. Chemical resistant apron. Rubber or neoprene boots.			
Engineering Controls (Ventilation etc.):	Ensure adequate ventilation. Local exhaust is suggested for use in enclosed or confined areas. Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower.			
Work/Hygienic/Maintenance Practices:	Handle in accordance with good industrial hygiene and safety practice.			



9. PHYSICAL AND CHEMICAL PROPERTIES

Physical States:	[] Gas [] Liquid [X] Solid
Appearance and Odor:	Appearance: White. Free flowing. Powder. Odor: Odorless.
Melting Point:	NA
Boiling Point:	NA
Decomposition Temperature:	NA
Autoignition Pt:	NA
Flash Pt:	NA Method Used: Not Applicable
Explosive Limits:	LEL: No data. UEL: No data.
Specific Gravity (Water = 1):	NA
Density:	NA
Bulk density:	55 - 67 LB/CF
Vapor Pressure (vs. Air or mm Hg):	NA
Vapor Density (vs. Air = 1):	NA
Evaporation Rate:	NA
Solubility in Water:	Appreciable
Saturated Vapor Concentration:	NA
Viscosity:	NA
pH:	NA
Percent Volatile:	NA
VOC / Volume:	NA
Particle Size:	NA
Heat Value:	NA
Corrosion Rate:	NA

10. STABILITY AND REACTIVITY

Reactivity:	High temperatures and fire conditions can result in the formation of carbon monoxide and carbon dioxide, and oxides of: sodium, nitrogen.
Stability:	Unstable [] Stable [X]
Conditions To Avoid - Instability:	High temperatures, Ignition sources, Incompatible materials, Direct sunlight.
Incompatibility - Materials To Avoid:	Acids, Bases, Water, Salts of heavy metals, Reducing agents, Organic materials, flammable materials.
Hazardous Decomposition Or Byproducts:	High temperatures and fire conditions can result in the formation of carbon monoxide and carbon dioxide, and oxides of: sodium, nitrogen.
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 available.
Teratogenicity: No information available.
Reproductive Effects: No information available.
Mutagenicity: No information available.
Neurotoxicity: No information available.

Carcinogenicity/Other Information: CAS# 15630-89-4: Not listed by ACGIH, IARC, NTP, or CA Prop 65.

Carcinogenicity: NTP? No IARC Monographs? No OSHA Regulated? No

12. ECOLOGICAL INFORMATION

General Ecological Information: Environmental: No information available.
Physical: No information available.

Results of PBT and vPvB assessment: No data available.

Persistence and Degradability: No data available.

Bioaccumulative Potential: No data available.

Mobility in Soil: No data available.

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

14. TRANSPORT INFORMATION

LAND TRANSPORT (US DOT):

DOT Proper Shipping Name: Sodium carbonate peroxyhydrate.
DOT Hazard Class: 5.1 OXIDIZER
UN/NA Number: UN3378 **Packing Group:** III



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)
15630-89-4	Sodium percarbonate	No	No	No

CAS #	Hazardous Components (Chemical Name)	Other US EPA or State Lists
15630-89-4	Sodium percarbonate	TSCA: Yes - Inventory; CA PROP.65: No; CA TAC, Title 8: No



SAFETY DATA SHEET

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Supersedes Revision: 03/02/2014

16. OTHER INFORMATION

Revision Date: 07/29/2014

Additional Information About No data available.

This Product:

Company Policy or

Disclaimer:

Information presented herein is believed to be accurate and reliable to the best of our knowledge. However, we make no warranty or merchantability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. The information relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any process. Users should make their own investigations to determine the suitability of the information for their particular purposes.