

SAFETY DATA SHEET

Laundry Booster

1. Product and company identification

Product Name LAUNDRY BOOSTER

Recommended use of the chemical and restrictions on use

Recommended Use Laundry additive for industrial and professional use only

Supplier: Accurate Chemical & Services
731 W. Fairmont Dr.
Tempe, AZ. 85282
Office 602.996.9194

Issuing date Revised August 22, 2017

In case of emergency: (602) 996-9191

Poison control center (800) 222-1222

2. Hazards identification

Appearance: White Powder

Physical State: Free Flowing

Odor: No Odor

Classification

Acute Toxicity – Oral	Category 4
Acute Toxicity – Inhalation (Dust/Mists)	Category 4
Skin corrosion/irritation	Category 1 Sub-category B
Serious eye damage/eye irritation	Category 1
Specific target organ toxicity (single exposure)	Category 3

Signal Word: Danger



Hazard Statement

Harmful if swallowed

Causes severe skin burns and eye damage

Harmful if inhaled. Material is destructive to the tissue of the mucous membranes and upper respiratory tract.

May cause respiratory irritation

Precautionary Statements – Preventions

Wash face, hands and any exposed skin thoroughly after handling

Do not eat, drink or smoke when using this product

Use only outdoors or in a well-ventilated area

Do not breathe dust/fume/gas/mist/vapors/spray

Wear protective gloves/protective clothing/eye protection/face protection

Precautionary Statements – Response

Immediately call A POISON CENTER or doctor/physician

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do so.

Continue rinsing immediately call a POISON CONTROL or doctor/physician

IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower

Wash contaminated clothing before reuse

IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing

Immediately call a POISON CENTER or doctor/physician

IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician. Rinse mouth, Do not induce vomiting

Precautionary Statements – Storage

Store locked up

Store in a well-ventilated place. Keep container tightly closed

Precautionary Statements –Disposal

Disposed of contents/container to an approved waste disposal plant

Other Hazards

3. Composition/information on ingredients

<u>Name</u>	<u>CAS number</u>	<u>%</u>
Sodium Hydroxide	1310-73-2	20-30%

4. First aid measures

Eye contact:	Immediately flush with plenty of water. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes. Immediately call a POISON CENTER or doctor/physician
Skin contact:	If on Skin (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower. Wash contaminated clothing before reuse. Seek medical attention.
Inhalation:	If Inhaled: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Immediately call a POISON CENTER or doctor/physician.
Ingestion:	If Swallowed: rinse mouth. Do NOT induce vomiting. Do NOT give liquids to an unconscious or convulsing person. Immediately call a POISON CENTER or doctor/physician.
Symptoms	Most important symptoms and effects: Causes severe skin burns and eye damage. May cause respiratory irritation. Ingestion causes acute irritation and burns to the mucous membranes of the mouth, trachea, and esophagus and stomach.
Note to physician	Treat symptomatically

5. Fire-fighting measures

Fire & Explosion Preventative measures	Isolate from acids, extreme heat, and open flame
Extinguishing Media	In case of fire in surroundings, all extinguishing agents allowed.
Special Fire fighting Procedures	Water spray may be ineffective on fire but can protect fire-fighters & cool closed containers. Use fog nozzles if water is used. Do not enter confined fire-space without full bunker gear. (Helmet with face shield, bunker coats, gloves & rubber boots).
Unusual Fire & Explosion Hazards	Noncombustible. Isolate from acids. Closed containers may explode if exposed to extreme heat. Applying to hot surfaces requires special precautions.
Special protective equipment for fire-fighters:	Wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

6. Accidental release measures

Spill and Leak Response and Environmental Precautions	Uncontrolled releases should be responded to by trained personnel using pre-planned procedures. Proper protective equipment should be used. In case of a spill, clear the affected area, protect people, and respond with trained personnel.
Personal precautions:	The proper personal protective equipment for incidental releases (such as: 1 liter of the product released in a well-ventilated area), use impermeable gloves (triple-gloves, rubber gloves and nitrile gloves, over latex gloves), goggles, face shield,

and appropriate body protection. In the event of a large release, use impermeable gloves, specific for the material handled, chemically resistant suit and boots, and hard hat. Self-Contained Breathing Apparatus or respirator may be required where engineering controls are not adequate or conditions for potential exposure exist. When respirators are required select NIOSH/MSHA approved based on actual or potential airborne, concentrations in accordance with latest OSHA and/or ANSI recommendations.

