

Safety Data Sheet

Laundry Kleen-N-Soft

Section 1: Identification

GHS product identifier

Product name: Laundry
Kleen-N-Soft Product Code: 83

Recommended uses and uses advised against

Recommended use:

Liquid laundry souring and softening agent.

Uses not recommended:

Not for domestic use.

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

Eye Damage/Irritation 2B (Mild Irritant)
Mild Irritant (Skin)

Label Elements

OSHA HCS 2012

Warning

Hazard Statements

H320 Causes eye irritation.
H316 Causes mild skin irritation.

Precautionary Statements

Prevention

P264 Wash hands and skin after handling.

Response

P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes.
Remove contact lenses, if present and easy to do.
Continue rinsing.
P337 + P313 If eye irritation persists: Get medical attention or advice.
P332 + P313 If skin irritation occurs: Get medical advice/attention.

Storage/Disposal

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

Proprietary Fabric Softener Solution [None Specified] CAS No. Proprietary 9% - 32%
Isopropanol [Isopropyl Alcohol] CAS No. 67-63-0 0% - 5%
Citric Acid [] CAS No. 77-92-9 0% - 5%

See section 11 for toxicological information.

Section 4: First-Aid Measures

Description of first aid measures

Inhalation:

Move victim to fresh air. Give artificial respiration if victim is not breathing.

Skin:

Immediately flush skin with running water for at least 20 minutes.

Eye:

Irrigate with water immediately. Seek medical attention.

Ingestion:

Call poison control center. Seek medical attention.

Most important symptoms and effects, both acute and delayed

Refer to section 11 - Toxicological Information.

Indication of any immediate medical attention and special treatment needed:

All treatments should be based on observed signs and symptoms of distress in the patient.

Section 5: Fire-Fighting Measures

Extinguishing media

Suitable extinguishing media:

Water, foam, dry powder & CO2.

Unsuitable extinguishing media:

Do not use solid water stream.

Special hazards arising from the substance or mixture

Unusual fire and explosion hazards:

In case of fire or explosion, do not breathe fumes.

Hazardous combustion products:

Fire may produce irritating gasses.

Advice for firefighters

Use water spray to cool containers exposed to fire.

Section 6: Accidental Release Measures

Personal precautions, protective equipment and emergency procedures

Personal precautions:

Wear appropriate protective equipment including respiratory protection as conditions warrant. Do not touch or walk through spilled material.

Emergency procedures:

As an immediate precautionary measure, isolate spill or leak for at least 50 meters.

Environmental precautions

Avoid run off to waterways and sewers.

Methods and material for containment and clean-up

Stop leak if you can do it without risk.

Section 7: Handling and Storage

Precautions for safe handling

Handling:

Follow general workplace safety guidelines.

Conditions for safe storage, including any incompatibilities

Storage:

Store at or near room temperature. Keep container closed when not in use.

Incompatible materials or ignition sources:

Material data lacking

Section 8: Exposure Controls/Personal Protection

Control parameters

Component	Result	Exposure Limits/Guidelines		
		NIOSH	ACGIH	Canada Ontario
Proprietary Fabric Softener Solution CAS No. Proprietary	STELs	Data lacking	Data lacking	Data lacking
	TWAs	Data lacking	Data lacking	Data lacking
Isopropanol CAS No. 67-63-0	STELs	Data lacking	400 ppm	Data lacking
	TWAs	Data lacking	200 ppm	Data lacking

Exposure controls

Engineering measures and controls:

Adequate ventilation systems as needed to control concentrations of airborne contaminants below applicable exposure limit values.

Incompatible materials or ignition sources:
Pictograms:



Respiratory:

Not required.

Eye and face:

Must wear goggles when using this product.

Hands:

Must wear chemical protective gloves when handling this product.

Skin and body:

Chemical protective clothing not required but may be employed if desired.

General industrial hygiene considerations:

Handle in accordance with good industrial hygiene and safety practice. Wash thoroughly with soap and water after handling.

Environmental exposure controls:

Follow best practice for site management and disposal of waste. Avoid release to the environment.

