

SAFETY DATA SHEET

AK Tub & Tile Cleaner

Page: 1

Printed: 09/30/2024

Revision: 09/17/2024

1. Product and Company Identification

Product Code: AK 366
Product Name: AK Tub & Tile Cleaner
Company Name: All Kleen 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: Bathroom Cleaner
Intended Use: For sale to, use and storage by service persons only.

2. Hazards Identification

Skin Corrosion/Irritation, Category 1B

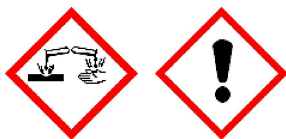
Specific Target Organ Toxicity (single exposure), Category 3

Acute Toxicity: Oral, Category 4

Acute Toxicity: Skin, Category 4

Serious Eye Damage/Eye Irritation, Category 1

Acute Toxicity: Inhalation, Category 4



GHS Signal Word: Danger

GHS Hazard Phrases:
H314 - Causes severe skin burns and eye damage.
H335 - May cause respiratory irritation.
H302 - Harmful if swallowed.
H312 - Harmful in contact with skin.
H318 - Causes serious eye damage.
H332 - Harmful if inhaled.

GHS Precaution Phrases:
P260 - Do not breathe dust, fumes, mist, vapors, spray.
P264 - Wash hands thoroughly after handling.
P280 - Wear protective gloves, protective clothing, eye protection, face protection.
P261 - Avoid breathing fumes and spray mist.
P271 - Use only outdoors or in a well-ventilated area.
P270 - Do not eat, drink or smoke when using this product.

GHS Response Phrases:
P303+361+353 - If on skin (or in hair): Take off immediately all contaminated clothing. Rinse skin with water.
P363 - Wash contaminated clothing before reuse.
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.
P301+310 - If swallowed: Immediately call a Poison Center or doctor.
P304+340 - If inhaled: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
P302+352 - If on skin (or in hair): Wash with plenty of soap and water.

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.

SAFETY DATA SHEET

AK Tub & Tile Cleaner

Page: 2

Printed: 09/30/2024

Revision: 09/17/2024

Inhalation: Causes chemical burns to the respiratory tract. Causes respiratory tract irritation. Harmful if inhaled.

Skin Contact: Causes skin burns. Causes skin irritation. Harmful if absorbed through the skin. Substance is rapidly absorbed through the skin. Causes symptoms similar to those of inhalation.

Eye Contact: Risk of serious damage to eyes. Causes eye burns. Causes eye irritation. May cause chemical conjunctivitis. Causes redness and pain.

Ingestion: Causes gastrointestinal tract burns. May cause irritation of the digestive tract. Harmful if swallowed. May cause gastrointestinal irritation with nausea, vomiting and diarrhea. May be fatal if swallowed.

3. Composition/Information on Ingredients

| CAS # | Hazardous Components (Chemical Name) | Concentration | |
|------------|--------------------------------------|---------------|--|
| 7664-38-2 | Phosphoric acid | Proprietary | |
| 77-92-9 | Citric acid | Proprietary | |
| 112-34-5 | Diethylene glycol monobutyl ether | Proprietary | |
| 68439-46-3 | Alcohol ethoxylate | Proprietary | |

4. First Aid Measures

Emergency and First Aid

Procedures:

In Case of Inhalation: Remove from exposure and move to fresh air immediately. If breathing is difficult, give oxygen. Get medical aid.

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.

In Case of Eye Contact: Flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Get medical aid immediately.

In Case of Ingestion: Never give anything by mouth to an unconscious person. If conscious and alert, rinse mouth and drink 2-4 cupfuls of milk or water. Wash mouth out with water. Call a poison control center.

Note to Physician: Treat symptomatically and supportively.

5. Fire Fighting Measures

Flash Pt: NE

Explosive Limits: LEL: N/A UEL: N/A

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. During a fire, irritating and highly toxic gases may be generated by thermal decomposition or combustion.

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: Absorb spill with inert material (e.g. vermiculite, sand or earth), then place in suitable container. Avoid runoff into storm sewers and ditches which lead to waterways.

7. Handling and Storage

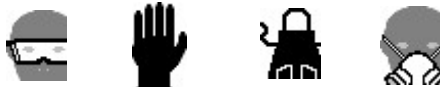
Precautions To Be Taken in Handling: Do not breathe dust, vapor, mist, or gas. Do not get in eyes, on skin, or on clothing. Do not ingest or inhale. Avoid breathing dust, vapor, mist, or gas. Avoid contact with eyes, skin, and clothing. Keep container tightly closed. Use with adequate ventilation. Wash clothing before reuse.

Precautions To Be Taken in Storing: Store in a cool, dry, well-ventilated area away from incompatible substances.

