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Safety Data Sheet

Laundry Kleen Break

Section 1: Identification

GHS product identifier

Product name: Laundry Kleen Break

Product Code: 130

Recommended uses and uses advised against

Recommended use:

Commercial Laundry Alkaline Builder

Uses not recommended:

For use in commercial laundry systems only.

Supplier details

Aleva Chemical, Inc.
1792 Latham St.
Memphis, TN 38106

Telephone (general) (888)504-8178
Website: alevachem.com

Emergency telephone number

Infotrac: (800) 535-5053

Section 2: Hazard identification

United States (US)

According to OSHA 29 CFR 1910.1200 HCS

Classification of the substance or mixture

OSHA HCS 2012

Skin Corrosion/Irritation 1

Label Elements

OSHA HCS 2012

Danger

Hazard Statements

H314 Causes severe skin burns and eye damage.

Precautionary Statements

Prevention

P260 Do not breathe dusts or mists.
P264 Wash hands and skin thoroughly after handling.
P280 Wear protective gloves, protective apron, eye protection and face shield where appropriate.

Response

P301 + P330 + P331 IF SWALLOWED: Rinse mouth.
Do NOT induce vomiting.
P303 + P361 + P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing.
Rinse skin with water.
P363 Wash contaminated clothing before reuse.
P304 + P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P310 Immediately call a poison control center and seek medical attention.
P321 Specific treatment see section 4.
P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes.
Remove contact lenses, if present and easy to do.
Continue rinsing.

Storage/Disposal

P501 Dispose of contents/container per guidelines in section 13.
P405 Store locked up.

Other hazards

OSHA HCS 2012

No data available.

Other information

NFPA

Section 3: Composition/Information on Ingredients

Substances

Material does not meet the criteria of a substance.

Mixtures

Potassium Hydroxide	[Caustic Potash	1310-58-3 10% - 33

See section 11 for toxicological information.

Section 4: First-Aid Measures

Description of first aid measures

Inhalation:

Skin:

Eye:

Ingestion:

Most important symptoms and effects, both acute and delayed

Indication of any immediate medical attention and special treatment needed:

Section 5: Fire-Fighting Measures

Extinguishing media

Suitable extinguishing media:

Unsuitable extinguishing media:

Special hazards arising from the substance or mixture

Unusual fire and explosion hazards:

Hazardous combustion products:

Advice for firefighters

Section 6: Accidental Release Measures

Personal precautions, protective equipment and emergency procedures

Personal precautions:

Emergency procedures:

Environmental precautions

Methods and material for containment and clean-up

Section 7: Handling and Storage

Precautions for safe handling

Handling:

Conditions for safe storage, including any incompatibilities

Storage:

Incompatible materials or ignition sources:

Section 8: Exposure Controls/Personal Protection

Control parameters

Exposure Limits/Guidelines				
Component	**Result**	**NIOSH**	**ACGIH**	**Canada Ontario**
Potassium Hydroxide 1310-58-3	**STELs**	Data lacking	2 mg/m3	Data lacking
	TWAs	Data lacking	2 mg/m3	Data lacking
	STELs			
	TWAs			

Exposure controls

Engineering measures and controls:

Incompatible materials or ignition sources:

Pictograms:

Respiratory:

Eye and face:

Hands:

Skin and body:

General industrial hygiene considerations:

Environmental exposure controls:

Key to Abbreviations
ACGIH= American Conference of Governmental Industrial Hygiene
OSHA =Occupational Safety and Health Administration
MSHA = Mine Safety and Health Administration
TWA = Time-Weighted Averages are based on 8h/day, 40h/week exposures NIOSH= National Institute of Occupational Safety and Health
STEV = Short Term Exposure Value
STEL = Short Term Exposure Limits are based on 15-minute exposures

Section 9: Physical and Chemical Properties

Information on physical and chemical properties

Material Description				
Physical Form			Appearance/Description	
Color			Odor	
Taste			Particulate Type	
Particulate Size			Aerosol Type	
Odor Threshold			Physical and Chemical Properties	
General Properties				
Boiling Point			Melting Point	
Decomposition Temperature			Heat of Decomposition	
pH			Specific Gravity/Relative Density	
Density			Bulk Density	
Water Solubility			Solvent Solubility	
Viscosity			Explosive Properties	
Oxidizing Properties:				
Volatility				
Vapor Pressure			Vapor Density	
Evaporation Rate			VOC (Wt.)	
VOC (Vol.)			Volatiles (Wt.)	
Volatiles (Vol.)				
Flammability				
Flash Point			UEL	
LEL			Autoignition	
Self-Accelerating Decomposition Temperature (SADT)			Heat of Combustion (ΔHc)	
Burning Time			Flame Duration	
Flame Height			Flame Extension	
Ignition Distance			Flammability (solid, gas)	
Environmental				
Half-Life			Octanol/Water Partition coefficient	
Coefficient of water/oil distribution			Bioaccumulation Factor	
Bioconcentration Factor			Biochemical Oxygen Demand BOD/BOD5	
Chemical Oxygen Demand			Persistence	
Degradation				

Section 10: Stability and Reactivity

Reactivity

Chemical stability

Possible hazardous reactions

Conditions to avoid

Incompatible materials

Hazardous decomposition products

Section 11: Toxicological Information

Information on toxicological effects

Component	CAS No.	Data
Potassium Hydroxide	1310-58-3	Oral-rat LD50: 606.6667 mg/kg Data lacking Not expected to cause reproductive effects.

Target organs

Routes of entry and/or exposure

Potential health effects

Inhalation

Acute (immediate):

Chronic (delayed):

Skin

Acute (immediate):

Chronic (delayed):

Ingestion

Acute (immediate):

Chronic (delayed):

Eye

Acute (immediate):

Chronic (delayed):

Section 12: Ecological Information

Toxicity

Persistence and degradability

Bioaccumulative potential

Mobility in soil

Other adverse effects

Other information

Section 13: Disposal Considerations

Waste treatment methods

Product waste

Packaging waste

Section 14: Transport Information

Proper Shipping Name: N1760, Corrosive Liquids, N.O.S. (Potassium

Hydroxide), 8, III Section 15: Regulatory Information

Section 15: Regulatory Information

Safety, health and environmental regulations specific to substance or mixture

SARA hazard classifications:

Section 16: Other Information

Last revision date:

Preparation date:

Disclaimer and statement of liability:

The information contained herein is believed to be accurate but is not warranted to be so. Data and calculations are based on information furnished by the manufacturer of the product and manufacturers of the components of the product. Users are advised to confirm in advance of need that information is current, applicable and suited to the circumstance of use. Vendor assumes no responsibility for injury to vendee or third persons proximately caused by the material if reasonable safety procedures are not adhered to as stipulated in the data sheet. Furthermore, vendor assumes no responsibility for injury caused by abnormal use of this material even if reasonable safety procedures are followed. Any questions regarding this product should be directed to the manufacturer of the product as described in Section 1.