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	Liquid	Appearance/Description	Opaque liquid

Color	Light blue		Odor	Fresh lavender fragrance.
Taste	Data lacking		Particulate Type	Not relevant
Particulate Size	Not relevant		Aerosol Type	Not relevant
Odor Threshold	Data lacking		Physical and Chemical Properties	Data lacking
General Properties				
Boiling Point	As water		Melting Point	Data lacking
Decomposition Temperature	Data lacking		Heat of Decomposition	Data lacking
pH	4 -5		Specific Gravity/Relative Density	Data lacking
Density	8.1 lbs/gal		Bulk Density	Data lacking
Water Solubility	Data lacking		Solvent Solubility	Data lacking
Viscosity	700 CPS @ MHT		Explosive Properties	Classification criteria not met
Oxidizing Properties:	Data lacking			
Volatility				
Vapor Pressure	Data lacking		Vapor Density	Data lacking
Evaporation Rate	Data lacking		VOC (Wt.)	Data lacking
VOC (Vol.)	Data lacking		Volatiles (Wt.)	Data lacking
Volatiles (Vol.)	Data lacking			
Flammability				
Flash Point	Data lacking		UEL	Data lacking
LEL	Data lacking		Autoignition	Data lacking
Self-Accelerating Decomposition Temperature (SADT)	Data lacking		Heat of Combustion (ΔHc)	Data lacking
Burning Time	Data lacking		Flame Duration	Data lacking
Flame Height	Data lacking		Flame Extension	Data lacking
Ignition Distance	Data lacking		Flammability (solid, gas)	Data lacking
Environmental				
Half-Life	Data lacking		Octanol/Water Partition coefficient	Data lacking
Coefficient of water/oil distribution	Data lacking		Bioaccumulation Factor	Data lacking
Bioconcentration Factor	Data lacking		Biochemical Oxygen Demand BOD/BOD5	Data lacking
Chemical Oxygen Demand	Data lacking		Persistence	Data lacking
Degradation	Data lacking			

Section 10: Stability and Reactivity

Reactivity	
Chemical stability	Material data lacking.
Possible hazardous reactions	Material data lacking.
Conditions to avoid	Material data lacking.
Incompatible materials	Material data lacking.
Hazardous decomposition products	Material data lacking.

Section 11: Toxicological Information

Information on toxicological effects

Component	CAS No.	Data
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Component	CAS No.	Data
Proprietary Fabric Softener Solution	Proprietary	Data lacking Data lacking Data lacking
Isopropanol	67-63-0	LC50 > 1400 mg/l 96 hours (Bluegill: Lepomis macrochirus) Data lacking Data lacking

Target organs

Eyes & Conjunctiva.

Routes of entry and/or exposure

Irritation to nose, throat and mucous membranes.

Potential health effects

Inhalation

Acute (immediate):

May be irritating.

Chronic (delayed):

No data available.

Skin

Acute (immediate):

Irritating to skin at high levels of exposure.

Chronic (delayed):

No data available.

Ingestion

Acute (immediate):

Not expected under normal conditions of use. Do not ingest.

Chronic (delayed):

No data available.

Eye

Acute (immediate):

Contact may irritate or burn eyes.

Chronic (delayed):

Prolonged contact may cause corneal injury.

Section 12: Ecological Information

Toxicity

An environmental hazard cannot be excluded in the event of unprofessional handling or disposal.

Persistence and degradability

Material data lacking.

Bioaccumulative potential

Material data lacking.

Mobility in soil

Material data lacking.

Other adverse effects

No studies have been found.

Other information

No additional information available.

Section 13: Disposal Considerations

Waste treatment methods

Product waste

Dispose of content and/or container in accordance with local, regional, national, and/or international regulations.

Packaging waste

Dispose of package responsibly and with the understanding that product residue may remain in containers. Proceed in accordance with local, state and federal regulations.

Section 14: Transport Information

Special precautions for user

Transport containers shall be physically secured to the transporting vehicle to prevent accidental loss, tampering, or unauthorized removal.

Transport in bulk according to annex II of MARPOL 73/78 and the IBC code

Section 15: Regulatory Information

Safety, health and environmental regulations specific to substance or mixture

SARA hazard classifications:

Not SARA classified.

Section 16: Other Information

Last revision date:

4/22/2016

Preparation date:

5/6/2022

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.