

SAFETY DATA SHEET

Value Guard Delimer

Page: 1 of 5

Revision: 03/04/2015

Distributor: International Market Brands 21500 Alexander Road, Cleveland, OH 44146 (440)439-0600

1. Product and Company Identification

Product Code: 4503
Product Name: Value Guard Delimer
Company Name: PDQ Manufacturing, Inc. **Phone Number:**
201 Victory Circle (706)636-1848
Ellijay, GA 30540
Web site address: www.pdqonline.com
Emergency Contact: Chemtrec, Use Company Code: A814 (800)424-9300
Information: info@pdqonline.com (706)636-1848

2. Hazards Identification

Skin Corrosion/Irritation, Category 1C**Serious Eye Damage/Eye Irritation, Category 2A**

GHS Signal Word: **Danger**

GHS Hazard Phrases: H314 - Causes severe skin burns and eye damage.
H319 - Causes serious eye irritation.

GHS Precaution Phrases: 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.

GHS Response Phrases: P301+330+331 - IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
P303+361+353 - IF ON SKIN (or hair): Remove/take off immediately all contaminated clothing. Rinse skin with water/shower.
P304+340 - IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
P305+351+338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Call a poison control center or physician for treatment advise. Have product container or label with you when calling poison control center or physician.
P310 - Immediately call a POISON CENTER or doctor/physician.
P321 - Specific treatment see ... on this label.
P337+313 - If eye irritation persists, get medical advice/attention.
P363 - Wash contaminated clothing before reuse.

GHS Storage and Disposal Phrases: P405 - Store locked up.
P501 - Unused product is not a RCRA Hazardous waste. However, contaminated product and wastes may be RCRA hazardous. Users are advised to determine the appropriate disposal method based on local, state and federal regulations and comply with those regulations.

Potential Health Effects (Acute and Chronic): Hazards not otherwise classified (HNOC) or not covered by GHS.
Chronic: None.

Inhalation: No hazard expected in normal industrial use.

Skin Contact: Non-irritating to the skin.

Eye Contact: Non-irritating to the eyes.

Ingestion: No hazard expected in normal industrial use.

3. Composition/Information on Ingredients

CAS #	Hazardous Components (Chemical Name)	Concentration
7647-01-0	Hydrochloric acid {Hydrogen chloride}	5.0 -15.0 %

4. First Aid Measures

Emergency and First Aid Procedures:	Consult a physician. Show this safety data sheet to the doctor in attendance. Move out of dangerous area.
In Case of Inhalation:	If breathed in, move person into fresh air. Consult a physician.
In Case of Skin Contact:	Wash off with soap and plenty of water. Consult a physician.
In Case of Eye Contact:	Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician. Continue rinsing eyes during transport to hospital.
In Case of Ingestion:	Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.
Signs and Symptoms Of Exposure:	The most important known symptoms and effects are described in the labelling (see section 2.2) and/or in section 11
Note to Physician:	None known.

5. Fire Fighting Measures

Flash Pt:	NA	Method Used:	Estimate
Explosive Limits:	LEL:	UEL:	
Autoignition Pt:			
Suitable Extinguishing Media:	Use water spray, dry chemical, carbon dioxide, or alcohol-resistant foam.		
Fire Fighting Instructions:	Wear self contained breathing apparatus for fire fighting if necessary. Further information. As in any fire, wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH (approved or equivalent), and full protective gear. Material will not burn.		

Flammable Properties and Hazards:

6. Accidental Release Measures

Protective Precautions, Protective Equipment and Emergency Procedures:	Use personal protective equipment. Avoid breathing vapors, mist or gas. Ensure adequate ventilation. For personal protection see section 8.
Environmental Precautions:	Do not let product enter drains.
Steps To Be Taken In Case Material Is Released Or Spilled:	Soak up with inert absorbent material and dispose of as hazardous waste. Keep in suitable, closed containers for disposal. Use proper personal protective equipment as indicated in Section 8. Spills/Leaks: Absorb spill with inert material (e.g. vermiculite, sand or earth), then place in suitable container.

7. Handling and Storage

Precautions To Be Taken in Handling:	Avoid contact with skin and eyes. Avoid inhalation of vapor or mist. For precautions see section 2. No special handling procedures are required.
Precautions To Be Taken in Storing:	Keep container tightly closed in a dry and well-ventilated place. Handle and open container with care.

8. Exposure Controls/Personal Protection

CAS #	Partial Chemical Name	OSHA TWA	ACGIH TWA	Other Limits
7647-01-0	Hydrochloric acid {Hydrogen chloride}	CEIL: 5 ppm	CEIL: 2 ppm)	
Respiratory Equipment (Specify Type):	Where risk assessment shows air-purifying respirators are appropriate use a full-face respirator with multi- purpose combination (US) or type ABEK (EN 14387) respirator cartridges as a backup to engineering controls. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).			
Eye Protection:	Safety glasses with side-shields conforming to EN166.			
Protective Gloves:	Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands. Full contact: Material: Nitrile rubber Minimum layer thickness: 0.11 mm. Break through time: 480 min. Material: Nitrile rubber. Minimum layer thickness: 0.11 mm Break through time: 480 min. If used in solution, or mixed with other substances, and under conditions which differ from EN 374, contact the supplier of the CE approved gloves. This recommendation is advisory only and must be evaluated by an industrial hygienist and safety officer familiar with the specific situation of anticipated use by our customers. It should not be construed as offering an approval for any specific use scenario. Protective garments not normally required.			
Other Protective Clothing:	Impervious clothing.			
Engineering Controls (Ventilation etc.):	There are no special ventilation requirements.			
Work/Hygienic/Maintenance Practices:	Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.			
Environmental Exposure Controls:	Do not let product enter drains.			

9. Physical and Chemical Properties

Physical States:	[] Gas [X] Liquid [] Solid		
Appearance and Odor:	Clear dark purple liquid Acidic sweet odor.		
Melting Point:	NA		
Boiling Point:	- 100.00 C		
Autoignition Pt:			
Flash Pt:	NA Method Used: Estimate		
Explosive Limits:	LEL:		UEL:
Specific Gravity (Water = 1):	~ 1.1		
Vapor Pressure (vs. Air or mm Hg):			
Vapor Density (vs. Air = 1):			
Evaporation Rate:			
Solubility in Water:	Complete		

Viscosity: Thin
pH: < 2
Percent Volatile:

10. Stability and Reactivity

Stability: Unstable [] Stable [X]
Conditions To Avoid -
Instability:
Incompatibility - Materials To Avoid: Strong bases, Chlorine Bleach.
Hazardous Decomposition Or Byproducts: Hydrogen chloride gas.
Possibility of Hazardous Reactions: Will occur [] Will not occur [X]
Conditions To Avoid -
Hazardous Reactions:

11. Toxicological Information

Toxicological Information: Germ cell mutagenicity. No data available.
Reproductive toxicity. Aspiration hazard: Epidemiology: Teratogenicity: No data available.
Reproductive Effects: Neurotoxicity: Other Studies:
Irritation or Corrosion: Skin corrosion/irritation. No data available.
Serious eye damage/eye irritation:
Sensitization: No data available.
Chronic Toxicological Effects: Specific target organ toxicity - single exposure: No data available.
Specific target organ toxicity - repeated exposure:
Carcinogenicity/Other Information: IARC: 3 -Group 3: Not classifiable as to its carcinogenicity to humans. NTP: No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP. OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA. CAS# 7732-18-5: Not listed by ACGIH, IARC, NTP, or CA Prop 65.

CAS #	Hazardous Components (Chemical Name)	NTP	IARC	ACGIH	OSHA
7647-01-0	Hydrochloric acid {Hydrogen chloride}	n.a.	3	A4	n.a.

12. Ecological Information

Results of PBT and vPvB assessment: PBT/vPvB assessment not available as chemical safety assessment not required/not conducted.

13. Disposal Considerations

Waste Disposal Method: Product.
Offer surplus and non-recyclable solutions to a licensed disposal company. Contact a licensed professional waste disposal service to dispose of this material. Dissolve or mix the material with a combustible solvent and burn in a chemical incinerator equipped with an afterburner and scrubber.
Contaminated packaging. Chemical waste generators must determine whether a discarded chemical is classified as a hazardous waste. US EPA guidelines for the classification determination are listed in 40 CFR Parts 261. Additionally, waste generators must consult state and local hazardous waste regulations to ensure complete and accurate classification.

RCRA P-Series: None listed.
RCRA U-Series: None listed.

14. Transport Information

LAND TRANSPORT (US DOT):

DOT Proper Shipping Name: Corrosive liquid, acidic, inorganic, n.o.s. (Hydrochloric acid)

DOT Hazard Class: 8 CORROSIVE

UN/NA Number: UN3264 **Packing Group:** II



15. Regulatory Information

EPA SARA (Superfund Amendments and Reauthorization Act of 1986) Lists

CAS #	Hazardous Components (Chemical Name)	S. 302 (EHS)	S. 304 RQ	S. 313 (TRI)
7647-01-0	Hydrochloric acid {Hydrogen chloride}	Yes 500 LB	Yes 5000 LB	Yes

CAS # Hazardous Components (Chemical Name) Other US EPA or State Lists

7647-01-0	Hydrochloric acid {Hydrogen chloride}	CAA HAP,ODC: HAP; CWA NPDES: No; TSCA: Yes - Inventory, 4 Test; CA PROP.65: No
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16. Other Information

Revision Date: 03/04/2015
Preparer Name: Regulatory Affairs

Hazard Rating System:

HEALTH	2
FLAMMABILITY	0
REACTIVITY	2
PPE	B

HMIS:

Additional Information About This Product:

Company Policy or Disclaimer:

The information contained in this Safety Data Sheet is provided pursuant to current OSHA regulations to convey information concerning the hazardous nature of the named product. The information supplied was compiled from the most reliable sources available at the time of preparation and in light of the most reasonable foreseeable exposure situations expected from the intended use of this product. The material(s) may present greater or lesser hazard exposure under other circumstances that are beyond the control of the manufacturer. Therefore it is imperative that all directions and warnings on the product label be read and closely followed.