
SAFETY DATA SHEET

Section 1. Identification

GHS product identify

Product Form: Mixture
Product Type: Liquid, General purpose degreaser / Touchless steam cleaning solution
Substance Name: Zapp
Product Code: CDZ
SDS #: CD-007
Other means of identification: Not available

Intended Use of the Product

Identified Uses: Industrial

Name, Address, and Telephone of the Responsible Party

CreteDefender, Inc.
50 South Main Street, Suite 200
Naperville IL 60540
1-877-830-6008

Emergency Telephone Number: US and Canada: 1-800-535-5053
International: 1-352-323-3500

Section 2. Hazards Identification

Special Note: SDS data pertains to the product as dispensed from the container. Adverse health effects would not be expected under recommended conditions of use so long as prescribed safety precautions are practiced.

HMIS:

Health: 1
Fire Hazard: 0
Reactivity: 0
Personal Protection: X

NFPA 704 Designation:

Health: 1
Fire Hazard: 0
Reactivity: 0
Special: None

HAZARDS RATING KEY: 4=Extreme 3=High 2=Moderate 1=Slight 0=Insignificant

GHS Label Elements

Hazard pictograms (GHS - US)



Signal Word: Warning

Hazard statements: H303 – May be harmful if swallowed
H315 - Causes skin irritation.
H319 - Causes serious eye irritation.

Precautionary statements

Prevention: P280 - Wear eye/face protection, protective clothing, protective gloves.
P264 - Wash hands, forearms, and exposed areas thoroughly after handling.

Response: P302+P352+P361 - IF ON SKIN: Wash with plenty of soap and water. Take off contaminated clothing. Wash contaminated clothing before reuse. If skin irritation occurs: Get medical attention.
P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P337+P313 - If eye irritation persists: Get medical attention.

Storage: Not applicable
Disposal: Not applicable

Hazards not otherwise classified: None known

ACUTE EFFECTS OF OVER EXPOSURE:

SKIN: Prolonged or repeated contact may cause irritation.

EYES: Redness and possible itching and/or tearing of the eyes.

INHALATION: Possible irritation of respiratory tract.

INGESTION: No data on acute toxicity of the product when ingested. Aspiration hazard if swallowed-can enter lungs and cause damage.

Persons with allergies or pre-existing skin conditions should avoid contact with this product.

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CHRONIC EFFECTS OF OVER EXPOSURE: Inhalation and ingestion effects of this product have not been determined. A prediction as to whether these effects will be exhibited by the product as a whole is dependent on an evaluation of the product's use and extent and duration of exposure.

None of the ingredients are listed as carcinogens by IARC, NTP, or OSHA.

PROPOSITION 65 (California Safe Drinking Water and Toxic Enforcement Act of 1986) CHEMICAL(S) IN THIS PRODUCT IS/ARE:

This product does not contain any chemicals listed.

Section 3. Composition/Information on Ingredients

Proprietary Detergent Blend – Non Hazardous

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment, thereby requiring reporting in this section.

Occupational exposure limits, if available, are listed in Section 8.

Section 4. First Aid Measures

Description of necessary first aid measures

- Eye contact: In case of contact, immediately rinse eyes with a gentle stream of clean water for at least 15 minutes, holding eyelids open. Remove contact lenses if worn. If irritation occurs and persists, seek medical attention.
- Inhalation: If symptoms occur move affected person to fresh air. If symptoms persist, seek medical attention.
- Skin contact: Remove contaminated clothing and thoroughly rinse skin with plenty of water for at least 15 minutes. Use soap to remove product from skin, if available. If irritation occurs and persists, seek medical attention. Launder clothing before reuse.
- Ingestion: Aspiration hazard if swallowed. Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. If vomiting occurs place head lower than hips to prevent aspiration. Seek medical attention immediately.

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Section 5. Fire-fighting Measures

FLASHPOINT AND METHOD: This product is not flammable or combustible.

Flammable Limits (in air, % by volume):

Upper: N/A

Lower: N/A

Autoignition Temperature: N/A

GENERAL HAZARD: Evacuate personnel downwind of fire to avoid inhalation of irritating and/or harmful fumes and smoke.

FLAME PROPAGATION OR BURNING RATE OF SOLIDS: Not Available

FIRE FIGHTING INSTRUCTIONS / EXTINGUISHING MEDIA: Water spray, CO₂, Chemical-type foam.

DECOMPOSITION PRODUCTS UNDER FIRE CONDITIONS: Not available

HAZARDOUS COMBUSTION PRODUCTS: Not determined for this product.

FIRE FIGHTING EQUIPMENT: Respiratory and eye protection are required for firefighting personnel. Full protective equipment (Bunker Gear) and self contained breathing apparatus (SCBA) should be used for all indoor fires and any significant outdoor fires. For small outdoor fires, which may easily be extinguished with a portable fire extinguisher, use of a SCBA may not be required.

SENSITIVE TO STATIC DISCHARGE: NO

SENSITIVITY TO IMPACT: NO

Section 6. Accidental Release Measures

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:

Observe safety procedures in section 7 and 8 during clean up. Put on appropriate personal protective equipment (see section 8). Small spills can be wiped up. Large spills should be absorbed by dirt, sand, or other suitable absorbents for disposal. Rinse area well with water.

WASTE DISPOSAL METHOD:

Waste must be disposed of in accordance with all federal, state, and local environmental control regulations.

COMMENTS: See Section 13 for disposal information and Section 15 for regulatory requirements.

Section 7. Handling and Storage

Store in a cool, dry, well-ventilated place, away from incompatible materials (e.g. strong oxidizers). Keep from freezing. If frozen return to room temperature. Protect eyes, skin, and clothing from contact with product. Wear recommended protective equipment. Wash thoroughly after handling. Empty containers may be hazardous. Do not cut, puncture, or weld on or near empty containers.

