

Section 1: IDENTIFICATION

Product Name: ZeroMax All Purpose Concentrated Cleaner and Spot Remover
Additional Names: ZeroMax
Recommended Use: Cleaner and degreaser for water tolerant surfaces
Restrictions on Use: Not for use on edible products

Company: McClure Cleaning Solutions **Contact Information:** Telephone: 855-727-8505
6811 Mack Rd, Suite 19-C Fax: 806-647-2857
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Amarillo, TX 79114 Web: www.callzeromax.com

Emergency Phone: Chem-Tel 24-Hour Emergency Service: 800-255-3924

Section 2: HAZARDS IDENTIFICATION

This product is not classified as hazardous under 2012 OSHA Hazard Communications Standards (29 CFR 1910.1200).

OSHA HCS 2012

Label Elements

Signal Word: None **Hazard Symbol(s)/Pictogram(s):** None
Hazard Statement: None
Precautionary Statements: None
Hazards Not Otherwise Classified (HNOC): None
Other Information: None Known

Section 3: COMPOSITION/INFORMATION ON INGREDIENTS

Ingredient	CAS Number	Percent Range
Water	7732-18-5	>75%*
STPP	7758-29-4	<5%*
KOH	1310-58-3	<5%*
SODIUM METASILICATE	13517-24-3	<5%*
NONYLPHENOL POLYETHELENE	9016-45-9	<5%*
BUTYL CELLUSOLVE	111-76-2	<5%*

*specific percentages of composition are being withheld as a trade secret

Section 4: FIRST-AID MEASURES

Inhalation: Not expected to cause respiratory irritation. If adverse effect occurs, move to fresh air.
Skin Contact: Not expected to cause skin irritation. If adverse effect occurs, rinse skin with water.
Eye Contact: Not expected to cause eye irritation. If adverse effect occurs, flush eyes with water.
Ingestion: May cause upset stomach. Drink plenty of water to dilute.

Most Important Symptoms/Effects, Acute and Delayed: None Known
Indication of Immediate Medical Attention and Special Treatment Needed, if necessary: Treat symptomatically

Section 5: FIRE-FIGHTING MEASURES

Suitable & Unsuitable Extinguishing Media: Use Dry chemical, CO₂, water spray or "alcohol" foam. Avoid high volume jet water.
Specific Hazards Arising from Chemical: In event of fire, fire created carbon oxides may be formed.
Special Protective Actions for Fire-Fighters: Wear positive pressure self-contained breathing apparatus; Wear full protective clothing.

This product is non-flammable.

Section 6: ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment and Emergency Procedures: For non-emergency and emergency personnel: See Section 8-personal protection. Avoid eye contact. Safety goggles suggested.

Environmental Precautions: Do not allow into open waterways and ground water systems.

Methods and Materials for Containment and Clean Up: Dike or soak up with inert absorbent material. See section 13 for disposal considerations.

Section 7: HANDLING AND STORAGE

Precautions for Safe Handling: Ensure adequate ventilation. Keep out of reach of children. Keep away from heat, sparks, open flame, and direct sunlight. Do not pierce any part of the container. Do not mix or contaminate with any other chemical. Do not eat, drink or smoke while using this product.

Conditions for Safe Storage including Incompatibilities: Keep container tightly closed. Keep in cool dry area. Avoid prolonged exposure to sunlight. Do not store at temperatures above 109°F (42.7°C). If separation occurs, mix the product for reconstitution.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Limit Values: No components listed with TWA or STEL values under OSHA or ACGIH.

Appropriate Engineering Controls: Showers, eyewash stations, and ventilation systems

Individual Protection Measures/Personal Protective Equipment (PPE):

Eye Contact: Use protective glasses or safety goggles if splashing or spray-back is likely.

Respiratory: Use in well ventilated areas or local exhaust ventilations when cleaning small spaces.

Skin Contact: Use protective gloves (any material) when used for prolonged periods or have skin sensitivity.

General Hygiene Considerations: Wash thoroughly after handling and before eating or drinking.

