

SAFETY DATA SHEET

This SDS Complies With 29 CFR 1910.1200 (The Hazard Communication Standard)

Section 1 - Product & Company Identification

Product identifier

Product name: AZ-4 VIBRATORY INHIBITED FINISHING COMPOUND

Product form: Liquid

Other means of identification: AR-60-047

Relevant identified uses of the substance or mixture: Liquid parts cleaner

Details of the supplier of the safety data sheet

Distributor:

Burr King, 1220 Tamera Lane, Warsaw, MO 65355

Phone: (660) 438-8998

Manufacturer:

Eaton Chemical, Inc., 4124 NW Riverside Street Riverside, MO 64150

Phone: (816) 741-7985

Emergency telephone number

Emergency number : CHEMTREC: 1-800-424-9300

Section 2 – Hazards Identification

Classification

Corrosive to metals

Serious eye damage/irritation – Category 1

Skin corrosion/irritation – Category 2

Pictogram



Signal Word

DANGER

Hazard Statements

Causes serious eye damage.

Causes skin irritation.

May be corrosive to metals.

Precautionary Statements – Prevention

Keep in original container.

Wear protective gloves/protective clothing/eye protection/face protection.

Wash exposed skin thoroughly after handling.

Precautionary Statements – Response Absorb spillage to prevent material damage.

IF SWALLOWED: Call a Poison Center or a doctor/physician if you feel unwell. Rinse mouth.

IF ON SKIN: Take off all contaminated clothing, wash with plenty of soap and water. Call a Poison Center or a doctor/physician if you feel unwell. Wash contaminated clothing before reuse.

IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a Poison Center or a doctor/physician if you feel unwell.

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a Poison Center or doctor/physician.

Precautionary Statements – Storage

Store in corrosive resistant container. Keep container tightly closed, keep cool.

Precautionary Statements – Disposal

Dispose of contents/container to an approved waste treatment and disposal facility in accordance with applicable laws and regulations, and product characteristics at time of disposal.

Section 3 –Composition/Information on ingredients

Mixture

Name	CAS#	%
Tetrasodium ethylenediamine tetraacetate	64-02-8	1-5
sodium metasilicate	6834-92-0	1-5
Nonylphenol, ethoxylated	127087-87-0	1-5
sodium xylene sulfonate	1300-72-7	1-10
Sodium nitrite	7632-00-0	0.1-<1

Any concentration shown as a range is to protect confidentiality or is due to process variation.

Section 4 – First Aid Measures

Description of first aid measures

Eye Contact: Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 20 minutes. Get medical attention.

Skin Contact: Remove contaminated clothing. Flush contaminated skin with plenty of water. Continue to rinse for at least 20 minutes. Get medical attention. Wash clothing before reuse. Clean shoes thoroughly before reuse.

Inhalation: Remove victim to fresh air and keep at rest in a position comfortable for breathing.

Ingestion: Call a Poison Center or a doctor/physician if you feel unwell. Rinse mouth.

Over Exposure Signs/Symptoms

Eye Contact: Adverse symptoms may include the following: Pain or irritation, watering, redness.

Inhalation: No known significant effects or critical hazards.

Skin Contact: Adverse symptoms may include the following: Irritation, redness.

Ingestion: Harmful if swallowed. Irritating to mouth, throat and stomach

Indication of Immediate Medical Attention and Special Treatment Needed, If Necessary

Specific Treatments: No specific treatment

Section 5 – Fire Fighting Measures

Suitable Extinguishing Media

Use an extinguishing agent suitable for the surrounding fire.

Unsuitable Extinguishing Media: No data available.

Specific Hazards Arising from the Chemical

No data available

Protective Equipment and Precautions for Firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, NIOSH approved and full protective gear. Keep upwind of the fire.

Section 6 –Accidental Release Measures

STEPS TO BE TAKEN IN THE EVENT OF SPILLS, LEAKS, OR RELEASES

Personal Precautions, Protective Equipment and Emergency Procedures

Personal Precautions No action shall be taken involving any personal risk or without suitable training. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Avoid breathing vapor or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment.

Methods and Material for Containment and Cleaning Up

Methods for Containment: Prevent further leakage or spillage if safe to do so. Prevent discharge to the environment. Pick up and arrange for disposal without creating dust.

Methods for Cleaning Up: Use non-combustible material like vermiculite, sand or earth to soak up the product and place into a suitable container for later disposal. Do not absorb in sawdust or other combustible absorbents.

Section 7 – Handling & Storage

Precautions for Safe Handling

Advice on Safe Handling: Handle in accordance with good industrial hygiene and safety practice. Do not ingest. Avoid contact with eyes, skin and clothing. Avoid breathing vapor or mist. Wash face, hands and any exposed skin thoroughly after handling. Use personal protection recommended in Section 8.

Conditions for Safe Storage, Including any Incompatibilities

Storage Conditions: Store only in original container. Keep containers tightly closed.

Section 8 – Exposure Controls/ Personal Protection

Exposure Guidelines:

Chemical Name	CAS #	ACGIH TLV	OSHA PEL	NIOSH
Tetrasodium ethylenediamine tetraacetate	64-02-8	No exposure limits	No exposure limits	No exposure limits
sodium metasilicate	6834-92-0	No exposure limits	No exposure limits	No exposure limits
Nonylphenol, ethoxylated	127087-87-0	No exposure limits	No exposure limits	No exposure limits
sodium xylene sulfonate	1300-72-7	No exposure limits	No exposure limits	No exposure limits
Sodium nitrite	7632-00-0	No exposure limits	No exposure limits	No exposure limits

Engineering Controls: Good general ventilation should be sufficient to control worker exposure to airborne contaminants.

Respiratory Protection: Use a properly fitted, air-purifying or supplied air respirator complying with an approved standard if a risk assessment indicates this is necessary. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator.

Eye Protection: Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases or dusts. If contact is possible, the following protection should be worn, unless the assessment indicates a higher degree of protection: chemical splash goggles.

Hand Protection: Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary.

Skin Protection: Prevent contact with shoes and clothing; use rubber apron and overshoes.

Other Protective Equipment: Eye wash stations and emergency showers should be available. The type and degree of personal protective equipment appropriate will depend on the specific work operation. Inspect and replace personal protective equipment at regular intervals; use professional care in their selection, use and care.

Section 9 – Physical & Chemical Properties

Information on Basic Physical and Chemical Properties

Physical State	Liquid
Color	Pink
<u>Property</u>	<u>Values</u>
pH	No data available
Melting Point/Freezing Point	No data available
Boiling Point/Boiling Range	100 ° C (212 ° F)
Flash Point	None
Evaporation Rate	No data available

Flammability (Solid, Gas)	n/a-liquid
Upper Flammable Limits	Not Flammable
Lower Flammable Limits	Not Flammable
Vapor Pressure	No data available
Vapor Density	No data available
Specific Gravity	1.05
Water Solubility	Soluble in Water
Solubility in Other Solvents	No data available
Partition Coefficient	No data available
Autoignition Temperature	No data available
Decomposition Temperature	No data available
Kinematic Viscosity	No data available
Dynamic Viscosity	No data available
Explosive Properties	Not an Explosive
Oxidizing Properties	No data available
Odor	Mild
Odor Threshold	No data available

Section 10 – Stability & Reactivity

Stability: STABLE

Conditions to Avoid: Extreme heat or freezing temperatures.

Incompatible Materials: Strong oxidizing agents, amphoteric metals.

Hazardous Decomposition Products: Carbon oxides

Hazardous Polymerization: Will not occur.

Section 11 - Toxicological information

Information on Likely Routes of Exposure

Product Information

Inhalation: Avoid breathing vapors or mists.

Eye Contact: Causes eye damage.

Skin Contact: Avoid contact with skin. Causes burns.

Chemical Name	CAS #	Oral LD50	Dermal LD50	Inhalation LC50
Tetrasodium ethylenediamine tetraacetate	64-02-8	3030 mg/kg (Rat)	>5000 mg/kg (Rabbit)	No data available
sodium metasilicate	6834-92-0	600 mg/kg (Rat)	No data available	No data available
Nonylphenol, ethoxylated	127087-87-0	>3310 ml/kg (Rat)	>2000 ml/kg (Rabbit)	No data available
sodium xylene sulfonate	1300-72-7	>7200 mg/kg (Rat)	>2000 ml/kg (Rabbit)	>6.41 mg/l (Rat)
Sodium nitrite	7632-00-0	180 mg/kg (Rat)	No data available	5.5 mg/l (Rat)

Chemical Name	Tetrasodium ethylenediamine tetraacetate	sodium metasilicate	Nonylphenol, ethoxylated
Skin corrosion/irritation	skin irritation & burns	Skin burns	skin irritation
Serious eye damage/irritation	Severe eye irritation	Severe eye irritation	Serious eye irritation
Respiratory or skin sensitization	No data available	No data available	Not a sensitizer.
Mutagenicity	negative	negative	No data available
Carcinogenicity	negative	Not classified	Not considered a carcinogen
Reproductive toxicity	No data available	No data available	Not expected to cause.
Specific target organ toxicity-Single exposure	No data available	Respiratory tract irritation	Not classified.
Specific target organ toxicity-repeated exposure	No data available	No data available	Not classified.
Aspiration hazard	Aspiration hazard.	No data available	Not an aspiration hazard.

Chemical Name	sodium xylene sulfonate	Sodium nitrite
Skin corrosion/irritation	Mild irritant	Not classified
Serious eye damage/irritation	moderate irritant	Serious eye irritation
Respiratory or skin sensitization	Not a sensitizer	Not classified
Mutagenicity	negative	Not classified
Carcinogenicity	Not considered a carcinogen	Not classified
Reproductive toxicity	No data available	Not classified
Specific target organ toxicity-Single exposure	No data available	Not classified
Specific target organ toxicity-repeated exposure	No data available	Not classified
Aspiration hazard	No data available	Not classified

Section 12 - Ecological information

Product/ingredient name	Algae/aquatic plants	Fish	Aquatic invertebrates
Tetrasodium ethylenediamine tetraacetate	No data available	Pimephales promelas (fathead minnow) - >100 mg/l - 96 h	No data available
sodium metasilicate	No data available	No data available	No data available
Nonylphenol, ethoxylated	No data available	No data available	No data available
sodium xylene sulfonate	EC50 Algae, >230 mg/l 96 h	LC50 Fish, >1000 mg/l 96 h	EC50 Daphnia, >1000mg/l 48 h
Sodium nitrite	No data available	LC50 Fish, 0.19 mg/l 96 h	No data available

Persistence and Degradability

No data available

Bioaccumulation

No data available

Mobility

No data available

Section 13 - Disposal considerations

WASTE DISPOSAL METHOD

Dispose of contents/container to an approved waste treatment and disposal facility in accordance with applicable laws and regulations, and product characteristics at time of disposal.

Section 14 - Transport information

DOT Proper Shipping Description:

Parts cleaning Liquid, Not regulated as dangerous goods.

Section 15 - Regulatory information

SARA Title III Section 311/312 (40CFR370): Acute and chronic health hazard

SARA Title III Section 313 (40CFR372): This product does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by section 313 of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR part 372

RCRA Status(40CFR261.33): Not listed

TSCA Inventory Status: Included

OSHA/NTP/IARC Carcinogen Status: Not listed

Canadian DSL Status: Included

Chemicals Known to the State of California to Cause Cancer or Reproductive Toxicity:

⚠ WARNING: This product can expose you to chemicals including Ethylene oxide which is known to the State of California to cause cancer and reproductive harm. For more information go to, www.P65Warnings.ca.gov

U.S. State Right-to-Know Regulations

Chemical Name	New Jersey	Massachusetts	Pennsylvania
Tetrasodium ethylenediamine tetraacetate	Not regulated	Not regulated	Not regulated
sodium metasilicate	Not regulated	Not regulated	Not regulated
Nonylphenol, ethoxylated	Not regulated	Not regulated	Not regulated
sodium xylene sulfonate	Not regulated	Not regulated	Not regulated
Sodium nitrite	X	X	X

Section 16 - Other information

HMIS ratings: Health: 2
 Flammability: 0
 Reactivity: 0

Indication of changes: Revision – 3 Revised
Date Sheet Prepared: 03/19/2020
Other information: Author – EHS Administrator

The information herein is presented in good faith and believed to be correct as of the date hereof. However, the manufacturer makes no representation as to the completeness and accuracy thereof. Users must make their own determination as to the suitability of the product for their purposes prior to use.

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END OF SDS