

ACP- 115 - Delimer

Date: 08/14/2024

1. PRODUCT AND COMPANY IDENTIFICATION

Product Identifier

Product Name Delimer

Other Means of Identification

Product Code ACP-115

Recommended Use of the Chemical and Restrictions on Use

Recommended Use Lime, scale, rust, mineral deposit remover. Cleans & Brightens.

Details of the Supplier of the Safety Data Sheet

Manufacturer Address Arrow Chemical Products, Inc.
5933 W. KL Ave
Kalamazoo, MI 49009

Emergency Telephone Number

Company Phone Number 313-237-0277
Emergency Telephone INFOTRAC 1-352-323-3500 (International)
1-800-535-5053 (North America)

2. HAZARDS IDENTIFICATION

Classification

Acute toxicity- Inhalation (Dusts/Mists)	Category 4
Skin Corrosion/ Irritation	Category 1 Sub-category C
Serious Eye Damage/ Eye Irritation	Category 1

Signal Word

DANGER

Hazard Statements

CORROSIVE. May be harmful if swallowed or inhaled. Causes severe skin burns and eye damage. May be corrosive to metals.



Appearance: Clear Liquid

Physical State: Liquid

Odor: Mild Acid/Detergent odor

Precautionary Statements - Prevention

Do not breathe vapor or mist. Do not ingest. Do not eat, drink or smoke when using this product. Wear protective gloves/protective clothing/eye protection/face protection. Wash thoroughly after handling. Use in well-ventilated areas.

Information on Basic Physical and Chemical Properties

Physical State	Liquid	Odor	Mild acid/detergent
Appearance	Clear Liquid	Odor Threshold	N/A
Color	Clear		

<u>Property</u>	<u>Values</u>	<u>Remarks • Method</u>
pH	< 1.0	
Melting Point/Freezing Point	N/A	
Boiling Point/Boiling Range	N/A	
Flash Point	N/A	
Evaporation Rate	(Water = 1): 1	
Flammability (Solid, Gas)	N/A	
Upper Flammability Limits	N/A	
Lower Flammability Limit	N/A	
Vapor Pressure	N/A	
Vapor Density	N/A	
Specific Gravity	1.18	
Water Solubility	Completely soluble.	
Solubility in Other Solvents	N/A	
Partition Coefficient	N/A	
Auto ignition Temperature	N/A	
Decomposition Temperature	N/A	

10. STABILITY AND REACTIVITY

Chemical Stability

Stable under recommended storage conditions.

Possibility of Hazardous Reactions

Under normal conditions of storage and use, hazardous reactions will not occur.

Conditions to Avoid

Contact with alkaline materials, reactive metals, and direct sunlight.

Incompatible Materials

Reacts violently with strong alkalis, producing heat. Contact with many metals may result in severe corrosion attack of the metal and liberation of hydrogen gas. Strong acids, strong bases.

Hazardous Decomposition Products

Heating phosphoric acid to decomposition yields toxic phosphorous pentoxide fumes.

11. TOXICOLOGICAL INFORMATION

Information on Likely Routes of Exposure

Inhalation	Harmful if inhaled.
Eye Contact	Causes severe eye damage.
Skin Contact	Causes severe skin burns.
Ingestion	Can cause irritation and corrosive burns to mouth, throat, and stomach.

Component Information

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Phosphoric Acid 7664-38-2	3500 mg/kg (rat)	>1260 mg/kg (rat)	-
Hydrochloric Acid 7647-01-0	900 mg/kg (rabbit)	-	1108 ppm (1 hour, mouse)

Information on Physical, Chemical and Toxicological Effects

Symptoms May cause eye burns and permanent eye damage. Prolonged contact may even cause severe skin irritation or mild burns. May cause irritation to the mucous membranes and upper respiratory tract.

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 ACGIH, OSHA, IARC or NTP.

12. ECOLOGICAL INFORMATION

Ecotoxicity

Persistence and Degradability Not Determined

Bioaccumulation Not Determined

Mobility Not Determined.

Other Adverse Effects. Not Determined

13. DISPOSAL CONSIDERATIONS

Waste Treatment Methods

Disposal of Wastes Do not reuse container. Triple rinse empty container with water. Plastic containers may be offered for recycling. Waste must be disposed of in accordance with federal, state and local environmental control regulations.

Contaminated Packaging Do not reuse container. Triple rinse empty container with water. Plastic containers may be offered for recycling.

14. TRANSPORT INFORMATION

Note 4/Gal Cases: DOT Packaging Exceptions (49 CFR 173.154) LTD, QTY.

DOT

UN/ID No UN1760
Proper Shipping Name Corrosive Liquid, n.o.s. (Phosphoric acid)
Hazard Class 8
Packing Group III

IATA

UN/ID No UN1760
Proper Shipping Name Corrosive Liquid, n.o.s. (Phosphoric acid)
Hazard Class 8
Packing Group III
DOT Quantity Limits Passenger Air 5 L

DOT Quantity Limits Cargo Air 60 L

IMDG

UN/ID No UN1760
 Proper Shipping Name Corrosive Liquid, n.o.s. (Phosphoric acid)
 Hazard Class 8
 Packing Group III
 DOT Vessel Stowage Location A – May be stowed “on deck” or “under deck” on a cargo & passenger vessel

15. REGULATORY INFORMATION

International Inventories

TSCA Listed
 DSL Listed

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

CERCLA Reportable Quantity The following components are listed:

Chemical Name	CAS Number	CERCLA RQ
Phosphoric Acid	7664-38-2	5000 lbs.
Hydrochloric Acid	7647-01-0	5000 lbs.

SARA 313 No chemical (s) components of this product are subject to reporting levels established by SARA Title III, Section 313.

US State Regulations

U.S. State Right-to-Know Regulations

Chemical Name	New Jersey	Massachusetts	Pennsylvania
Phosphoric Acid 7664-38-2	X	X	X
Hydrochloric Acid 7647-01-0	X	X	X

16. OTHER INFORMATION

<u>NFPA</u>	Health Hazards 2	Flammability 0	Reactivity 0	Special Hazards Not Determined
<u>HMIS</u>	Health Hazards 2	Flammability 0	Reactivity 0	Personal Protection D

Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. 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 relates 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 in the text.

End of Safety Data Sheet