8. Exposure Controls/Personal Protection

| CAS # | Partial Chemical Name | OSHA TWA | ACGIH TWA | Other Limits |
|------------|-----------------------------------|--------------|-------------------------------|--------------|
| 7664-38-2 | Phosphoric acid | PEL: 1 mg/m3 | TLV: 1 mg/m3 STEL: 3 mg/m3 | No data. |
| 77-92-9 | Citric acid | No data. | No data. | No data. |
| 112-34-5 | Diethylene glycol monobutyl ether | No data. | No data. | No data. |
| 68439-46-3 | Alcohol ethoxylate | No data. | No data. | No data. |

Personal Protective Equipment Symbols:



Respiratory Equipment (Specify Type): Follow the OSHA respirator regulations found in 29 CFR 1910.134 or European Standard EN 149. Use a NIOSH/MSHA or European Standard EN 149 approved respirator if exposure limits are exceeded or if irritation or other symptoms are experienced.

Eye Protection: Wear chemical splash goggles. 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.

Protective Gloves: Wear appropriate protective gloves to prevent skin exposure.

Other Protective Clothing: Wear appropriate protective clothing to prevent skin exposure.

Engineering Controls (Ventilation etc.): Use adequate ventilation to keep airborne concentrations low.

9. Physical and Chemical Properties

Physical States: [] Gas [X] Liquid [] Solid
Appearance and Odor: Purple color liquid with herbal fragrance.
pH: ~ 0.50 - 2.00
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 UEL: N/A
Vapor Pressure (vs. Air or mm Hg): NE
Vapor Density (vs. Air = 1): NE

SAFETY DATA SHEET

AK Tub & Tile Cleaner

Page: 4

Printed: 09/30/2024
Revision: 09/17/2024

Specific Gravity (Water = 1): ~ 1.180
Density: ~ 9.841 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: Excess heat.

Incompatibility - Materials To Avoid: Strong oxidizing agents, Reacts with most common metals to produce hydrogen gas. Is corrosive to many materials including leather, rubber, and many organics. Strong bases, Aluminum.

Hazardous Decomposition or Byproducts: Phosphine, oxides of phosphorus, hydrogen gas. Carbon monoxide, Carbon dioxide.

Possibility of Hazardous Reactions: Will occur [] Will not occur [X]

Conditions To Avoid - Hazardous Reactions: None.

11. Toxicological Information

Toxicological Information: CAS# 7664-38-2: Acute toxicity, LD50, Oral, Rat, 1530. MG/KG. Result: [Beha (missing text!)] [Chan (missing text!)] [in (missing text!)] [psyc (missing text!)] [test (missing text!)] ; BIOFAX Industrial Bio-Test Laboratories, Inc., Data Sheets., Vol/p/yr: 17-4, 1970
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# 7664-38-2: Not listed by ACGIH, IARC, NTP, or CA Prop 65. CAS# 7647-01-0: Not listed by ACGIH, IARC, NTP, or CA Prop 65. CAS# 111-76-2: ACGIH: A3 - Confirmed animal carcinogen with unknown relevance to humans.
California: Not listed.
NTP: Not listed.
IARC: Not listed.

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

12. Ecological Information

General Ecological Information:

CAS# 7664-38-2: Not reported., Rainbow Trout (*Oncorhynchus mykiss*), fingerling, 5.190 %, 27 W, Growth, Water temperature: 16.00 C - 20.00 C C. Result: Morphological changes. ; Effect of Various Types of Phosphates on Zinc Availability to Rainbow Trout, Satoh, S., N. Porn-Ngam, T. Takeuchi, and T. Watanabe, 1993
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

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: UN1760, Corrosive Liquids, n.o.s., (Contains Phosphoric Acid), 8, III.
DOT Hazard Class: 8 CORROSIVE
UN/NA Number: NA1760 **Packing Group:** III

**LAND TRANSPORT (Canadian TDG):**

TDG Shipping Name: NA1760, Compounds, Cleaning Liquid, (Contains Phosphoric Acid and Hydrochloric Acid), 8, II.

MARINE TRANSPORT (IMDG/IMO):

IMDG/IMO Shipping Name: NA1760, Compounds, Cleaning Liquid, (Contains Phosphoric Acid and Hydrochloric Acid), 8, II.

AIR TRANSPORT (ICAO/IATA):

ICAO/IATA Shipping Name: NA1760, Compounds, Cleaning Liquid, (Contains Phosphoric Acid and Hydrochloric Acid), 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) |
|------------|--------------------------------------|--------------|-------------|---------------|
| 7664-38-2 | Phosphoric acid | No | Yes 5000 LB | No |
| 77-92-9 | Citric acid | No | No | No |
| 112-34-5 | Diethylene glycol monobutyl ether | No | No | Yes-Cat. N230 |
| 68439-46-3 | Alcohol ethoxylate | No | No | No |

SAFETY DATA SHEET
AK Tub & Tile Cleaner

Page: 6

Printed: 09/30/2024
Revision: 09/17/2024

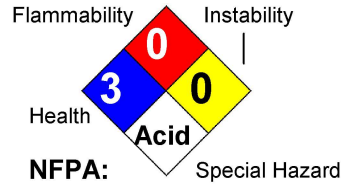
16. Other Information

Revision Date: 09/17/2024

Hazard Rating System:

| | | |
|--------------|--|---|
| HEALTH | | 3 |
| FLAMMABILITY | | 0 |
| PHYSICAL | | 0 |
| PPE | | H |

HMIS:



Additional Information About This Product: No data available.

Company Policy or

Disclaimer: