

SAFETY DATA SHEET

1. Identification

Product Identifier	Hot Tub Filter Cleaner
Other means of identification	
Product code	active-filtercleaner-32oz
Recommended use	Filter cleaning solution.
Recommended restrictions	Use as directed.
Manufacturer information	
Company name	Active B LLC
Address	3147 California St NE Suite 100-A Minneapolis, MN 55418
Telephone	(888) 997-2131
Emergency phone number	PERS 24-hour Emergency (800) 633-8253

2. Hazard(s) Identification

Physical hazards	Not classified.	
Health hazards	Acute toxicity-inhalation	Category 4
	Serious eye irritation	Category 2A
	Skin irritation	Category 2
Environmental hazards	Not classified.	
OSHA defined hazards	Not listed.	
Label elements		



Signal word	WARNING
Hazard statement	May be harmful if swallowed. Causes serious skin and eye irritation.
Precautionary statement	
Prevention	Wash hands and exposed skin thoroughly after handling. Wear protective gloves/protective clothing/eye protection/face protection.
Response	IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. Specific treatment: see first aid instructions in section 4. IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. Wash contaminated clothing before reuse. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
Storage	No prescriptive instruction
Disposal	No prescriptive instruction.
Hazard(s) not otherwise classified (HNOC)	None.
Supplemental information	None.

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3. Composition/information on ingredients

Mixture Components		
Chemical name	CAS number	%
Glycolic acid	79-14-1	5-15
Alcohol C8-12, ethoxylated	68603-25-8	1-5
Other components below reportable levels		80-90

4. First-aid measures

Inhalation	Move to fresh air. Call a physician if symptoms develop or persist.
Skin contact	Remove contaminated clothing immediately and wash skin with soap and water. In case of eczema or other skin disorders: Seek medical attention and take along these instructions.
Eye contact	Rinse with water for at least 15 minutes. Remove contact lenses, if present and easy to do. Get medical attention. Eye wash stations should be in the work area.
Ingestion	Rinse mouth. Get medical attention if symptoms occur. Do not induce vomiting.
Most important symptoms/effects, acute and delayed	Dermatitis. Rash. May cause an allergic skin reaction. May cause sever corneal irritation
Indication of immediate medical attention and special treatment needed	Provide general support measures and treat symptomatically. Keep the victim under observation. Symptoms may be delayed.
General information	Ensure that medical personnel are aware of the material(s) involved and take precautions to protect themselves. Wash contaminated clothing before reuse.

5. Fire-fighting measures

Suitable extinguishing media	Water fog. Foam. Dry chemical powder. Carbon dioxide (CO ₂)
Unsuitable extinguishing media	None known
Specific hazards arising from the chemical	During fire, gases hazardous to health may be formed.
Special protective equipment and precautions for firefighters	Self-contained breathing apparatus and full protecting clothing must be worn in case of fire.
Fire-fighting equipment/instructions	Move containers from fire area if you can do so without risk.
Specific methods	Use standard firefighting procedures and consider the hazards of other involved materials.
General fire hazards	No unusual fire or explosion hazards noted.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures	Wear appropriate protective equipment and clothing during clean-up. Wear eye/face protection.
Methods and materials for containment and cleaning up	Caution – spillages may be slippery. Large spills: Stop the flow of material if this is without risk. Dike the spilled material, where this is possible. Absorb in vermiculite, dry sand or earth and place into containers. Prevent entry into waterways, sewers, basements, or confined areas. Small spills: Wipe up with absorbent material (e.g., cloth, fleece). Clean surface thoroughly to remove residual contamination.

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Never return spills to original container for re-use. For waste disposal, see section 13 of the SDS.

Environmental precautions Do not release it into the open environment (see section 12). Avoid discharge into surface drainage paths and other areas not consistent with package labeling.

7. Handling and storage

Precautions for safe handling Avoid contact with eyes, skin, and clothing. Avoid prolonged breathing exposure. Wear appropriate personal protective equipment. Observe good industrial hygiene practices.

Conditions for safe storage, including any incompatibilities Store in original tightly closed container. Do not store in extreme conditions.

8. Exposure controls/personal protection

Occupational exposure limits No data available

Biological limit values No data available

Appropriate engineering controls Emergency eyewash stations and showers should be readily accessible. Provide natural or mechanical ventilation.

Individual protection measures, such as personal protective equipment

Eye/face protection Avoid contact with eyes. Wear safety glasses with side shields (or goggles).

Skin protection

Hand protection Wear appropriate chemical resistant gloves.

Other Wear long sleeve shirts with pants.

Respiratory protection Respiratory protection is not required.

Thermal hazards Wear appropriate thermal protective clothing, when necessary.

General hygiene considerations When using do not smoke or use chewing tobacco. Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants. Contaminated work clothing should not be allowed out of the workplace.

9. Physical and chemical properties

Appearance

Physical State Liquid.

Color Light amber.

Odor Characteristic.

Odor threshold Not available.

pH 1.5 – 3.0

Melting/freezing point 26°F (-3.3°C)

Initial boiling point and boiling range >212°F (100°C)

Flash point Not applicable.

Evaporation rate Not available.

Flammability Not available.

Flammability Limits

Upper Not available.

Lower Not available.

Vapor pressure Not available.

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Vapor density	Not available.
Specific gravity (water=1)	1.14
Solubility in water	Soluble.
Partition coefficient (n-octanol/water)	Not applicable (100 water soluble)
Auto-ignition temperature	Not available.
Decomposition temperature	Not available.
Viscosity	Not available.

10. Stability and reactivity

Reactivity	This product is stable and non-reactive under normal conditions of use.
Chemical stability	Material is stable under normal conditions.
Possibility of hazardous reactions	Hazardous polymerization does not occur.
Conditions to avoid	Heat and flames can cause products to decompose.
Incompatible materials	Strong acids, strong bases, strong oxidizing agents.
Hazardous decomposition products	Aldehydes, ketones, organic acids, carbon dioxide, carbon monoxide.

11. Toxicological information

Information on likely routes of exposure

Ingestion	Moderately corrosive mucous membranes will damage tissue if there is prolonged contact.
Inhalation	Expected to be a low inhalation hazard.
Skin contact	Causes severe skin irritation. See section 8 for personal protection.
Eye contact	Causes severe eye irritation. May cause corneal injury.
Symptoms related to the physical, chemical, and toxicological characteristics	Dermatitis. Rash. May cause an allergic skin reaction.
Acute toxicity	Not listed

Product Hot Tub Filter Cleaner (CAS mixture)		
Exposure Classification	Route and Species	LD ₅₀ /LC ₅₀
Acute	<i>Oral, rat</i>	> 120 mg/kg (estimated)
Acute	<i>Dermal, rabbit</i>	>5,000 mg/kg (literature)
Acute	<i>Inhalation, rat</i>	23 - 34 mg/L (estimated)

*Estimates for product may be based on additional component data not shown

Skin corrosion/irritation	Causes severe skin irritation.
Serious eye damage/irritation	Causes serious eye irritation.
Respiratory sensitization	Not classified.
Skin sensitization	Not classified.
Germ cell mutagenicity	Not classified.
Carcinogenicity	Not considered a carcinogen.
OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)	Not Listed.
Reproductive toxicity	Not classified.
Specific target organ toxicity – single exposure	Not classified.

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Specific target organ toxicity – repeated exposure Not classified.
Aspiration hazard Not considered an aspiration hazard.

12. Ecological information

Ecotoxicity		
Product Hot Tub Filter Cleaner (CAS mixture)		
Aquatic Receptor	Species	Test Thresholds
Crustacea	Daphnia magna	EC ₅₀ (48-hr): 295 mg/L (estimated)
Fish	Fathead Minnow	LC ₅₀ (96-hr): 410 mg/L (estimated)
*Estimates for product may be based on additional component data not shown		

Persistence and degradability Glycolic acid is considered readily biodegradable.
Bio-accumulation potential No data available. Components are highly water-soluble and not expected to accumulate in dynamic biological systems
Mobility in soil Not available. Chemicals of these classes are expected to exhibit high mobility in saturated and semi-saturated soils
Other adverse effects Not available.

13. Disposal considerations

Disposal instructions Collect and reclaim or dispose of sealed containers at licensed waste disposal site. Dispose of contents/container in accordance with local/regional/national/international regulations. Do not release to the environment.
Local disposal regulations Dispose in accordance with all applicable regulations
Waste from residues/unused product Dispose of it in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner. (See: Disposal instructions).
Contaminated packaging Empty containers should be taken to an approved waste handling site for recycling or disposal. Since emptied containers may contain product residue, follow label warnings even after container is emptied.

14. Transport information

DOT

UN number UN1760
UN proper shipping name Corrosive Liquids, n.o.s. (Contains: Glycolic acid)
Transport hazard class(es)
Class 8
Subsidiary risk -
Packaging group III
Marine pollutant No
Special precautions for user Read safety instructions, SDS, and emergency procedures before handling.
Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code Not intended to be transported in bulk.
DOT Label/Placard

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15. Regulatory information

US federal regulations

SARA 302 Extremely hazardous substance Not listed

SARA 304 Emergency release notification Not listed

SARA 311/312 Hazard Categories

Immediate Hazard - Yes

Delayed Hazard – No

Fire Hazard – No

Pressure Hazard – No

Reactivity Hazard – No

SARA 313 (TRI reporting) Not Listed

California Proposition 65

California Safe Drinking Water and Toxic Enforcement Act of 1986

This product is not known to contain any chemicals currently listed as carcinogens or reproductive toxins under California Proposition 65 at levels which would be subject to threshold determination and Safe Harbor notification (3/2022)

16. Other information, including date of preparation or last revision

Issue date 2/22/2023

Revision date

Version # 1

HMIS® ratings Health: 2
Flammability: 0
Physical hazard: 0

HEALTH	2
FLAMMABILITY	0
REACTIVITY	0
PERSONAL PROTECTION	<input type="checkbox"/>

NFPA ratings Health: 2
Flammability: 0
Instability: 0

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Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge and has been obtained from resources believed to be reliable. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal, and release and is not to be considered a warranty or quality specification. The information related only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified by the text.

Revision information

First issue.