

SAFETY DATA SHEET

Issue date: 7/21/16 EBW

SDS No: 227 Page 001.

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name: EBW
 Product Code: 227
 Product Description: Powdered Detergent
 Manufactured by: Enviro-Brite Solutions, LLC
 Address: 5606 F-41
 Telephone Number: 989-387-2758 8:00 am – 5:00 pm
EMERGENCY TELEPHONE NUMBER: 989-387-2758 24 hours



2. COMPOSITION / INFORMATION ON INGREDIENTS

Hazardous component
 * (see note below)

Exposure Limits

	Cas No.	% by wt.	OSHA PEL	ACGIH TLV	NIOSH REL
Sodium Metasilicate	6834-92-0	20-30	None	None	None
Sodium carbonate	497-19-8	10 -20	None	None	None
Sodium Percarbonate	15630-89-4	60-75	None	None	None
Sodium dodecylbenzene sulfonate	25155-30-0	7 -10	None	None	None
Proprietary Surfactants					

Asterisked ingredients are those considered hazardous according to the criteria of OSHA HAZARDOUS COMPONENTS (29 CFR 1910.1200). Other ingredients are listed for informational purposes at assist medical response personnel.

3. HAZARDS IDENTIFICATION

Emergency Overview	Causes severe eye irritation. May cause skin irritation. Harmful if swallowed.
Potential Health Effects	Listed below.
Ingestion	Irritating to mouth, throat & stomach.
Inhalation	Inhalation of dust may cause toxic effects.
Eye contact	Severely irritating to the eyes, possible chemical burns.
Skin Contact	Prolonged or repeated contact can cause skin irritation.

4. FIRST AID MEASURES

INGESTION	If swallowed, drink a large quantity of water. Do not induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Get medical attention immediately.
INHALATION	If exposed to excessive levels of dust, remove to fresh air and get medical attention if cough or other symptoms develop.
EYE CONTACT	Immediately flush eye with plenty of cool, running water. Use buffered eye solutions if available. Remove contact lenses if applicable. Get medical attention immediately.
SKIN CONTACT	Flush skin with plenty of warm running water for 15-20 minutes. If irritation develops or persists, get medical attention. Remove contaminated clothing and shoes; wash before reuse.
NOTE TO PHYSICIAN	Information pertaining to ingestion toxicology, therapy, symptomatology and treatment can be found in <u>Commercial Clinical Toxicology of Products</u> , authored by Gosselin, Smith and Hodge and published by Williams & Wilkins, Baltimore, Maryland. Treat symptomatically.

5. FIRE FIGHTING MEASURES

Flash Point / Method	None / N.A.	Flammable Limits	Not flammable or Combustible
Extinguishing Media	Use dry chemical, Co2, water spray or Alcohol Foam		
Special Fire Fighting Procedures	None.		
Fire and Explosion Hazards	None.		

6. ACCIDENTAL RELEASE MEASURES

Sweep up and place in a disposal container. Mop up or flush residual to a drain with water.

7. HANDLING AND STORAGE

Handling Precautions	Avoid contact with skin, eyes and clothing. Do not taste or swallow. Remove and wash contaminated clothing and footwear before reuse. Wash thoroughly after handling. Product residue may remain on or in empty containers. Handle empty containers with same precautions. For industrial and institutional use only. Keep container tightly closed when not in use.
Storage	Store upright in a cool dry place. Keep out of reach of children.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Hygienic Practices	Observe label precaution. Handle in accordance with good industrial hygiene.
Engineering Controls	No special ventilation requirements.

Personal Protective Equipment

Respirator	No special requirements under normal use.
* Goggles/face shield	Splash goggles.
Apron	No special requirements under normal use.
* Gloves	PVC, Neoprene or Nitrile acceptable
Boots	Recommended during heavy cleaning situations.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	White Powder	Boiling Point	Not Applicable
Odor	Bland	Freezing Point	Not Applicable
PH	12.1 (1% solution)	Vapor Pressure	Not Applicable
Specific Gravity	N.A.	Vapor Density	Not Applicable
Solubility in Water	Complete	Evaporation Rate	Not Applicable
VOC content	None		

10. STABILITY AND REACTIVITY

CHEMICAL STABILITY: Stable

CONDITIONS TO AVOID: Do not mix with anything but water.

INCOMPATIBILITY WITH OTHER MATERIALS: Contact with mineral acids produces exothermic reaction with release of carbon dioxide gas.

HAZARDOUS DECOMPOSITION PRODUCTS: May produce oxides of Carbon.

HAZARDOUS POLYMERIZATION: Will not occur

11. TOXICOLOGICAL INFORMATION

Carcinogenicity

	This product contains a known or suspected Carcinogen.
X	This product does not contain any known or anticipated carcinogens according to the criteria Of the NTP annual report on carcinogens and OSHA 29 CFR 1910, Z

Other Effects

Acute	None known.
Chronic	None known.

12. ECOLOGICAL INFORMATION

Biodegradability	X	Considered Biodegradable		
BOD Value			Not established	
Ecotoxicity			No data available	

13. DISPOSAL CONSIDERATIONS

Waste Disposal Method	Empty containers may be triple rinsed, then offered for recycling or disposed of in a sanitary landfill.
RCRA Classification	None

Container is a recyclable LDPE plastic

14. TRANSPORT INFORMATION

Regulatory Information	UN number	Proper Shipping name	Class	Packing Group	Additional Information
Dot Classification	1479PG:111	Sodium Percarbonate	501		
Dot Classification	Not Applicable				

15. REGULATORY INFORMATION

Regulatory Status

EPA Registered	None
FDA Regulated	None
Kosher	None
SARA Title III Material	None
NSF Registered	None
EPA / DFE (WHMIS)	Pending

16. OTHER INFORMATION

NFPA Classification

2	Blue	Health Hazard
0	Red	Flammability
2	Yellow	Reactivity
--	White	Special Hazard

This information refers only to the specific material designated and does not relate to the involving of other material. This information is based on data believed to be reliable, and the Product is intended to be used in the manner that is customary and reasonable. Since actual use and handling is beyond our control, no warranty, express or implied, is made and no liability is assumed by Enviro-Brite Solutions LLC in connection with the use of this information.