Section 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Clear liquid, greenish

Odor: NA

Odor Threshold: NA

pH: 13.25

Freezing Point:

Boiling Point & Range: 212°F

Flash Point: No flash

Evaporation Rate: NA

Relative Density: ≥1

Partition Coefficient: NA

Autoignition Temperature: Non-flammable

Decomposition Temperature: 110°

Viscosity: Like water

Solubility: 100% in water

Flammability (solid, gas): NA
Upper/Lower Flammability or Explosive Limits: NA
Vapor Pressure: NA

Section 10: STABILITY AND REACTIVITY

Reactivity: Non –reactive
Chemical Stability: Stable under normal conditions 70°F (21°C) and 14.7 psig (760 mmHg).
Possibility of Hazardous Reactions: None Known
Conditions to Avoid: Excessive heat or cold
Incompatible Materials: Do not mix with oxidizers, acids, bathroom cleaners, or disinfecting agents.
Hazardous Decomposition Products: Normal products of combustion-CO, CO2

Section 11: TOXICOLOGICAL INFORMATION

Likely Routes of Exposure: Inhalation - Overexposure may cause headache.
Skin Contact - Not expected to cause irritation, repeated contact may cause dry skin.
Eye Contact - Not expected to cause irritation.
Ingestion - May cause upset stomach.

Symptoms related to the physical, chemical and toxicological characteristics: No symptoms expected under typical use conditions.
Delayed and immediate effects and or chronic effects from short term exposure: No symptoms expected under typical use conditions.

Delayed and immediate effects and or chronic effects from long term exposure: Headache, dry skin, or skin irritation may occur.
Interactive effects: Not known

Numerical Measures of Toxicity

Acute Toxicity: Oral LD₅₀ (rat) >5g/kg body weight
Dermal LD₅₀ (rabbit) >5g/kg body weight
Calculated via OSHA HCS2012 /Globally Harmonized System of Classification and Labeling of

Chemicals

Skin Corrosion/Irritation: Non-irritant per Dermal Irritation® assay modeling. No animal testing performed
Eye Damage/Irritation: Minimal irritant per Ocular Irritation® assay modeling. No animal testing performed
Germ Cell Mutagenicity: Does not classify under this category
Carcinogenicity: No ingredients trigger
Reproductive Toxicity: Does not classify under this category
STOT-Single Exposure: Does not classify under this category
STOT-Repeated Exposure: Does not classify under this category
Aspiration Hazard: Does not classify under this category

Section 12: ECOLOGICAL INFORMATION

Ecotoxicity: Volume of ingredients used does not trigger toxicity classifications under the Globally Harmonized System of Classification and Labeling of Chemicals.
Aquatic: Aquatic Toxicity - Low, based on OECD 201, 202, 203 + Microtox: EC₅₀ & IC₅₀ ≥100 mg/L. Volume of ingredients used does not trigger toxicity classifications under the Globally Harmonized System of Classification and Labeling of Chemicals.
Terrestrial: Not tested on finished formulations.
Persistence and Degradability: Readily biodegradable
Bioaccumulative Potential: No data available.
Mobility in Soil: No data available.

Other Adverse Effects: No data available.

Section 13: DISPOSAL CONSIDERATIONS

Unused or Used Liquid: May be considered hazardous in your area depending on usage and tonnage of disposal – check with local, regional, and or national regulations for appropriate methods of disposal.

Empty Containers: May be used for recycling.

Never dispose of used degreasing rinsates into lakes, streams, and open bodies of water or storm drains.

Section 14: TRANSPORT INFORMATION

U.N. Number:	NA	U.N. Proper Shipping Name:	Cleaning Compound, Liquid NOI
Transport Hazards Class(es):	NA	NMFC Number:	48580-3
Packing Group:	NA	Class:	55
Environmental Hazards:	Marine Pollutant –NO		
Transport in Bulk (according to Annex II of MARPOL 73/783 and IBC Code):	Unknown		
Special precautions which user needs to be aware of/comply with, in connection with transport or conveyance wither within or outside their premises:	None Known		
U.S. (DOT)/Canadian TDG:	Not Regulated for shipping	ICAO/IATA:	Not classified as Hazardous
IMO/IDMG:	Not classified as Hazardous	ARD/RID:	Not classified as Hazardous

Section 15: OTHER INFORMATION

Prepared /Revised By: McClure Cleaning Solutions

This SDS has been revised in accordance to the OSHA HCS-2012/GHS requirements.

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