

Safety Data Sheet

Descaler

SECTION I - IDENTIFICATION

 HOUSE OF CHEMICALS	House of Chemicals 304 N Chadbourne St San Angelo, TX 76903 (325) 655-8376 CHEMTREC :..... (800) 424-9300
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Product Number 3541, 3544
Product Name Descaler
Chemical Family
CAS Number Multiple
Date Prepared 2/28/2017
Revision Number 9/11/2020
Recommended Use Lime Scale Remover

SECTION II - HAZARDOUS IDENTIFICATION

GHS CLASSIFICATION:

Classification

Skin Corrosion/Irritation

Category 2

Serious Eye Damage/Eye Irritation

Category 2A

WARNING!

GHS LABEL:



Hazard Statements

H315 Causes skin irritation

H319 Causes serious eye irritation

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Precautionary Statements

- P264 Wash... thoroughly after handling.
- P280 Wear protective gloves/protective clothing/eye protection/face protection.
- P302+352 IF ON SKIN: Wash with plenty of water/...
- P305+351+338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do so - continue rinsing.
- P321 Specific treatment (see ... on this label).
- P332+313 If skin irritation occurs: get medical advice/attention.
- P337+313 If eye irritation persists get medical advice/attention.
- P362+364 Take off immediately all contaminated clothing and wash it before reuse.

SECTION III - COMPOSITION/INFORMATION ON INGREDIENTS

The precise composition of this product is proprietary information. In the event of a medical emergency, a complete disclosure will be provided to medical personnel.

Component Name	CAS #	Component%	OSHA PEL	ACGIH TLV
Inorganic Acid	7664-38-2	38	1 mg/m ³	1 mg/m ³
Hydroxyacetic Acid	79-14-1	10	None Established	None Established

SECTION IV - FIRST AID MEASURES

- Contact with eyes:** Flush with water for 15 minutes. Seek immediate medical attention.
Wash eyes with large volumes of water for at least 15 minutes while lifting the upper and lower eyelids and rotating the eyeball. Get medical attention if irritation persists.
- Skin contact:** Wash exposed areas with water and mild soap. Remove contaminated clothing immediately and launder before reuse. If irritations persist, seek immediate medical attention.
- Inhalation:** Unknown
- Ingestion:** Get medical attention
Give large quantities of water. Never give anything by mouth to an unconscious person.

SECTION V - FIREFIGHTING MEASURES

Suitable Extinguishing Media: Water fog, foam, CO₂, dry chemical.

Special Fire Fighting Procedures Neutralize acid if in contact with ferrous metals and alloys

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Unusual Fire Fighting Hazards: Contact with reactive metals can generate hydrogen gas, which is flammable. Firefighters should observe all precautions that apply to any fire wherever chemicals are stored

SECTION VI - ACCIDENTAL RELEASE MEASURES

Personal Precautions: Keep all sources of ignition and hot metal surfaces away from spill or release. Evacuate all unprotected personnel from the area.

Environmental Precautions: Abide by Federal, State, and Local regulations

Methods for Cleaning Up: Neutralize and dispose of in accordance with applicable Federal, State and Local Regulations

SECTION VII - HANDLING AND STORAGE

Handling and Storage:

- Keep away from children
- Wash thoroughly after handling.
- Do not destroy or deface the label

SECTION VIII - PRECAUTIONS TO CONTROL EXPOSURE / PERSONAL PROTECTION

EXPOSURE LIMITS:

Component Name	CAS #	OSHA PEL	ACGIH TLV
Inorganic Acid	7664-38-2	1 mg/m ³	1 mg/m ³
Hydroxyacetic Acid	79-14-1	None Established	None Established

Engineering Controls: Adequate local or mechanical ventilation to reduce vapor or mist to below the PEL or TLV.

Monitoring: Use good personal hygiene,

Personal Protective Equipment (PPE)

Eye Protection: Goggles or approved OSHA device with side shields; do not wear contact lenses when handling this product.

Skin Protection: Protective gloves if desired
Apron and boots if desired

Respiratory Protection: Full-face breathing apparatus in small unventilated spaces.
None if adequately ventilated.

