

1. PRODUCT AND COMPANY IDENTIFICATION

Product Identifier

Product Name Aldon "Grout Residue Remover"

Other Means of Identification

SDS # Aldon "Grout Residue Remover"

Recommended Use of the Chemical and Restrictions on Use

Recommended Use Remove cement paste stains

Details of the Supplier of the Safety Data Sheet

Supplier Address

Aldon Corporation
P.O. Box 1030
Whitefish, MT 59937
Telephone: 352-323-3500

Emergency Telephone: 800-535-5053 352-323-3500

Website: www.aldonchem.com

2. HAZARDS IDENTIFICATION

Classification

Serious Eye Damage/Eye Irritation	Category 2B
Skin corrosion/irritation	Category 3

Signal Word

Warning

Pictogram



Hazard Statements

Harmful if swallowed
May be harmful in contact with skin
Causes mild skin irritation
Causes eye irritation

Physical State Liquid

Precautionary Statements - Prevention

Use personal protective equipment as required.

Precautionary Statements - Response

Wash face, hands and any exposed skin thoroughly after handling.

Call a POISON CENTER or doctor/physician if you feel unwell.

If skin irritation occurs: Get medical advice/attention.

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

If eye irritation persists: Get medical advice/attention.

Wash face, hands and any exposed skin thoroughly after handling.

Call a POISON CENTER or doctor/physician if you feel unwell.

If skin irritation occurs: Get medical advice/attention.

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

If eye irritation persists: Get medical advice/attention.

Precautionary Statements - Disposal

Dispose of contents/container to an approved waste disposal plant

Other Hazards

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS No	Weight-%
Hydrochloric Acid	7647-01-0	<17%
Phosphoric Acid	7664-38-2	<11%

4. FIRST AID MEASURES

First Aid Measures

Inhalation	Remove to fresh air. If symptoms persist, call a physician.
Eye Contact	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention if irritation persists.
Ingestion	Rinse mouth. Call a POISON CENTER or doctor/physician if you feel unwell.
Skin Contact	Wash with plenty of water. If skin irritation persists, call a physician.

Most Important Symptoms and Effects, both Acute and Delayed

Symptoms	May cause eye irritation with reddening and watering. May cause gastrointestinal irritation, nausea, diarrhea, and vomiting.
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Indication of any Immediate Medical Attention and Special Treatment Needed

Note to Physicians	Treat symptomatically.
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5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Unsuitable Extinguishing Media Not determined.

Specific Hazards Arising from the Chemical

Non-flammable.

Protective Equipment and Precautions for Firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment and Emergency Procedures

Personal Precautions Use personal protective equipment as required.

Methods and Material for Containment and Cleaning Up

Methods for Containment Prevent further leakage or spillage if safe to do so.

Methods for Cleaning Up Keep in suitable, closed containers for disposal.

7. HANDLING AND STORAGE

Precautions for Safe Handling

Advice on Safe Handling Handle in accordance with good industrial hygiene and safety practice. Wash face, hands, and any exposed skin thoroughly after handling. Do not eat, drink or smoke when using this product. Use personal protection recommended in Section 8.

Conditions for Safe Storage, Including any Incompatibilities

Storage Conditions Keep containers tightly closed in a dry, cool and well-ventilated place.

Incompatible Materials metal

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Guidelines

Contains no substances with occupational exposure limit values.

Appropriate Engineering Controls

Engineering Controls Provide adequate ventilation. Eyewash stations.

Individual Protection Measures, such as Personal Protective Equipment

Eye/Face Protection Wear approved safety goggles where a splash hazard exists.

Skin and Body Protection Wear suitable protective clothing.

Respiratory Protection Ensure adequate ventilation, especially in confined areas.

General Hygiene Considerations Handle in accordance with good industrial hygiene and safety practice.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on Basic Physical and Chemical Properties

Physical State	Liquid	Odor	None
Appearance	Clear Liquid	Odor Threshold	Not determined
Color	Clear		

Property	Values	Remarks • Method
pH	<1	
Melting Point/Freezing Point	0°C Water	
Boiling Point/Boiling Range	Approx. 212	
Flash Point	No flash to 212 F	

Property	Values	Remarks • Method
Evaporation Rate	1 Water=1	
Flammability (Solid, Gas)	n/a-liquid	
Upper Flammability Limits	Not determined	
Lower Flammability Limit	Not determined	
Vapor Pressure	20 mmHg @ 25°C	
Vapor Density	1 Air=1	
Specific Gravity	Not determined	
Water Solubility	Soluble in water	
Solubility in Other Solvents	Not determined	
Partition Coefficient	Not determined	
Autoignition Temperature	Not determined	
Decomposition Temperature	Not determined	
Kinematic Viscosity	Not determined	
Dynamic Viscosity	Not determined	
Explosive Properties	Not an explosive	
Oxidizing Properties	Not determined	

10. STABILITY AND REACTIVITY

Reactivity

Avoid elevated temperatures – HCL gas is released

Chemical Stability

Stable under recommended storage conditions.

Possibility of Hazardous Reactions

None under normal processing.

Conditions to Avoid

Keep out of reach of children. Avoid elevated temperatures – HCL gas is released

Incompatible Materials

Strong alkalis and metals

Hazardous Decomposition Products

Hydrochloric acid fumes

11. TOXICOLOGICAL INFORMATION

Information on Likely Routes of Exposure

Product Information

Inhalation	Avoid breathing vapors or mists.
Eye Contact	Causes eye irritation
Skin Contact	Avoid contact with skin.
Ingestion	Harmful if swallowed.

Component Information

Chemical Name	Oral LD50		
Water	n/a		
Hydrochloric Acid	700 mg/kg		
Phosphoric Acid	1530 mg/kg		

Information on Physical, Chemical and Toxicological Effects

Symptoms Please see section 4 of this SDS for symptoms.

Delayed and Immediate Effects as well as Chronic Effects from Short and Long-term Exposure

Carcinogenicity This product does not contain any carcinogens or potential carcinogens as listed by OSHA, IARC or NTP.

Numerical Measures of Toxicity

Not determined

12. ECOLOGICAL INFORMATION

Ecotoxicity

There is no data available for this product as a whole.

Chemical Name	Algae/aquatic plants	Fish	Toxicity to Microorganisms	Crustacea

Persistence and Degradability

Not determined

Bioaccumulation

Not determined

Mobility

Chemical Name	Partition Coefficient

Other Adverse Effects

Not determined

13. DISPOSAL CONSIDERATIONS

Waste Treatment Methods

Disposal of Wastes

Disposal should be in accordance with applicable regional, national and local laws and regulations.

Contaminated Packaging

Disposal should be in accordance with applicable regional, national and local laws and regulations.

14. TRANSPORT INFORMATION

Note

Please see current shipping paper for most up to date shipping information, including exemptions and special circumstances.

DOT

Consumer Commodity ORMd

IATA

IMDG

15. REGULATORY INFORMATION

International Inventories

Not Determined

Legend:

- TSCA - United States Toxic Substances Control Act Section 8(b) Inventory*
- DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List*
- EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances*
- ENCS - Japan Existing and New Chemical Substances*
- IECSC - China Inventory of Existing Chemical Substances*
- KECL - Korean Existing and Evaluated Chemical Substances*
- PICCS - Philippines Inventory of Chemicals and Chemical Substances*

US Federal Regulations

SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain a chemical or chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

Chemical Name	CAS No	Weight-%	SARA 313 - Threshold Values %

US State Regulations

U.S. State Right-to-Know Regulations

Chemical Name	New Jersey	Massachusetts	Pennsylvania

16. OTHER INFORMATION

NFPA	Health Hazards	Flammability	Instability	Special Hazards
	1	0	0	None Known
HMIS	Health Hazards	Flammability	Physical Hazards	Personal Protection
	1	0	0	B

Revision Note

New Format

Disclaimer

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End of Safety Data Sheet