

Descaler 30 (Rev. 1-13-25)

SDS Number: W910A

Revision Date: 1/13/2025

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PRODUCT AND COMPANY IDENTIFICATION

Manufacturer

Wechem, Inc.
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Product Identifier: Descaler 30 (Rev. 1-13-25)
SDS Number: W910A
Product Code: W910
Revision Date: 1/13/2025
Product Use: Scale Remover

Emergency Telephone Number:
INFOTRAC
1-800-535-5053

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HAZARDS IDENTIFICATION

Classification of the Substance or Mixture

GHS Classification in Accordance with 29 CFR 1910 (OSHA HCS):

Health, Acute toxicity, 5 Oral
Health, Skin corrosion/irritation, 2
Health, Serious Eye Damage/Eye Irritation, 2 B
Health, Specific target organ toxicity - Single exposure, 3

GHS Label Elements, Including Precautionary Statements

GHS Signal Word: **WARNING**

GHS Hazard Pictograms:



GHS Hazard Statements:

H303 - May be harmful if swallowed
H315 - Causes skin irritation
H320 - Causes eye irritation
H335 - May cause respiratory irritation

GHS Precautionary Statements:

P102 - Keep out of reach of children.
P264 - Wash thoroughly after handling.
P280 - Wear protective gloves/protective clothing/eye protection/face protection.
P301+330+331 - IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
P301+312 - IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.
P302+352 - IF ON SKIN: Wash with plenty of water.
P362 - Take off contaminated clothing and wash before reuse.
P332+313 - If skin irritation occurs: Get medical advice/attention.
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 continuously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.
P337 - If eye irritation persists: Get medical advice/attention.
P402+404 - Store in a dry place. Store in a closed container.

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P501 - Dispose of contents/container in accordance with local/regional/national/international regulations.

Hazards not Otherwise Classified (HNOC) or not Covered by GHS

Route of Entry: Skin absorption, ingestion, inhalation, eye
Target Organs: NA
Inhalation: Inhalation of generated mist can cause nasal and respiratory irritation
Skin Contact: May cause irritation
Eye Contact: May cause irritation and burning
Ingestion: May be Harmful if swallowed.

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COMPOSITION/INFORMATION ON INGREDIENTS

| Chemical Ingredients: | | |
|-----------------------|--------|---|
| CAS# | % | Chemical Name: |
| 77-92-9 | 30% | Citric Acid |
| 68439-57-6 | 0.5-2% | Sulfonic acids, C14-16-alkane hydroxy and C14-16-alkene, sodium salts |
| | | Non-Hazardous Chelant |

Balance of ingredients are a trade secret as per OSHA 29CFR 1910.1200

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FIRST AID MEASURES

Inhalation: Remove to fresh air. Get immediate medical advice/attention if respiratory irritation develops or if breathing becomes difficult. If not breathing, give artificial respiration.
Skin Contact: Immediately flush skin with plenty of water. Remove contaminated clothing and shoes. Wash clothing before reuse. Get medical advice/attention if irritation develops or persists.
Eye Contact: Immediately flush eyes with plenty of water for at least 15 minutes. If easy to do, remove contact lenses, if worn. Get medical advice/attention if irritation develops or persists.
Ingestion: Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Get immediate medical advice/attention.

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FIRE FIGHTING MEASURES

Flammability: Non Flammable
Flash Point: >200 F (Estimated)
 Extinguishing media: Foam, dry chemical, carbon dioxide, water.
 Special fire fighting procedures: Full fire-fighting turn out gear and respiratory protection(SCBA).

Unusual Fire & Explosion Hazards: None

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ACCIDENTAL RELEASE MEASURES

Use appropriate Personal Protective Equipment(PPE). Spill area may be slippery. Contain and/or absorb spill with inert material (e.g. sand, vermiculite), then place in a suitable waste container for disposal in accordance with local regulations.

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HANDLING AND STORAGE

Handling Precautions: Handle all open containers with care. Handle in accordance with good Industrial Hygiene and safety practice. Use in well ventilated areas. Keep out of reach of children.

 Avoid contact with eyes, skin and clothing. Do not inhale vapors or fumes.

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Storage Requirements: Launder contaminated clothing before reuse. Wash hands before eating, drinking or smoking. Keep out of reach of children. Keep container tightly closed and in a well-ventilated place. Store in a cool, dry area away from incompatibles.