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SECTION IX - PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Clear Pink Liquid
Odor	Slightly Acidic
pH@25°C	1.2
Melting/Freezing Point	
Flashpoint	
Specific Gravity	
Solubility	Complete
Auto-Ignition Temperature	
Decomposition Temperature	
VOC Content	
Odor Threshold	
Boiling Range	
Evaporation Point	
Flammable Limits - Upper	
Flammable Limits - Lower	
Vapor Pressure	
Vapor Density (Air=1)	
Viscosity	

SECTION X - STABILITY AND REACTIVITY

Stability: Stable

Conditions to Avoid: None known

Hazardous Decomposition/Byproducts: Hydrogen gas if in contact with ferrous metals

Hazardous Polymerization:

Polymerization Conditions to Avoid:

Incompatibilities: Ferrous metals and alloys

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SECTION XI - TOXICOLOGICAL INFORMATION

Likely Route of Exposure: Contact and inhalation; ingestion possible.

Inhalation: Unknown

Eye Contact: Eye contact causes severe irritation.

Skin Contact: May cause irritation, possible dermatitis given repeated or prolonged skin contact.

Ingestion: May be harmful

Acute Toxicity Value:

Chronic (Long Term) Effects:

Toxicity:

Component Name	LD50	LC50
Inorganic Acid	Oral - rat - 1530 mg/kg - Dermal - rabbit - 2740 mg/kg	Inhalation - rat - 25.5 mg/m ³
Hydroxyacetic Acid	Oral - Rat - male and female - 2,040 mg/kg	Inhalation - Rat - male - 4 h - 3.6 mg/l

Reproductive Effects Not Applicable

Teratogenicity Not Applicable

Mutagenicity Not Applicable

Embryotoxicity Not Applicable

Sensitization to Product Not Applicable

Synergistic Products Not Applicable

Carcinogenicity No

SECTION XII - ECOLOGICAL INFORMATION

Ecotoxicity: Information not available.

Mobility: Information not available.

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Degradability: Information not available.

BioAccumulation: Information not available.

SECTION XIII - WASTE DISPOSAL CONSIDERATIONS

Follow all Federal, State, and Local Regulations

SECTION XIV - TRANSPORT INFORMATION

DOT SHIPPING INFORMATION

Proper Shipping Name: Corrosive Liquid, acidic

Contains: Phosphoric Acid

Hazard Class and Label: 8

Identification Number: UN3267

Packaging Group: III

Other Shipping Info: Gallons and smaller are classified Consumer Commodity ORM-D and thus are exempt from regulation.

SECTION XV - REGULATORY INFORMATION

TSCA STATUS:..... The components of this product are listed on the TSCA Inventory

SARA TITLE III SECTION 302/304 EXTREMELY HAZARDOUS SUBSTANCE:

No chemicals in this material are subject to the reporting requirements.

SARA TITLE III SECTION 311/312 HAZARD CATEGORIZATION:

Acute	Chronic	Fire	Pressure	Reactive
X	X			

SARA TITLE III SECTION 313 SUPPLIER INFORMATION:

Component Name	CAS #	% by wt.
	7664-38-2	38

CERCLA SECTION 102(a) HAZARDOUS SUBSTANCE:

Component Name	CAS #	% by wt.	RQ (lbs.)
Phosphoric Acid	7664-38-2	38	5,000

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CALIFORNIA PROPOSITION 65:

No chemicals in this material are subject to the reporting requirements.

SECTION XVI - OTHER INFORMATION

HMIS Health: 1

HMIS Flammability: 0

HMIS Reactivity: 0

Additional: The health hazards given on this Safety Data Sheet apply to this product in its concentrated form (as supplied) and may differ significantly at use dilution. The signs and symptoms of ocver exposure apply only to negligence in handling or misuse of the concentrated product and not to the routine exposure of the diluted product under conditions of ordinary use.

1. N/A= Not Applicable

2, PMCC=Pensky Martin Closed Cup

Specification Information

Department issuing data sheet:

Email address: houseofchemicals1965@gmail.com

Training necessary:

Disclaimer: