

Reston

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name Reston
Product Use Acid detergent cleaner descaler
Product Code 4621
For Medical Emergency Call Chemtrec 1-800-424-9300
Supplier's Information Cleanslate Inc. 1420 East Linden Avenue, Linden NJ 07036

2. HAZARD IDENTIFICATION

GHS Label Element.



Signal Word. Danger
Hazard Statement. Causes severe skin burns and eye damage. May be corrosive to metals.
Precautionary Statements.
 Wear protective gloves and eye protection. Wash thoroughly after handling. Do not breathe mist. IF ON SKIN(or hair): Remove immediately all contaminated clothing. Rinse skin with water. Wash contaminated clothing before reuse. IF IN EYES: Rinse cautiously with water for several minutes. Remove contacts if present and easy to do. Continue rinsing. IF SWALLOWED: Rinse mouth, Do NOT induce vomiting. IF INHALED: Remove to fresh air and keep at rest position comfortable for breathing. Immediately call a POISON CENTER or physician.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Name of Hazardous Ingredients	CAS No.	WT. %
Phosphoric Acid	7664-38-2	22
Hydroxyacetic Acid	79-14-1	< 6

4. FIRST AID MEASURES

Eye Contact. Rinse cautiously with water for several minutes. Remove contacts if present and easy to do. Continue rinsing.
Skin Contact. Remove immediately all contaminated clothing. Rinse skin with water. Wash contaminated clothing before reuse.
Inhalation. Remove to fresh air and keep at rest position comfortable for breathing.
Ingestion. Rinse mouth, Do NOT induce vomiting. Immediately call a POISON CENTER or physician.

5. FIRE FIGHTING MEASURES

LEL Limits. NA
UEL Limits. NA
Flash Point. None
Suitable Fire Extinguishing Media. Water spray or fog, foam, dry chemical, carbon dioxide, alcohol foam if product involved
Special Fire Fighting Procedures. Avoid exposure to fumes or vapors. Wear self-contained positive pressurized breathing apparatus MSHA/NIOSH Approved or equivalent to maintain TLV.
UNUSUAL FIRE & EXPLOSION HAZARD. Product will not burn.

6. ACCIDENTAL RELEASE MEASURES

Mop up spills and flush to sewers with plenty of water. Floors may be slippery, use care to avoid falls.

7. HANDLING AND STORAGE

For institutional and industrial use only, not intended for consumer use. Store upright in original closed container.

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**8. EXPOSURE CONTROLS/
PERSONAL PROTECTION**

Ingredients Name

Phosphoric Acid
Hydroxyacetic Acid

OSHA PEL

1mg/m³
10mg/m³

ACGIH TLV

1mg/m³
10mg/m³

Personal Protective Equipment

Eyes. Safety glasses, face shield
Skin. Apron, acid proof gloves
Ventilation. Normal room ventilation
Respiratory. Not normally required

General Hygiene Considerations:

Handle in accordance with good industrial hygiene and safety practices. Provide suitable facilities for quick drenching or flushing of the eyes and body in case of contact or splash hazard.

**9. PHYSICAL AND
CHEMICAL PROPERTIES**

Physical State	Colorless liq.
Odor	Acidic
pH	1.4
Upper/lower flammability limits	Not available
Flammability (solid, gas)	Not available
Melting point	Not available
Boiling point	>100°C (212F)
Evaporation rate (butyl acetate = 1)	>1.0(water =1)
Vapor pressure	17mm(Hg)
Vapor density	.62(air = 1)
Density	9.7
Specific Gravity	1.17
pH(use dil)	1.3
Solubility	100% in water
Partition coefficient n-octano/water	Not available
Auto-ignition temperature	Not available
Decomposition temperature	Not available
Odor threshold	Not available
Viscosity	Thin

**10. STABILITY AND
REACTIVITY**

Product is stable, hazardous polymerization will not occur. Incompatible with strong alkalis and cyanides. If burned, normal combustion products: Carbon Dioxide, Carbon Monoxide, Nitrous Oxides.

**11. TOXICOLOGICAL
INFORMATION**

Ingredient	Acute toxicity(oral LD50) rat	Acute toxicity(derm. LD50)rabbit
Phosphoric Acid	3500mg/kg	>3100mg/kg
Hydroxyacetic Acid	2040mg/kg	not listed

Skin and Eye	Carcinogen	Mutagen	Reproduct. Toxicity	STOST single Exposure	STOST Repeated exposure
corrosive	Not listed	No info	No info	No info	No info
corrosive	Not listed	No info	No info	No info	No info

**12. ECOLOGICAL
INFORMATION**

N/A

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13. DISPOSAL CONSIDERATIONS

Waste Information.

Products covered by this SDS, in their original form, are considered corrosive waste(waste code D002) according to RCRA (40 CFR 261). Dispose of in accordance with applicable Federal, State and Local regulations.

14. TRANSPORT INFORMATION

UN Number	Basic Description(DOT)	Classes	PG*	LTD QTY
UN3264	Corrosive liquid, acidic, inorganic, n.o.s.(contains phosphoric acid)	8	II	< 1 Liter

PG*. Packing Group

15. REGULATORY INFORMATION

SARA Title 3: Does not contain reportable chemicals under sections 302, 304, or 313 of Title III of the Superfund amendments and Reauthorization Act of 1986. CERCLA: Phosphoric Acid. For more information consult 40 CFR parts 302, 355, 370, 372, and 40 CFR part 68

16. OTHER INFORMATION

To the best of our knowledge, the information contained herein is accurate. However, neither the above named supplier nor any of its subsidiaries assumes any liability whatsoever for the accuracy of completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist. **Date of Issue: 10/24/2022**

*Hazard Determination System (HDS):

Health	3
Reactivity	0
Flammability	0
PPE	C

*NOTE: Hazard Determination System (HDS) ratings are based on a 0-4 rating scale, with 0 representing minimum hazards or risks, and 4 representing significant hazards or risks. Although these ratings are not required on SDSs under 29 CFR 1910.1200, the preparer may choose to provide them. HDS ratings are to be used with a fully implemented program to relay the meanings of this scale.