

SAFETY DATA SHEET

AK GREASE CUTTER II

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Printed: 12/23/2024

Revision: 12/10/2024

1. Product and Company Identification

Product Code: AK204
Product Name: AK GREASE CUTTER II
Company Name: AllKleen Solutions LLC
525 Railroad Avenue
South San Francisco, CA 94080
Phone Number: 1 (650)588-7600
Web site address: www.allkleensolutions.com
Emergency Contact: Infotrac 24 Hour Emergency Hotline 1 (800)535-5053
Recommended Use: Hard Surface Cleaner/Degreaser
Intended Use: For sale to, use and storage by service persons only.

2. Hazards Identification

Acute Toxicity: Inhalation, Category 4

Skin Corrosion/Irritation, Category 1A

Serious Eye Damage/Eye Irritation, Category 2A



GHS Signal Word: Danger

GHS Hazard Phrases:

H332 - Harmful if inhaled.
H314 - Causes severe skin burns and eye damage.
H319 - Can cause serious eye irritation.

GHS Precaution Phrases:

P271 - Use only outdoors or in a well-ventilated area.
P260 - Do not breathe dust, fumes, mist, vapors, spray.
P264 - Wash hands thoroughly after handling.
P102 - Keep out of reach of children.
P280 - Wear protective gloves, protective clothing, eye protection, face protection.

GHS Response Phrases:

P304+340 - If inhaled: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
P303+361+353 - If on skin (or in hair): Take off immediately all contaminated clothing. Rinse skin with water.
P305+351+338 - If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P301+330+331 - If swallowed: Rinse mouth. Do NOT induce vomiting.
P310 - Immediately call a POISON CENTER or doctor/physician.

GHS Storage and Disposal Phrases:

P501 - Dispose of contents and container according to the local, city, state and federal regulations.
P411+235 - Store in cool dry place at room temperature away from direct sunlight.

Inhalation:

Breathing vapors and spray mist can be irritating to nose, throat, lungs and respiratory tract.

Skin Contact:

Prolonged and/or repeated contact may cause irritation and/or dermatitis. Avoid any skin contact.

Eye Contact:

Avoid any eye contact. Causes eye burns.

Ingestion:

May cause irritation of the digestive tract. May cause gastrointestinal irritation with nausea, vomiting and diarrhea.

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3. Composition/Information on Ingredients

CAS #	Hazardous Components (Chemical Name)	Concentration	
1310-58-3	Potassium hydroxide	Proprietary	
6834-92-0	Silicic acid (H ₂ SiO ₃), Disodium salt	Proprietary	
68439-46-3	Alcohol ethoxylate	Proprietary	
61791-10-4	Quaternary ammonium compounds, coco alkylbis(2-hydroxyethyl)methyl, chlorides, ethoxylated	Proprietary	
112-34-5	Diethylene glycol monobutyl ether	Proprietary	

4. First Aid Measures

Emergency and First Aid Procedures:

In Case of Inhalation:	Remove from exposure and move to fresh air immediately. If unconscious, call a physician.
In Case of Skin Contact:	Flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Wash clothing before reuse. Consult a physician.
In Case of Eye Contact:	Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.
In Case of Ingestion:	If victim is conscious and alert, give 2-4 cupfuls of milk or water. Never give anything by mouth to an unconscious person. Get medical aid immediately. Consult a physician.
Signs and Symptoms Of Exposure:	Burning sensation, Cough, Wheezing, Laryngitis, Shortness of breath.
Note to Physician:	Treat symptomatically and supportively.

5. Fire Fighting Measures

Flash Pt:	NE
Explosive Limits:	LEL: N/A N.E. UEL: N/A N.E.
Autoignition Pt:	NE
Suitable Extinguishing Media:	Use water spray, dry chemical, carbon dioxide, or chemical foam.
Fire Fighting Instructions:	As in any fire, wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH (approved or equivalent), and full protective gear.
Flammable Properties and Hazards:	No data available.
Hazardous Combustion Products:	No data available.