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EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Controls: Use ventilation adequate to keep exposures (airborne levels of dust, fume, vapor, etc.) below recommended exposure limits.

Personal Protective Equipment: HMIS PP, C | Safety Glasses, Gloves, Apron
Respiratory Protection: None required under normal use conditions.
Protective gloves: Chemical resistant, rubber
Eye protection: Safety glasses/ goggles or face shield (if splashing is possible).

Hygienic work practices: Do not eat, smoke, or drink where material is handled, processed or stored. Wash hands carefully before eating or smoking.

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PHYSICAL AND CHEMICAL PROPERTIES

| | | | |
|----------------------------|---------------------------|------------------------------|------------------------|
| Appearance: | Clear, Colorless | Odor: | Mild |
| Physical State: | Liquid | Solubility: | Complete in water |
| Spec Grav./Density: | (H20=1): 1.15 +/- 0.1 | Freezing/Melting Pt.: | 28 Deg. F. (Estimated) |
| Boiling Point: | > 212 Deg. F. (Estimated) | Flash Point: | >200 F (Estimated) |
| pH: | 2.0 +/- 1 | VOC: | 0% |
| Evap. Rate: | Similar to water | | |

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STABILITY AND REACTIVITY

Chemical Stability: Stable and non-reactive under normal conditions of use, storage and transport.

Conditions to Avoid: Excessive heat or freezing.

Materials to Avoid: Aqueous solutions of Citric Acid may react with metals (iron,zinc,aluminum) and form hydrogen which may form explosive mixtures.

Hazardous Decomposition: None known.

Hazardous Polymerization: Will not occur.

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TOXICOLOGICAL INFORMATION

Citric Acid cas#:(77-92-9) [30%]

Information on toxicological effects

Acute toxicity:

LD50 Oral - rat - 5,400 mg/kg (OECD Test Guideline 401)

Inhalation: no data available

LD50 Dermal - rat - > 2,000 mg/kg (OECD Test Guideline 402)

Skin corrosion/irritation: Skin - rabbit Result: Mild skin irritation (OECD Test Guideline 404)

Serious eye damage/eye irritation: Eyes - rabbit Result: Irritating to eyes. (OECD Test Guideline 405)

Respiratory or skin sensitisation: Prolonged or repeated exposure may cause allergic reactions in certain sensitive individuals.

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Germ cell mutagenicity: no data available

Carcinogenicity:

IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

ACGIH: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.

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.

Reproductive toxicity: no data available

Specific target organ toxicity - single exposure: no data available

Specific target organ toxicity - repeated exposure: no data available

Aspiration hazard: no data available

Additional Information:

RTECS: GE7350000

Vomiting, Diarrhoea, Damage to tooth enamel., Dermatitis, To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

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ECOLOGICAL INFORMATION

Citric Acid cas#:(77-92-9) [30%]

Information on ecological effects**Toxicity:**Toxicity to fish mortality LC50 - *Leuciscus idus melanotus* - 440 mg/l - 48 h.

(OECD Test Guideline 203)

Toxicity to daphnia and static test - *Daphnia magna* (Water flea) - 1,535 mg/l - 24 h.
other aquatic invertebrates

Persistence and degradability: no data available

Bioaccumulative potential: no data available

Mobility in soil: no data available

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

Other adverse effects: no data available

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DISPOSAL CONSIDERATIONS

This material must be disposed of in accordance with all local, state, provincial, and federal regulations.

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TRANSPORT INFORMATION

Proper Shipping Name: Non-Hazardous, Not Regulated

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REGULATORY INFORMATION

[%] RQ (CAS#) Substance - Reg Codes

[30%] Citric Acid (77-92-9) TSCA[0.5-2%] sulfonic acids, C14-16-alkane hydroxy and C14-16-alkene, sodium salts (68439-57-6)
TSCA

[--%] Non-Hazardous Chelant (-----) TSCA

This product does not contain chemicals known to the State of California to cause cancer, birth defects, or other reproductive harm.

Regulatory Code Legend-----
TSCA = Toxic Substances Control Act

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OTHER INFORMATION

We believe the statements, technical information and recommendations contained herein are reliable, but they are given without warranty or guarantee of any kind.

N/A = Not available N/D = Not determined

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