KEEP OUT OF REACH OF CHILDREN

Section 8. Exposure Controls/Personal Protection

CONTROL MEASURES: General mechanical room ventilation is sufficient for normal use of this product. If use generates heavy vapors, mists, or aerosols, use local mechanical exhaust ventilation capable of maintaining emissions in the work area below occupational exposure limits and/or a level of irritation to the eyes or respiratory tract.

PERSONAL PROTECTIVE EQUIPMENT(PPE):

RESPIRATOR: Not required for normal use of this product. Wear appropriate respirator when ventilation is inadequate.

EYES: Use tight fitting safety glasses or splash goggles.

CLOTHING & EQUIPMENT: Use of chemical resistant gloves and apron is strongly recommended, especially for prolonged contact. An eye wash station and safety shower should be available in the work area.

Personal protective equipment (pictograms):



Section 9. Physical and Chemical Properties

Appearance

Color:	Purple
Physical State:	Liquid
Odor:	Mild detergent
Odor threshold:	Not determined
Molecular Formula:	Not determined

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Molecular Weight:	Not determined
Melting point:	2.2°C (35.9°F)
Boiling point:	100°C (212°F)
Specific gravity:	1.01 @ 25°C (77°F)
Density:	Not determined
Bulk Density:	Not determined
Vapor pressure:	Not determined
Vapor density:	Not determined
Evaporation Rate:	Slower than water
VOC content:	Not applicable
% Volatile:	Not determined
Solubility in water:	Complete

Section 10. Stability and Reactivity

GENERAL: This product is stable and hazardous polymerization will not occur.

CONDITIONS TO AVOID: Avoid excessive heat and flame.

INCOMPATIBLE MATERIAL: Avoid contact with strong oxidizing agents or anything that is not compatible with water.

HAZARDOUS DECOMPOSITION PRODUCTS: Not Determined.

SENSITIVITY TO MECHANICAL IMPACT: This product is NOT sensitive to mechanical impact.

SENSITIVITY TO STATIC DISCHARGE: This product NOT sensitive to static discharge.

Section 11. Toxicological Information

SENSITIZATION:	No known effects
CARCINOGENITY:	No known effects
TERATOGENICITY:	No known effects
REPRODUCTIVE TOXICITY:	No known effects
MUTAGENICITY:	No known effects

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Section 12. Ecological Information

ENVIRONMENTAL FATE:

The environmental fate of this product is expected to be:

Land: Not determined

Water: Not determined

Air: Product is not expected to bioaccumulate

Section 13. Disposal Considerations

DISPOSAL METHOD: Dispose of waste at an appropriate waste disposal facility in accordance with current applicable federal, state and local laws and regulations.

REGULATORY REQUIREMENTS: (See Section 15)

EMPTY CONTAINER: Containers should be triple rinsed before disposal. Dispose of in accordance with applicable local, state, and federal regulations.

Refer to Section 6, Accidental Release Measures for additional information.

Section 14. Transport Information

Not classified as dangerous in the meaning of: DOT, ADR / RID, IMDG / IMO, ICAO / IATA

DOT PROPER SHIPPING NAME:	INDUSTRIAL CLEANERS N.O.I., LIQUID KEEP FROM FREEZING
DOT HAZARD CLASS:	N/A
DOT PACKAGING GROUP:	N/A
DOT I.D. NUMBER:	N/A
DOT LABEL/PLACARD:	N/A
VESSEL (IMO/IMDG):	PROPER SHIPPING NAME: N/A LABEL: Use Product Identifier, "Trade Name".
AIR (ICAO/IATA):	PROPER SHIPPING NAME: N/A LABEL: Use Product Identifier, "Trade Name".

Section 15. Regulatory Information

UNITED STATES

SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT)

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SECTION 311 HAZARD CATEGORY (40CFR 370):

Fire: No
Pressure generating: No
Reactivity: No
Acute: No
Chronic: No

313 REPORTABLE INGREDIENTS: No products were found

TITLE III NOTES: Not Applicable

CERCLA (COMPREHENSIVE RESPONSE, COMPENSATION, AND LIABILITY ACT)

CERCLA RQ: Not Regulated

TSCA (TOXIC SUBSTANCE CONTROL ACT)

TSCA REGULATORY: N/A

STATE REGULATIONS: Consult State Authorities

EPA REGISTRATION NUMBER: N/A

CAA (CLEAN AIR ACT, USA): No products were found

CLEAN WATER ACT / OIL POLLUTION ACT: No products were found

Section 16. Other Information

History

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Notice to reader

Information given herein is offered in good faith as accurate, but without guarantee, and represents the best information currently available to us; much of which comes from the manufacturer or supplier of components of this product. To the best of our knowledge, the information contained herein is accurate.

However, CreteDefender, Inc., makes no warranty, expressed or implied regarding the accuracy of the data or for the use of the product. Furthermore, CreteDefender, Inc., expressly disclaims liability for loss, damage, or expense arising from or in any way connected to the handling, storage, use or disposal of this product.

Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Conditions of use and suitability of the product for particular uses are beyond our control; all risks of use of the product and its disposal are therefore assumed by the user. Nothing is intended as a recommendation for uses which infringe valid patents or as extending license under valid patents. Appropriate warnings and safe handling procedures should be provided to handlers and users.

Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist. Health and safety precautions in this data sheet may not be adequate for all individuals and product uses. It is the user's obligation to ensure that this SDS is the most current SDS available for the product; to evaluate the information contained in this sheet in connection to the uses to which the product is to be put in the work place, and to use the product safely in accordance with all applicable laws and regulations.

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