Environmental precautions: Stop spill at source. Construct temporary dikes of dirt, sand, or appropriate readily available material to prevent spreading of the material. Prevent from entering into soil, ditches, sewers, waterways and/or groundwater. See Section 12, Ecological Information. See Section 13, Disposal considerations, for additional information

Methods for cleanup and containment of material

Prevent further leakage or spillage if safe to do so. If necessary, neutralize using suitable buffering material, (acid with soda ash), and test area with litmus paper to confirm neutralization. Cleanup with non-combustible absorbent (such as: sand, soil, and so on). Shovel up and place all spill residues in suitable containers. Dispose of at an appropriate waste disposal facility according to current applicable laws and regulation and product characteristics at time of disposal (see Section 13 - Disposal considerations).

7. Handling and storage

Handling: Use only with adequate ventilation. Handle in accordance with good industrial hygiene and safety practice. Wear OSHA Standard full face shield. Consult Safety Equipment Supplier. Wear goggles, face shield, gloves, aprons & footwear. Impervious to material. Avoid contact with skin, eyes or clothing. Wash face, hands, and any exposed skin thoroughly after handling. Do not eat, drink or smoke when using this product. Use only outdoors or in a well-ventilated area. Do not breathe dust/fume/gas/mist/vapors/spray.

Storage Keep separated from strong acids, metals, food and feedstuffs. Keep container tightly closed & upright when not in use to prevent leakage. Store in a cool, dry and well-ventilated place, away from sunlight, sources of intense heat, or where freezing is possible. Post warning and "NO SMOKING" signs in storage and use areas, as appropriate. Empty containers should be handled with care. Never store food, feed or drinking water in containers which held this product. Store locked up.

Incompatible Materials Strong mineral acids, Strong acids. Chemically reactive metals such as aluminum and magnesium. Dissolving product in water liberates much heat.

8. Exposure controls/personal protection

Exposure Guidelines

Engineering Controls Apply technical measures to comply with the occupational exposure limits. Local exhaust ventilation recommended. Eye wash stations. Showers.

Notice: This selection of a specific glove for a particular application and duration of use in a workplace should also take into account all relevant workplace factors such as, but not limited to: Other chemicals which may be handled, physical requirements (cut/puncture protection, dexterity, and thermal protection), potential body reactions to glove materials, as well as the instructions. Specification proved by the glove supplier.

Individual-protection measures, such as personal protective equipment

Eye/Face Protection Chemical anti-splash safety goggles

Skin and Body Protection	Rubber gloves. Wear impervious protective clothing, including boots, gloves, lab coat, apron or coveralls, as appropriate, to prevent skin contact.
Respiratory Protection	Ensure adequate ventilation, especially in confined areas. In case of inadequate ventilation wear respiratory protection. Approved/certified dust respirator or equivalent.
General Hygiene considerations	Do not eat, drink or smoke when using this product. Wash contaminated clothing before reuse. Wash face, hands and any exposed skin thoroughly after handling.

