

Chem-X M-Shine (100:1)

Official Safety Data Sheet (SDS)

1. Product and Company Identification

Product Identifier

Trade Name: Chem-X M-Shine (100:1)
Item Number(s): 2615 AC

Relevant Identified Uses of the Substance or Mixture:

Cleaning & Restoration of Aluminum

Restrictions on Use: For Industrial Use Only

Manufacturer/Supplier:

Chem-X

270 Main St, Unit X
Agawam, MA 01001
(800) 624-5403

**FOR EMERGENCIES INVOLVING A SPILL, LEAK, FIRE, EXPOSURE
OR ACCIDENT CONTACT: INFOTRAC (800-535-5053)**

2. Hazards(s) Identification

GHS Classification and Label Elements of the Product



DANGER

Category

1

Signal Word

Danger

H314:

Hazard Statement

Causes severe skin burns and eye damage.

Prevention

P260:	Do not breathe dust/fume/gas/mist/vapours/spray.
P264:	Wash hands thoroughly after handling.
P280:	Wear protective gloves/protective clothing/eye protection/face protection.

Response

P301+P330+P331:	IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
P303+P361+P353:	IF ON SKIN (or hair): Remove/take off immediately all contaminated clothing. Rinse skin with water/shower.
P363:	Wash contaminated clothing before reuse.
P304+P340+P310:	IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Immediately call a POISON CENTER or doctor/physician.
P305+P351+P338:	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.



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Official Safety Data Sheet (SDS)

Storage

P405: Store locked up.

Disposal

P501: Dispose of contents/container according to local/regional regulations.

3. Composition/Information on Ingredients

Component Name	CAS #	Concentration % by Weight	GHS Hazard Codes
Phosphoric Acid	7664-38-2	10-20%	H314
Proprietary Solvent Blend	Proprietary	2-9%	H227, H302, H312, H332, H315, H319, H335

4. First Aid Measures

Inhalation: Remove victim to fresh air. Administer oxygen if breathing is difficult. Seek medical attention if respiratory irritation or distress continues.

Skin Contact: Wash immediately with water for no less than 15 minutes. Do not apply neutralizing agents. Remove clothing unless it sticks to skin. Wash contaminated clothing before reuse. Cover wounds with sterile bandage. Consult a doctor/physician.

Eye Contact: Flush with a gentle, steady stream of water for at least 15 minutes. Seek medical attention.

Ingestion: Do **NOT** induce vomiting. If victim is conscious and alert, give lots of water to drink. Do not give anything by mouth to an unconscious person. Do not leave victim unattended. Immediately call a **POISON CENTER** or doctor/physician.

5. Fire Fighting Measures

Suitable Extinguishing Media: Dry chemical, carbon dioxide, foam, water spray.

Specific Fire Fighting Measures: Apply water from a safe distance to cool and protect surrounding area.

Unusual Fire and Explosion Hazards: N/A

Special Protective Equipment and Precautions for Fire Fighters:

Wear self-contained breathing apparatus.

6. Accidental Release Measures

Personal Precautions, Protective Equipment and Emergency Procedures | Wear proper protective equipment. Dispose according to State, Federal and Local regulations.

Environmental Precautions: Avoid runoff to waterways and sewers.

7. Handling and Storage

Precautions for Safe Handling:

Protect against physical damage.

Store in a cool, dry, well ventilated location away from heat/sparks/open flame.

Separate from incompatibles (bases & alkali's).

Keep containers tightly closed. Do not store in unlabeled or mislabeled containers.



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8. Exposure Controls / Personal Protection

Airborne Exposure Limits:

	OSHA PEL (TWA)	US IDLH	NIOSH REL (TWA)	NIOSH REL (STEL)
Phosphoric Acid:	1 mg/m ³	1000 mg/m ³	1 mg/m ³	3 mg/m ³

Eye Protection: Wear splash-proof goggles and/or face shield. Keep eye-wash bottle with pure water on site.

Skin Protection: Wear protective clothing including gloves, lab coat, apron or coveralls, as appropriate, to minimize skin contact.

General Industrial Hygiene Practices:

Wash with soap and water before meals and at the end of each work shift. Good manufacturing practices require amounts of any chemical be removed from the skin as soon as practical, especially before eating or smoking.

9. Physical and Chemical Properties

Appearance:	Liquid, Colorless	Viscosity:	Unknown	Odor:	None
Odor Threshold:	Unknown	Relative Density:	1.13	pH:	1-2
Melting Point:	N/A	Partition coefficient: n-octanol/water	N/A	Freezing Point:	N/A
Initial Boiling Point:	~107°C	Decomposition Temperature:	Unknown	Boiling Range:	Unknown
Flash Point:	N/A	Vapor Density:	N/A	Evaporation Rate:	1
Flammability, Solid:	Unknown	Solubility	100%	Flammability, Gas:	Unknown
Lower Explosive Limit:	N/A	Auto-Ignition Temperature:	N/A	Upper Explosive Limit:	N/A
Vapor Pressure:	N/A				

10. Stability and Reactivity

Stability: This product is stable under normal handling and storage conditions.

11. Toxicological Information

Toxicological Data: No toxicity data available.

12. Ecological Information

Ecological Data: Slightly harmful to aquatic organisms due to pH shift. Insufficient data available. May cause eutrophication. Toxic to plankton. Slightly harmful to bacteria. Not bioaccumulative. Avoid release to the environment.

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13. Disposal Considerations

Waste Disposal: Dispose according to Federal, State and Local regulations.

Do not dispose of waste into sewer. Do not contaminate ponds, waterways or ditches with chemical or used container.

EPA Hazardous Waste: "C" Corrosive

14. Transport Information

US Department of Transportation : Regulated
Transport Document Description : UN 1805 Phosphoric Acid Solution, 8, III
ID Number : UN1805
Hazard Class : 8 – Class 8 – Corrosive Material
Packing Group : III – Minor Danger

IMDG

UN Number : UN 1805
Proper Shipping Name : Phosphoric Acid Solution
Hazard Class : 8
Packing Group : III

IATA

UN Number : UN 1805
Proper Shipping Name : Phosphoric Acid Solution
Hazard Class : 8
Packing Group : III

15. Regulatory Information

Inventory Status: All components included on TSCA, DSL, EINECS/ELINCS, AICS, MITI, KECL inventory lists.

Federal Regulations: All functional components of this product are listed on the TSCA inventory.

Phosphoric Acid Reportable Quantity: 5000 lb (section 304 of EPA's List of Lists)

16. Other Information

This information is furnished without warranty, expressed or implied, and is believed to be accurate to the best knowledge of Chem-X. The data on this SDS relates only to the specific material design herein. Chem-X assumes no legal responsibility for use or reliance upon this data. This product has been classified according to the hazard criteria of the CPR and the SDS contains all the information required by the CPR.