

Safety Data Sheet (SDS)

Section 1: Chemical Product and Company Identification

Cat# : 4401

Part Name: Citrad

Supplier: Decon Laboratories Inc.
460 Glennie Circle King of Prussia, Pa 19406
SDS Telephone # (610) 755-0800

Emergency Telephone Numbers

US Chemtrec: (800) 424-9300
Canada: (703) 527-3887

Identified uses: Strong Acidic Cleaning Compound

Section 2: Hazards Identification:

GHS Classifications:

Acute Oral Toxicity 4
Acute Dermal Toxicity Not Classified
Skin Corrosion/Irritation 2
Acute Inhalation Toxicity Not Classified
Serious Eye Damage/Eye Irritation 2A

Signal Word: WARNING



Hazard and Precautionary Statements

H319 Causes serious eye irritation.
H315 Causes skin irritation.
H303 May be harmful if swallowed

NFPA Rating

Hazard Ratings:

These ratings are Decon Laboratories Inc.'s own assessments of the properties of the material using the ANSI/NFPA 704 Standard. Additional information can be found by consulting in the NFPA published ratings lists (List 325 and list 49).

If no data is listed the information is not available

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Health 2 Flammability 0 Reactivity 0

Section 3: Composition/ Information on ingredients

Note: Items listed with a CASRN number have no CAS# available

Item#	Name	EINECS	CAS #	% in Product
1	Water Softened		7732-18-5	Major Comp.
2	Hydroxyacetic Acid 70%		79-14-1	Substantial
3	Citric Acid		77-92-9	Substantial
4	DDBSA		68584-22-5	Substantial

Section 4: First Aid Measures

Eye contact: Wash with water for 15 minutes, see a doctor if irritation persists

Skin contact: Wash with water and apply lotion for redness.

Inhalation: Remove to fresh air, give oxygen if needed.

Ingestion: Wash mouth and other contacted part with water. Never give anything by mouth to an unconscious person. If conscious, give 1-2 glasses of water. Avoid alcohol. Contact a doctor or poison control center.

Section 5: Fire-Fighting Measures

Flash Point, deg. F: No flash point Method: Water, foam, ABC extinguisher

UEL: No data LEL: No data Autoignition temperature, deg. F: No data

Flammability Classification: No data Flame Propagation Rate: No data

Hazardous Combustion Products: CO₂, H₂O, Ash

Section 6: Accidental Release measures

Any information listed below is to be considered in addition to internal guidelines for isolation of spill, containment of spill, removal of ignition sources from immediate area, and collection for disposal of spill by trained, properly protected clean up personnel.

Personal Precautions: Gloves & safety glasses

Environmental precautions: Product is suitable to wash to sanitary sewer

Cleanup methods: Wash to sanitary sewer, rinse area with water

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Section 7: Handling and Storage

Open container only to use or to remove material for use. Use a clean dry scoop or pump to remove material. Do not contaminate material with other. Store in a clean dry place.

Section 8: Exposure Controls/ Personal Protection

OSHA (ACGIH) Exposure Limits

Preventive Measures:	Open container only to use or to remove material for use. Use a clean, dry scoop or pump to remove material. Do not contaminate material with other products.
Engineering Controls:	Provide fresh air flow at all time.
Personal Protection:	Eyes: Wear safety glasses at all time when using the product. Skin: Wear water proof gloves when handling this product. Respiratory: Normal ventilation is usually sufficient. Hands: Wear rubber glove when handling this product.

The use of eye protection in the form of safety glasses with side shields and the use of skin protection for hands in the form of gloves are considered minimum and non-discretionary in work places and laboratories. Any recommended personal protection equipment or environmental equipment is to be considered as additional to safety glasses and gloves.

Chemical-resistant gloves should be worn whenever this material is handled. The glove material has to be impermeable and resistant to the product. Gloves should be removed and replaced immediately if there is any indication of degradation or chemical breakthrough. Rinse and remove gloves immediately after use. Wash hands with soap and water. All glove recommendations presume that the risk of exposure is through splash and not intentional immersion of the hands into the product. Since glove permeation data does not exist for this material, no recommendation for the glove material can be given for the product. Permeation data must be obtained from the glove manufacturer to determine if the glove is suitable for the task.

Section 9: Physical and Chemical Properties

Formula:	Mixture	Vapor Pressure:	N/A
Formula weight:	N/A	Vapor Density:	N/A
Boiling Point:	Above 200° F	Specific Gravity:	1.065
Melting Point:	N/A	pH:	1.4
Solubility:	Complete in water	Appearance:	Clear liquid

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Section 10: Stability and Reactivity:

Chemical Stability: Stable
Incompatibility with other materials: Do not mix with strong alkalies
Hazardous Decomposition Products: No data
Hazardous Polymerization: Will not occur

Section 11: Toxicological Information

Acute Data: Not tested
Subchronic Data: Not tested

Section 12: Ecological Information

No data.

Section 13: Disposal Considerations

Dispose in accordance with federal, state and local regulations.

Section 14: Transportation Information

Proper Shipping Name:	Corrosive Liquid, acidic, n.o.s. (Hydroxyacetic acid, Dodecylbenzene sulfonic acid)	Note: 1 gallon- LTD QTY <i>Class 55</i>
Chemical Name:	Hydroxyacetic acid, Dodecylbenzene sulfonic acid	
UN #	3265	
Class	8	
Packing Group:	III	

Section 15: Regulatory Information

All components of this product are on the TSCA public inventory

This product has been classified in accordance with the hazard criteria of the CPR (Controlled Products Regulations) and this MSDS (Material Safety Data Sheet) contains all the information required by the CPR.

The GHS classifications were derived from the most prominent or most hazardous components in the formulation. The finished product was not tested.

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Section 16: Other Information

Date of Issue: 09/01/2000

Date of Revision: 12/31/2021R

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End of Safety Data Sheet