6. Accidental Release Measures

Steps To Be Taken In Case Material Is Released Or Spilled:	Use proper personal protective equipment as indicated in Section 8. Absorb on sand or vermiculite and place in closed containers for disposal.
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7. Handling and Storage

Precautions To Be Taken in Handling:	Wash thoroughly after handling. Do not allow water to get into the container because of violent reaction. Do not breathe dust, mist, or vapor. Do not get in eyes, on skin, or on clothing. Keep container tightly closed. Do not ingest or inhale. Do not allow contact with water. Use only in a chemical fume hood. Discard contaminated shoes. Keep from contact with moist air and steam. Provide appropriate exhaust ventilation at places where dust is formed. Use spark-proof tools and explosion proof equipment. Keep away from heat, sparks and flame.
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Precautions To Be Taken in Storing:

Keep container closed when not in use. Store in a tightly closed container. Store in a cool, dry, well-ventilated area away from incompatible substances. Keep away from water. Corrosives area. Store protected from moisture. Keep container tightly closed in a dry and well-ventilated place. Hygroscopic. Keep away from sources of ignition. Store in a cool, dry place.

8. Exposure Controls/Personal Protection

CAS #	Partial Chemical Name	OSHA TWA	ACGIH TWA	Other Limits
1310-58-3	Potassium hydroxide	No data.	CEIL: 2 mg/m3	No data.
6834-92-0	Silicic acid (H ₂ SiO ₃), Disodium salt	No data.	No data.	No data.
68439-46-3	Alcohol ethoxylate	No data.	No data.	No data.
61791-10-4	Quaternary ammonium compounds, coco alkylbis(2-hydroxyethyl)methyl, chlorides, ethoxylated	No data.	No data.	No data.
112-34-5	Diethylene glycol monobutyl ether	No data.	No data.	No data.

Personal Protective Equipment Symbols:



Respiratory Equipment (Specify Type):

Always use a NIOSH approved respirator when necessary.

Eye Protection:

Wear appropriate protective eyeglasses or chemical safety goggles as described by OSHA's eye and face protection regulations in 29 CFR 1910.133 or European Standard EN166. Face shield and safety glasses.

Protective Gloves:

Wear appropriate protective gloves to prevent skin exposure. Handle with gloves.

Other Protective Clothing:

Wear appropriate protective clothing to prevent skin exposure.

Engineering Controls (Ventilation etc.):

Use adequate general or local exhaust ventilation to keep airborne concentrations below the permissible exposure limits.

Work/Hygienic/Maintenance Practices:

Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.

9. Physical and Chemical Properties

Physical States:	[] Gas [X] Liquid [] Solid		
Appearance and Odor:	Purple color liquid with no odor.		
pH:	~ 12.00 - 13.00		
Melting Point:	NE		
Boiling Point:	>= 212.00 F		
Flash Pt:	NE		
Evaporation Rate:	NE		
Flammability (solid, gas):	No data available.		
Explosive Limits:	LEL: N/A	N.E.	UEL: N/A N.E.
Vapor Pressure (vs. Air or mm Hg):	NE		
Vapor Density (vs. Air = 1):	NE		

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Specific Gravity (Water = 1): ~ 1.080
Density: ~ 9.00 LB/GA
Bulk density: NE
Solubility in Water: 100%
Saturated Vapor Concentration: NE
Octanol/Water Partition Coefficient: No data.
VOC / Volume: 0.0000 G/L
Autoignition Pt: NE
Decomposition Temperature: NE
Viscosity: NP
Particle Size: NE
Heat Value: NE
Corrosion Rate: NE

10. Stability and Reactivity

Stability: Unstable [] Stable [X]
Conditions To Avoid - Instability: None.
Incompatibility - Materials To Avoid: Strong acids, Aluminum, Copper, Strong oxidizers.
Hazardous Decomposition or Byproducts: CO, CO2.
Possibility of Hazardous Reactions: Will occur [] Will not occur [X]
Conditions To Avoid - Hazardous Reactions: None.

