

Safety Data Sheet

Dish Kleen

Section 1: Identification

GHS product identifier

Product name: Dish Kleen

Product Code: 91

Recommended uses and uses advised against

Recommended use:

Warewashing and degreasing

Uses not recommended:

None.

Supplier details

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

Telephone (general)
Website:

(888)504-8178
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)

Label Elements

OSHA HCS 2012

Warning

Hazard Statements

H320 Causes eye irritation.

Precautionary Statements

Prevention

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.

Storage/Disposal

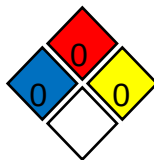
Other hazards

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

Anionic Surfactants	[	]	CAS No. Not specified	8% - 26%
Proprietary Dispersants/Stabilizers			[Proprietary Dispersants]	CAS No. Not Applicable 0% - 8%

See section 11 for toxicological information.

Section 4: First-Aid Measures

Description of first aid measures

Inhalation:

IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.

Skin:

IF ON SKIN: Wash with plenty of soap and water. Cover the irritated skin with an emollient. Remove contaminated clothing and shoes. Wash contaminated clothing before reuse. Call a poison center or doctor/physician if you feel unwell.

Eye:

Immediately flush with plenty of water. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes. Get medical attention.

Ingestion:

Do not induce vomiting without medical advice. Never give anything by mouth to an unconscious person. Loosen tight clothing such as collar, tie, belt, or waistband. If large quantities are swallowed, get emergency medical help immediately.

Most important symptoms and effects, both acute and delayed

Substance may cause slight skin irritation. May cause pain, conjunctivitis of the eyes or burns. Mist may cause irritation of the respiratory tract, experienced as nasal discomfort and discharge with chest pain and coughing. May affect respiration experienced as audible respiration, and mouth breathing, and distended abdomen. Exposure to high aerosol concentrations for a prolonged period of time may result in suffocation. Ingestion may cause nausea, vomiting and abdominal pain. May cause diarrhea. Aspiration into lungs may occur during ingestion or vomiting resulting in lung injury.

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. Treat symptomatically. Prolonged overexposure may result in kidney or liver damage.

Section 5: Fire-Fighting Measures

Extinguishing media

Suitable extinguishing media:

Dry chemical.
Large Fire: Water spray, fog, or foam.

Unsuitable extinguishing media:

Special hazards arising from the substance or mixture

Unusual fire and explosion hazards:

Hazardous combustion products:

Advice for firefighters

Do not use a solid water stream as it may scatter and spread fire.

May be combustible at high temperatures.

Carbon monoxide. Carbon dioxide (CO₂).

Use water spray to cool containers exposed to fire. As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

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

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 and material for containment and clean-up

Prevent further leakage or spillage if safe to do so. Dilute small spills or leaks with plenty of water. Absorb with inert material, and then place in suitable container for chemical waste. Keep in suitable, closed containers for disposal. For large spills - confine spill, soak up with approved absorbent, shovel product into approved container for disposal. Small spills may be permitted to be flushed to a sanitary sewer. Check with local authorities before proceeding. Dilute with water and clean up.

Section 7: Handling and Storage

Precautions for safe handling

Handling:

Use personal protection recommended in Section 8. Handle in accordance with good industrial hygiene and safety practice. Do not breathe dust/fume/gas/mist/vapors/spray. Ground/bond container and receiving equipment. Avoid contact with skin, eyes or clothing.

Conditions for safe storage, including any incompatibilities

Storage:

Keep container tightly closed and store in a cool, dry and well-ventilated place. Store away from sources of ignition. Keep away from heat. Store away from incompatible materials. Do not store above 24°C/75.2°F.

Incompatible materials or ignition sources:

Oxidizing agents. Acids. Alkalis.

Section 8: Exposure Controls/Personal Protection

Control parameters

Exposure Limits/Guidelines				
Component	Result	NIOSH	ACGIH	Canada Ontario
Anionic Surfactants CAS No. Not specified	STELs	This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.	This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.	Data lacking
	TWAs	This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.	This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.	Data lacking
Proprietary Dispersants/Stabilizers CAS No. Not Applicable	STELs	Data lacking	Data lacking	Data lacking
	TWAs	Data lacking	Data lacking	Data lacking

Exposure controls

Engineering measures and controls:

Ensure adequate ventilation, especially in confined areas. Eyewash stations. Showers.

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 using this product.
Skin and body:	Chemical protective clothing not required but may be employed if desired.
General industrial hygiene considerations:	Wash contaminated clothing before reuse
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
STEVE = Short Term Exposure Value
NIOSH= National Institute of Occupational Safety and Health
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	Viscous translucent liquid
Color	Blue		Odor	Surfactant odor
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	> 212		Melting Point	Data lacking
Decomposition Temperature	Data lacking		Heat of Decomposition	Data lacking
pH	9 - 10		Specific Gravity/Relative Density	1.08
Density	Data lacking		Bulk Density	Data lacking
Water Solubility	Soluble in water		Solvent Solubility	Data lacking
Viscosity	340 cps		Explosive Properties	Classification criteria not met
Oxidizing Properties:	Data lacking			
Volatility				
Vapor Pressure	As water		Vapor Density	As water
Evaporation Rate	1 Water = 1		VOC (Wt.)	Data lacking
VOC (Vol.)	Data lacking		Volatiles (Wt.)	Data lacking
Volatiles (Vol.)	Data lacking			
Flammability				
Flash Point	Not applicable		UEL	Data lacking
LEL	Not applicable		Autoignition	Not applicable
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)	Not applicable
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

Not reactive under normal conditions.

Chemical stability

Stable under recommended storage conditions.

Possible hazardous reactions

None under normal processing. Avoid strong bases at high temperatures. Strong oxidizing agents. Avoid strong acids and materials reactive with hydroxyl compounds.

Conditions to avoid

Avoid prolonged excess heat which may cause product decomposition. Incompatible Materials.

Incompatible materials

Oxidizing agents. Acids. Alkalis.

Hazardous decomposition products

Carbon monoxide. Carbon dioxide (CO₂).

Section 11: Toxicological Information

Information on toxicological effects

Component	CAS No.	Data
Anionic Surfactants	Not specified	Dermal LD50: 1800 µL/kg (Rabbit) Data lacking Data lacking
Proprietary Dispersants/Stabilizers	Not Applicable	Data lacking Data lacking Data lacking

Target organs

May affect behavior (somnolence, tremor), respiratory system (acute pulmonary edema), metabolism and liver.

Routes of entry and/or exposure

No data available.

Potential health effects

Inhalation

Acute (immediate):

Mist may cause irritation of the respiratory tract, experienced as nasal discomfort and discharge with chest pain and coughing. May affect respiration experienced as audible respiration, and mouth breathing, and distended abdomen

Chronic (delayed):

Exposure to high aerosol concentrations for a prolonged period of time may result in suffocation.

Skin

Acute (immediate):

Substance may cause slight skin irritation.

Chronic (delayed):

No data available.

Ingestion

Acute (immediate):

No data available.

Chronic (delayed):

No data available.

Eye

Acute (immediate):

May cause pain, conjunctivitis of the eyes or burns.

Chronic (delayed):

No data available.

Section 12: Ecological Information

Toxicity

Material data lacking.

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

Section 14: Transport Information

Special precautions for user

None specified.

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:

No data available.

Section 16: Other Information

Last revision date:

11/3/2015

Preparation date:

7/17/2018

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.