S D S
SAFETY DATA SHEET

1. Product and company identification

Product Name Laundry Break SC

UN/ID No. UN1760 Corrosive Liquids, N.O.S.

Supplier: **Immaculate Solutions Group**
13525 Midland Rd, Poway, CA 92064
(888) 780-8420

Recommended use of the chemical and restrictions on use:
Recommended Use Liquid Builder for use in Industrial Laundry Machines.

Print date: February 18, 2025

Responsible name: K. B.

For Chemical Emergency Spill, leak, Exposure or Incident
CALL INFOTRAC • 24-Hour Number
1(800) 535-5053 or + 1-352-323-3500

Product type:	Mixture

2. Hazards identification

Appearance: Clear Liquid	**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

Hazard Statement:
Harmful if swallowed
Causes severe skin burns and eye damage
May be harmful if inhaled

Precautionary Statements – Preventions:
Read label before use.
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
Keep out of reach of children

Precautionary Statements – Response:
Immediately call a poison control 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 center 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. Seek medical attention if symptoms persist.
IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing
Immediately call a poison control center or doctor/physician
IF SWALLOWED: Immediately call a poison control 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 in accordance with local, state, regional, national and federal regulations.

Other Hazards: Harmful to aquatic life with long lasting effects. Harmful to aquatic life

3. Composition/information on ingredients

Name	CAS number	%
Sodium Hydroxide	1310-73-2	10-40%
Potassium Hydroxide	1310-58-3	1-15%

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 control 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 control center or doctor/physician.

Ingestion: IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. Immediately call a poison control center or doctor/physician

5. Fire-fighting measures

Flash point: N/A

Flammability of the product: None, Material is not flammable

Extinguishing media:

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.

Methods for cleaning up:

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 good 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

Occupational exposure limits:

US. ACGIH Threshold Limit Values

Components	Type	Value
Potassium Hydroxide (K(OH)) (CAS 1310-58-3)	Ceiling	2 mg/m3

US. NIOSH: Pocket guide to Chemical Hazards

Components	Type	Value
Potassium Hydroxide	TWA	2 mg/m3

(K(OH)) (CAS 1310-58-3)

Chemical name	ACGIH-TLV	OSHA PEL	NIOSH IDLH
Sodium Hydroxide CAS# 1310-73-2	Ceiling: 2 mg/m^3	TWA: 2 mg/m^3 (vacated) Ceiling: 2 mg/m^3	IDLH: 10 mg/m^3 Ceiling: 2 mg/m^3

Biological limit values No biological exposure limits noted for the ingredient(s)

Appropriate engineering controls: Good general ventilation (typically 10 air changes per hour) should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. I exposure limits have not been established, maintain airborne levels to an acceptable level. Eye wash facilities and emergency shower must be available when handling this product.

Individual-protection measures, such as personal protective equipment:
The following are recommendations for Personnel Protective Equipment (PPE). The employer/user of this product must perform a Hazard Assessment of the workplace according to OSHA regulations 29 CFR 1910.132 to determine the appropriate PPE for use while performing any task involving potential exposure to this product.

Eye/Face Protection	Wear chemical anti-splash safety glasses or goggles with side shields and a face shield.
Skin and Body Protection	Wear appropriate chemical resistant gloves, apron or lab coat, as appropriate, to prevent skin contact. Wear appropriate chemical resistant clothing.
Respiratory Protection	Provide local exhaust, preferably mechanical. If exposure levels are excessive, wear suitable respiratory equipment.
Thermal hazards	Wear appropriate thermal protective clothing, when necessary
General Hygiene considerations	Do not eat, drink or smoke when using this product. Wash contaminated clothing before reuse. Wash face, hands an any exposed skin thoroughly after handling. Always observe good personal hygiene measure, such as washing after handling the material and before eating, drinking and/or smoking. Routinely wash work clothing and protective equipment to remove contaminates.

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

Reactivity	This product is stable and non-reactive under normal conditions of use, storage, and transport
Chemical stability	Material is stable under normal conditions
Possibility of hazardous reactions	Hazardous polymerization does not occur
Conditions to avoid	Contact with incompatible materials
Hazardous decomposition products	No hazardous decomposition products are known.

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

Inhalation: May cause irritation to the respiratory system. Prolonged inhalation may be harmful
Skin: May be harmful if absorbed through skin. Causes severe skin burns.
Eyes: Causes severe eye burns, causes serious eye damage
Ingestion: Toxic if swallowed. Do not ingest.
Signs and Symptoms of Exposure: Burning sensation. Nausea. Cough. Wheezing. Laryngitis. Shortness of breath. Spasm, inflammation, and edema of the larynx. Spasm, inflammation, and edema of the bronchi. Pneumonitis. Pulmonary edema. Material is extremely destructive to the tissue of the mucous membrane, upper respiratory tract, eyes, and skin. Headache.

Chronic Effects of Long-term Exposure: No data available

Carcinogenicity: No component of this product at levels greater than 0.1% is identified as carcinogenic by IARC, ACGIH, or OSHA.

12. Ecological information

Acute Ecotoxicity

Component	CAS Number	Organism Ecotoxicity
Sodium Hydroxide	1310-73-2	Bluegill sunfish 48 hr LC50 = 99mg/L
Potassium Hydroxide	1310-58-3	Western Mosquitofish (Gambusia affinis) 80mg/I, 96 hrs. LC50

Ecological Effects
Persistence and Degradability: No data available
Bioaccumulation Potential: Not expected to bio-accumulate
Mobility in Soil: No data available
Other Adverse Effects: Harmful to aquatic life. The damaging effects are mostly the consequence of the increase in pH of the water**.**

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	Corrosive Liquids, N.O.S., (Sodium Hydroxide, Potassium Hydroxide)	8	II

***PG: Packing group**

15. Regulatory information

U.S. California Proposition 65

California Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65):
This material is not known to contain any chemicals currently listed as carcinogens or reproductive toxins.

California Right to Know Act regulations (SB 258)

Chemical Name	CAS No,	Function	List(s)
Water	7732-18-5	Diluent	N/A
Sodium hydroxide	1310-73-2	Cleaning agent	20
Acetic acid, 2-hydroxy-	79-14-1	Cleaning Agent	N/A
Potassium hydroxide	1310-58-3	Cleaning Agent	N/A

16. Other information

HMIS	Health Hazards	Flammability	Reactivity	Personal Protection
	2	0	1	B

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