

Safety Data Sheet

Auto Scrub



THOUGHTFULLY
ENGINEERED
CHEMISTRIES

Section 1: Identification

GHS product identifier

Product name: Auto Scrub

Product Code: 11

Recommended uses and uses advised against

Recommended use:

For use in automatic floor scrubbing machines.

Uses not recommended:

None.

Supplier details

Telephone (general)
Website:

Aleva Chemical
1792 Latham Street
Memphis, TN 38106
888-504-8178
(901) 579-0836
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 2A (Irritant)
Irritant (Skin) (Skin Corrosion/Irritation category 2)

Label Elements OSHA HCS 2012



Hazard Statements

Warning

H319 Causes serious eye irritation.
H315 Causes skin irritation.

Precautionary Statements

Prevention

P264 Wash hands and skin after handling.
P280 Wear eye protection and/or face protection where applicable.
P264 Wash hands and skin thoroughly after handling.
P280 Wear protective gloves.

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.

P302 IF ON SKIN: Wash with plenty of water.
P321 Specific treatment: see section 4 (first aid).
P332 + P313 If skin irritation occurs: Get medical advice/attention.
P362 + P364 Take off contaminated clothing and wash it before use.

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

Potassium Hydroxide	[Caustic Potash]	CAS No. 1310-58-3	8% - 26%
Glycol Ether EB	[Butyl Glycol Ether]	CAS No. 111-76-2	1% - 25%
Proprietary Dispersants/Stabilizers	[Proprietary Dispersants]	CAS No. Not Applicable	0% - 12%

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:

Streaming water.

Unsuitable extinguishing media:

none.

Special hazards arising from the substance or mixture

Unusual fire and explosion hazards:

Material data lacking.

Hazardous combustion products:

Material data lacking.

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
Potassium Hydroxide CAS No. 1310-58-3	STELs	Data lacking	2 mg/m3	Data lacking
	TWAs	Data lacking	2 mg/m3	Data lacking
Glycol Ether EB CAS No. 111-76-2	STELs	50 ppm	Data lacking	Data lacking
	TWAs	20 ppm	Data lacking	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 using 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 TWA = Time-Weighted Averages are based on 8h/day, 40h/week exposures NIOSH= National Institute of Occupational Safety and Health STEL = Short Term Exposure Limits are based on 15-minute exposures OSHA =Occupational Safety and Health Administration STEV = Short Term Exposure Value
 MSHA = Mine Safety and Health Administration

Section 9: Physical and Chemical Properties

Information on physical and chemical properties

Material Description	
Physical Form	Liquid
Appearance/Description	Opaque Liquid

Color	Light Purple		Odor	Mild 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	10 - 12		Specific Gravity/Relative Density	1.076
Density	Data lacking		Bulk Density	Data lacking
Water Solubility	Data lacking		Solvent Solubility	Data lacking
Viscosity	Data lacking		Explosive Properties	Classification criteria not met
Oxidizing Properties:	Data lacking			
Volatility				
Vapor Pressure	Data lacking		Vapor Density	Data lacking
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	
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	Non-reactive.
Chemical stability	Stable.
Possible hazardous reactions	No potentially dangerous reactants.
Conditions to avoid	None.
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
Potassium Hydroxide	1310-58-3	Oral-rat LD50: 606.6667 mg/kg Data lacking Not expected to cause reproductive effects.
Glycol Ether EB	111-76-2	Data lacking Data lacking Data lacking

Target organs

No data available.

Routes of entry and/or exposure

No data available.

Potential health effects

Inhalation

Acute (immediate):

No data available.

Chronic (delayed):

No data available.

Skin

Acute (immediate):

No data available.

Chronic (delayed):

No data available.

Ingestion

Acute (immediate):

No data available.

Chronic (delayed):

No data available.

Eye

Acute (immediate):

No data available.

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

Section 14: Transport Information

UN Proper Shipping Name and D.O.T. Information

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

Section 15: Regulatory Information

Safety, health and environmental regulations specific to substance or mixture

SARA hazard classifications:

Section 16: Other Information

Last revision date:

11/22/2015

Preparation date:

4/23/2018

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.