11. Toxicological Information

Toxicological Information: CAS# 6834-92-0: Acute toxicity, LD50, Oral, Mouse, 770.0 MG/KG. Result: Kidney, Ureter, Bladder: Changes in tubules (including acute renal failure, acute tubular necrosis). Kidney, Ureter, Bladder: Changes in bladder weight. Nutritional and Gross Metabolic: Weight loss or decreased weight gain. ; Toxicology Letters., Elsevier Science Pub. B.V., POB 211, 1000 AE, Amsterdam 1000 AE Netherlands, Vol/p/yr: 31(Suppl), 1986
CAS# 68439-46-3: Acute toxicity, LD50, Oral, Rat, 1378. MG/KG. Result: Vascular: Measurement of regional blood flow. Biochemical: Enzyme inhibition, induction, or change in blood or tissue levels: Dehydrogenases. Biochemical: Metabolism (Intermediary): Lipids including transport. ; Journal of the American College of Toxicology., Mary Ann Liebert, Inc., New York, NY, Vol/p/yr: 10(4), 427, 1991

Carcinogenicity/Other Information: CAS# 1310-58-3: Not listed by ACGIH, IARC, NTP, or CA Prop 65. Carcinogenicity. IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC. NTP: No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP. OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA. California: Not listed. NTP: Not listed. IARC: Not listed.

Carcinogenicity: NTP? No IARC Monographs? No OSHA Regulated? No

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12. Ecological Information

General Ecological Information: CAS# 68439-46-3: LC50, Fathead Minnow (Pimephales promelas), 11000. UG/L, 96 H, Mortality, Water temperature: 22.00 C C. Result: Morphological changes. ; Acute Toxicity and Structure-Activity Relationships of Nine Alcohol Ethoxylate Surfactants to Fathead Minnow and Daphnia magna, Wong, D.C.L., P.B. Dorn, and E.Y. Chai, 1997

Persistence and Degradability: No data available.

13. Disposal Considerations

Waste Disposal Method: Dispose of contents and container according to the local, city, state and federal regulations.

14. Transport Information

LAND TRANSPORT (US DOT):

DOT Proper Shipping Name: Quart and one gallon: Limited Quantity.
Five Gallons or Higher: NA1760, Compounds, Cleaning Liquid, (Contains Potassium Hydroxide), 8, III.

DOT Hazard Class: 8 CORROSIVE

UN/NA Number: NA1760

Packing Group: II



LAND TRANSPORT (Canadian TDG):

TDG Shipping Name: NA1760, Compounds, Cleaning Liquid, (Contains Potassium Hydroxide), 8, II.

MARINE TRANSPORT (IMDG/IMO):

IMDG/IMO Shipping Name: NA1760, Compounds, Cleaning Liquid, (Contains Potassium Hydroxide), 8, II.

AIR TRANSPORT (ICAO/IATA):

ICAO/IATA Shipping Name: NA1760, Compounds, Cleaning Liquid, (Contains Potassium Hydroxide), 8, II.

15. Regulatory Information

EPA SARA (Superfund Amendments and Reauthorization Act of 1986) Lists

CAS #	Hazardous Components (Chemical Name)	S. 302 (EHS)	S. 304 RQ	S. 313 (TRI)
1310-58-3	Potassium hydroxide	No	Yes 1000 LB	No
6834-92-0	Silicic acid (H ₂ SiO ₃), Disodium salt	No	No	No
68439-46-3	Alcohol ethoxylate	No	No	No
61791-10-4	Quaternary ammonium compounds, coco alkylbis(2-hydroxyethyl)methyl, chlorides, ethoxylated	No	No	No
112-34-5	Diethylene glycol monobutyl ether	No	No	Yes-Cat. N230

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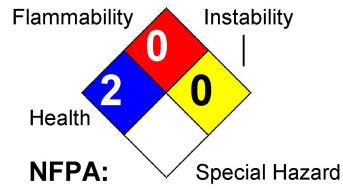
16. Other Information

Revision Date: 12/10/2024

Hazard Rating System:

HEALTH		2
FLAMMABILITY		0
PHYSICAL		0
PPE		B

HMIS:



Additional Information About This Product: No data available.

This Product:

Company Policy or

Disclaimer: