

**SAFETY DATA SHEET**

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

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**Section 1 - Product & Company Identification**

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**Product identifier**

Product name: AZ-4 VIBRATORY FINISHING COMPOUND

Product form: Liquid

Other means of identification: BKS-60-048

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

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**Section 2 – Hazards Identification**

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**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.

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**Section 3 –Composition/Information on ingredients**

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**Mixture**

<b>Name</b>	<b>CAS#</b>	<b>%</b>
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

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

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**Section 4 – First Aid Measures**

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**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

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**Section 5 – Fire Fighting Measures**

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**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.

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**Section 6 –Accidental Release Measures**

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**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.

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**Section 7 – Handling & Storage**

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**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.

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## Section 8 – Exposure Controls/ Personal Protection

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### Exposure Guidelines:

<b>Chemical Name</b>	<b>CAS #</b>	<b>ACGIH TLV</b>	<b>OSHA PEL</b>	<b>NIOSH</b>
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

**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.

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## Section 9 – Physical & Chemical Properties

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### Information on Basic Physical and Chemical Properties

<b>Physical State</b>	Liquid
<b>Color</b>	Green
<b><u>Property</u></b>	<b><u>Values</u></b>
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

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### Section 10 – Stability & Reactivity

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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.

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### Section 11 - Toxicological information

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#### 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)

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

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## Section 12 - Ecological information

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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

**Persistence and Degradability**

No data available

**Bioaccumulation**

No data available

**Mobility**

No data available

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**Section 13 - Disposal considerations**

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**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.

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**Section 14 - Transport information**

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**DOT Proper Shipping Description:**

Parts cleaning Liquid, Not regulated as dangerous goods.

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**Section 15 - Regulatory information**

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**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](http://www.P65Warnings.ca.gov)

**U.S. State Right-to-Know Regulations**

<b>Chemical Name</b>	<b>New Jersey</b>	<b>Massachusetts</b>	<b>Pennsylvania</b>
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

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**Section 16 - Other information**

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

Indication of changes: Revision – 2 Revised section 15  
Date Sheet Prepared: 05/21/2019  
Other information: Author – EHS Administrator

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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.

No representations or warranty's, either express or implied of merchantability, fitness for a particular purpose or of any other nature with respect to the product or to the information herein is made hereunder. The manufacturer shall in no event be responsible for any damages of whatsoever nature directly or indirectly resulting from the publication or use of or reliance upon information contained herein.

**END OF SDS**