9. Physical and chemical properties

Physical state	Solid, Free Flowing Powder
Boiling Point	Not Applicable
Color	White Powder
pH	14.0
Water solubility	Complete
Vapor Pressure	Not Available
Evaporation Rate	Not Applicable

10. Stability reactivity

Stability	Stable under recommended storage conditions
Hazardous polymerization	Will not occur
Conditions to avoid	Excessive heat. Avoid direct sunlight. Avoid moisture. Isolate from extreme heat.
Materials to avoid	Reacts violently with fire extinguishers containing water. The substance is a strong base, reacts violently with acids and is corrosive. Reacts with water generating sufficient heat to ignite combustible materials. Reacts violently with strong acids, causing fire & explosion hazard, Attacks many plastics, rubber, coating, many metals, such as aluminum, zinc, tin, & lead, forming flammable/explosive gas (hydrogen). Reacts with ammonium salts to produce ammonia & causing fire hazard, Rapidly absorbs carbon dioxide & water from the air. Contact with moisture will generate heat.
Hazardous decomposition products	Hydrogen Chloride, Phosgene, Sodium Oxide & Hydroxide from heating.

11. Toxicological information

Information on likely routes of exposure

Eye and Skin Contact	Severe burns to skin, de-fatting, dermatitis, Severe burns to eyes, redness, tearing, blurred vision. Solid can cause severe skin and eye burns. Wash thoroughly after handling.
Inhalation	Dust / Mist harmful. The applicable occupational exposure limit value should not be exceeded during
Ingestion	Harmful or fatal if swallowed.

SUBCHRONIC HAZARDS/CONDITIONS AGGRAVATED

CONDITIONS AGGRAVATED:

None known.

CHRONIC HAZARDS

CANCER, REPRODUCTIVE & OTHER CHRONIC HAZARDS

This product has no carcinogens listed by IARC, NTP, NIOSH, OSHA, or ACGIH, as of this date, greater or equal to 0.1%

IRRITANCY OF PRODUCT:	This product is irritating to contaminated tissue.
SENSITIZATION OF THE PRODUCT:	No component of this product is known to be a sensitizer.
MUTAGENICITY:	This product is not reported to produce mutagenic effects in humans.
EMBRYOTOXICITY:	This product is not reported to produce embryotoxic effects in humans.
TERATOGENICITY:	This product is not reported to produce teratogenic effects in humans.
REPRODUCTIVE TOXICITY:	This product is not reported to cause reproductive effects in humans.

A mutagen is a chemical which causes permanent changes to genetic material (DNA) such that the changes will propagate through generational lines. An embryotoxin is a chemical which causes damage to a developing embryo (such as: within the eight weeks of pregnancy in humans), but the damage does not propagate across generational lines. A teratogen is a chemical which causes damage to a developing fetus, but the damage does not propagate across generational lines. A reproductive toxin in any substance which interferes in any way with the productive process.

12. Ecological information

ALL WORK PRACTICES MUST BE AIMED AT ELIMINATING ENVIRONMENTAL CONTAMINATION.

EFFECT OF MATERIAL ON PLANTS AND ANIMALS:

This product may be harmful or fatal to plant and animal life if released into the environment.

13. Disposal considerations

Waste disposal: The generation of waste should be avoided or minimized wherever possible. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe way. Dispose of surplus and non-recyclable products via a license waste contactor. Disposal of this product, solutions and any by products should at all times comply with the requirements of environmental protection and waste disposal Legislation and any regional local authority requirements. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

Refer to **Section 7: HANDLING AND STORAGE** and **Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION** for additional handling information and protection of employees.

14. Transport information

Regulatory Information	UN number	Proper shipping name	Class	PG*	Personal Protection
DOT Classification	UN1759	Corrosive Solids, N.O.S. (Contains Sodium Hydroxide)	8	II	B

*PG: Packing group

15. Regulatory information

STATE REGULATIONS:

CALIFORNIA SAFE DRINKING WATER & TOXIC ENFORCEMENT ACT (PROPOSITION 65):

This product contains no chemicals known to the State of California to cause cancer or reproductive toxicity.

16. Other information

HMIS

Health Hazards

2

Flammability


0

Reactivity

1

Personal Protection

B

 Indicates information that has changed from previously issued version.

Disclaimer

The information provided in the Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

End of Safety Data Sheet