Z-CAL SAFETY DATA SHEET (SDS)

SAFETY DATA SHEET - Z-CAL

SECTION 1 - IDENTIFICATION

Product Name: Z-CAL
Product Type: Liquid Calcium, Limescale & Mineral Deposit Remover
Recommended Use: Removal of calcium, hard water spots, limescale and Rust.
Restrictions on Use: Do not mix with bleach, oxidizers, or alkaline products.

Manufacturer / Supplier

Company: Z-Care Cleaner, LLC
Address: 855 S Bogle Ave. #3, Chandler, AZ 85225
Telephone: (602) 826-0834
Website: www.Zcaresolutions.com
Emergency Telephone: INFOTRAC 1-800-535-5053 (24 hours)

SECTION 2 - HAZARD IDENTIFICATION

OSHA/HCS STATUS

This mixture is classified as hazardous under 29 CFR 1910.1200.

CLASSIFICATION OF THE MIXTURE

- **Serious Eye Damage - Category 1**
- **Skin Irritation - Category 2**
- **Acute Toxicity (Oral) - Category 4**

GHS LABEL ELEMENTS

Pictograms: GHS05 (Corrosion), GHS07 (Exclamation Mark)
Signal Word: DANGER

HAZARD STATEMENTS

- Causes serious eye damage.
- Causes skin irritation.
- Harmful if swallowed.

PRECAUTIONARY STATEMENTS - PREVENTION

- Wear protective gloves and eye protection.
- Wash hands thoroughly after handling.
- Do not eat, drink, or smoke when using this product.
- Keep out of reach of children and pets.

PRECAUTIONARY STATEMENTS - RESPONSE

- **IF IN EYES:** Rinse cautiously with water for several minutes. Remove contact lenses if present. Continue rinsing. Get medical attention immediately.
- **IF ON SKIN:** Wash with plenty of water. If irritation develops, get medical attention.
- **IF SWALLOWED:** Rinse mouth. Do NOT induce vomiting. Call a doctor or Poison Control if you feel unwell.
- **IF INHALED:** Move to fresh air and keep comfortable.

PRECAUTIONARY STATEMENTS - STORAGE

Store tightly closed in original container in a cool, dry place away from direct sunlight.

PRECAUTIONARY STATEMENTS - DISPOSAL

Dispose of contents and container in accordance with local/regional/national regulations.

CALIFORNIA PROPOSITION 65

⚠ **WARNING:** This product can expose you to chemicals including 1,4-Dioxane, Methanol, and Formaldehyde, which are known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, visit www.P65Warnings.ca.gov.

SECTION 3 - COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	%	CAS Number
Organic Acid Salt Blend	Proprietary	Trade Secret
Surfactant System	Proprietary	Trade Secret
Viscosity Modifier	Proprietary	Trade Secret
Water	Balance	7732-18-5

SPECIFIC CHEMICAL IDENTITIES AND/OR EXACT PERCENTAGES ARE WITHHELD AS TRADE SECRET IN ACCORDANCE WITH OSHA 29 CFR 1910.1200(I).

SECTION 4 - FIRST AID MEASURES

EYE CONTACT FLUSH WITH WATER FOR AT LEAST 20 MINUTES. REMOVE CONTACT LENSES IF PRESENT. GET MEDICAL ATTENTION IMMEDIATELY.
SKIN CONTACT WASH WITH PLENTY OF WATER. IF IRRITATION DEVELOPS, GET MEDICAL ATTENTION.
INHALATION MOVE TO FRESH AIR. KEEP COMFORTABLE. SEEK MEDICAL ATTENTION IF SYMPTOMS PERSIST.
INGESTION RINSE MOUTH. DO NOT INDUCE VOMITING. CALL A DOCTOR OR POISON CONTROL IF YOU FEEL UNWELL.

SECTION 5 - FIRE-FIGHTING MEASURES

- Use extinguishing media appropriate for surrounding fire.
- Thermal decomposition may release CO2, CO, NOx, and HCl.
- Firefighters should wear SCBA and protective gear.

SECTION 6 - ACCIDENTAL RELEASE MEASURES

- Avoid contact with eyes and skin.
- Absorb with inert material (sand, earth, vermiculite).
- Prevent entry into drains or waterways.
- Dispose of collected material per Section 13.

SECTION 7 - HANDLING AND STORAGE

- Wear protective gloves and eye protection.
- Avoid breathing mist.
- Store tightly closed in original container.
- Keep away from incompatible materials (see Section 10).

SECTION 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

- General ventilation is adequate.
- Wear chemical splash goggles and protective gloves.
- Respiratory protection not normally required.

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

Property	Value
Appearance	Clear to light yellow liquid
Odor	Mild
pH	<1.5
Boiling Point	~100°C
Flash Point	93°C

| | Solubility | Fully soluble in water | | Relative Density | ~1.05-1.10 | | VOC Content | 0%

SECTION 10 - STABILITY AND REACTIVITY

- Stable under normal conditions.
- Avoid oxidizers, hypochlorites, and alkaline materials.
- Decomposition may release CO2, CO, NOx, and HCl.

SECTION 11 - TOXICOLOGICAL INFORMATION

Likely Routes of Exposure: Eye contact, skin contact, ingestion.
Acute Effects: Causes serious eye damage. Causes skin irritation. Harmful if swallowed.
Chronic Effects: No known significant long-term hazards at this dilution.

SECTION 12 - ECOLOGICAL INFORMATION

- Surfactants are biodegradable.
- Not expected to persist in the environment.
- Avoid release into waterways.

SECTION 13 - DISPOSAL CONSIDERATIONS

Dispose of contents and container in accordance with local, state, and federal regulations.

SECTION 14 - TRANSPORT INFORMATION

DOT (U.S.): Not regulated.
IMDG / IATA: Not regulated.
Special Notes: Not corrosive to mild steel at finished concentration.

SECTION 15 - REGULATORY INFORMATION

- All components listed or exempt under TSCA.
- SARA 311/312: Acute health hazard.
- Contains trace Prop 65 chemicals (see Section 2).

SECTION 16 - OTHER INFORMATION

Date of Issue: 05/07/2026
Version: 1 -
Prepared by: Manufacturer

This SDS is based on information believed to be reliable at the time of preparation. No warranty is expressed or implied. Users are responsible for safe handling and compliance with applicable regulations.