

SAFETY DATA SHEET

1. Product and company identification

Product Name	BUILDER
Product Code:	C-BL05
UN/ID No.	UN1760 SODIUM HYDROXIDE, POTASSIUM HYDROXIDE, Class 8, PGII Corrosive Liquid, N.O.S.
<u>Recommended use of the chemical</u>	
Recommended Use	Heavy Duty Liquid Concentrated Laundry Booster for hard water conditions
Supplier:	HD Chem 707 W. 16 th St. Long Beach, CA 90813 (888) 443-2436
Print date:	February 01, 2015
In case of emergency:	Call (888) 443-2436
Product type:	Mixture

2. Hazards identification

Appearance: Amber **Physical State:** Liquid **Odor:** Bland

Classification:

Acute Toxicity – Oral	Category 3
Acute Toxicity – Inhalation (Dust/Mists)	Category 3
Skin corrosion/irritation	Category 1
Serious eye damage/eye irritation	Category 1

Signal Word: DANGER

Pictograms:



Hazard Statement:

OSHA Hazards: Harmful by ingestion, Corrosive
Causes severe skin burns and eye damage
May be harmful if inhaled. Material is extremely destructive to the tissue of the mucous membranes and upper respiratory tract.

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

Harmful to aquatic life with long lasting effects
Harmful to aquatic life

3. Composition/information on ingredients

<u>Name</u>	<u>CAS number</u>	<u>%</u>
Sodium Hydroxide	1310-73-2	30-40
Potassium Hydroxide	1310-58-3	<4

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 (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:	Do not induce Vomiting: IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. Drink large quantities of water without delay. Give large quantities of water or milk. Immediately call a POISON CENTER or doctor/physician.

5. Fire-fighting measures

Flash point:	N/A
Flammability of the product:	None, Material is not flammable
<u>Extinguishing media:</u>	
Suitable:	Use extinguishing measures that are appropriate to local circumstances and the surrounding environment
Non suitable:	Not determined
Hazardous Combustion Products	None Known
Special protective equipment for fire-fighters:	As in any fire, wear self-contained breathing apparatus pressure demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

6. Accidental release measures

Personal precautions:	Wear protective clothing as described in Section 8 of this safety data sheet.
Environmental precautions:	Prevent from entering into soil, ditches, sewers, waterways and/or groundwater. See section 12, Ecological information. See Section 13, Disposal Considerations, for additional information
<u>Methods for cleaning up</u>	
Methods for Containment:	Prevent further leakage or spillage if safe to do so. Dike spill area and cap leaking containers as necessary to prevent further spreading of spilled material. Absorb spilled liquid with suitable material such as dirt or sand.
Methods for Clean-up:	Pick up and transfer to properly labeled containers.

7. Handling and storage

Handling:	Handle in accordance with food industrial hygiene and safety practice. Use personal protection recommended in Section 8. Avoid contact with skin, eyes or clothing. Wash face, hands, and any exposed skin thoroughly after handling. Do not breathe dust/fume/gas/mist/vapors/spray.
Storage	Keep container tightly closed and store in a cool, dry and well-ventilated place. Store locked up. Keep from freezing.

8. Exposure controls/personal protection

Consult local authorities for acceptable exposure limits.

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

Individual-protection measures, such as personal protective equipment

Eye/Face Protection	Chemical anti-splash safety goggles
Skin and Body Protection	Rubber gloves, Suitable protective clothing
Respiratory Protection	Ensure adequate ventilation, especially in confined areas. In case of inadequate ventilation wear respiratory protection.
General Hygiene considerations	Wash contaminated clothing before reuse. Wash face, hands and any exposed skin thoroughly after handling.

9. Physical and chemical properties

Physical state	Liquid
Boiling Point (F)	Approx, 212 degrees F
Color	Amber
pH	Approx. 13
Odor threshold	Not Available
Evaporation Rate	N/A
Specific Gravity (H2O=1)	1.41
Reactivity in Water	None
Solubility in Water	Complete

10. Stability reactivity

Stability	Stable
Hazardous polymerization	Will Not Occur
Conditions to avoid	N/A
Materials to avoid	Amphoteric Metals: Strong Acids
Hazardous decomposition products	None

11. Toxicological information

Acute toxicity

Not available

No components of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC, ACGIH, NTP, OSHA

12. Ecological information

Environmental effects:

Not available

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 contract 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	Classes	PG*
DOT Classification	UN1760	Potassium Hydroxide, Sodium Hydroxide	8	II

*PG: Packing group

15. Regulatory information

California Proposition 65

This product does not contain any Proposition 65 Chemicals

16. Other information

<u>HMS</u>	Health Hazards	Flammability	Physical Hazards	Personal Protection
	2	0	0	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