

ISSUE DATE: September 2013

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VERSION: 1

## 1. IDENTIFICATION

### PRODUCT IDENTIFIER

PRODUCT NAME CRETE-CLEAN

### OTHER MEANS OF IDENTIFICATION

SDS Number E-033

Recommended Uses Cleaning agent

### SDS-SUPPLIER INFORMATION

SUPPLIER ADDRESS E-ZOIL Products, Inc.  
**DBA Emulso**  
2750 Kenmore Avenue  
Tonawanda, NY 14150

### EMERGENCY TELEPHONE NUMBER

COMPANY PHONE NUMBER (716) 854-2889  
COMPANY FAX NUMBER (716) 854-2809  
24-HOUR EMERGENCY TELEPHONE (ACCOUNT #8686)  
NORTH AMERICA 800-535-5053  
INTERNATIONAL 352-323-3500

## 2. HAZARDS IDENTIFICATION

### CLASSIFICATION

Acute toxicity - Inhalation (Dusts/Mists) Category 4  
Serious eye damage/eye irritation Category 2

SIGNAL WORD: Warning

### HAZARD STATEMENTS



HAZARD STATEMENTS  
1. May be harmful if swallowed  
2. Harmful if inhaled  
3. Causes serious eye irritation

APPEARANCE SOLID      PHYSICAL STATE: SOLID



## Safety Data Sheet

### PRECAUTIONARY STATEMENTS

|  |   |
|--|---|
| <b>PREVENTION</b>                              | Avoid breathing dust/fume/gas/mist/vapors/spray<br>Use only outdoors or in a well-ventilated area<br>Wash face, hands and any exposed skin thoroughly after handling<br>Wear protective gloves/protective clothing/eye protection/face protection |
| <b>RESPONSE</b>                                | Immediately call poison center or doctor/ physician   |
| <b>IF SWALLOWED</b>                            | Call POISON CENTER or doctor/ physician if you feel unwell. Rinse mouth. Do NOT induce vomiting.  |
| <b>IF IN EYES</b>                              | Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing If eye irritation persists: Get medical advice/attention  |
| <b>IF ON SKIN/HAIR</b>                         | Immediately remove all contaminated clothing. Rinse skin with water/shower Wash contaminated clothing before reuse.   |
| <b>IF INHALED</b>                              | Remove victim to fresh air and keep at rest in a position comfortable for breathing Call a poison center or doctor/physician if you feel unwell   |
| <b>IF EXPOSED/CONCERNED</b>                    | Get medical advice/ attention.  |
| <b>STORAGE</b>                                 | Store locked-up. Keep away from children.   |
| <b>DISPOSAL</b>                                | Dispose of contents/container to an approved waste disposal plant.  |
| <b>HAZARDS NOT OTHERWISE CLASSIFIED (HNOC)</b> | N/A   |
| <b>OTHER INFORMATION</b>                       | Harmful to aquatic life with long lasting effects   |

| CHEMICAL NAME    | CAS NUMBER | WEIGHT - % |
|------------------|------------|------------|
| Sodium carbonate | 497-19-8   | 60-65      |
| Pine oil         | 8002-09-3  | <2         |

## 4. FIRST-AID MEASURES

### DESCRIPTION OF FIRST AID MEASURES

**GENERAL ADVICE** Immediately call a POISON CENTER or doctor/physician.

**EYE CONTACT** Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a poison center or doctor/physician.

**SKIN CONTACT** Remove/ Take off immediately all contaminated clothing. Rinse skin with water/shower. Wash contaminated clothing before reuse.

**INHALATION** Remove person to fresh air and keep at rest in a position comfortable for breathing. Immediately call poison center or doctor/ physician.

**INGESTION** Rinse mouth. Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Drink 1-2 glasses of water. Immediate medical attention is required.

\*\*If Chemical Name/CAS No is "proprietary" and/or Weight-% is listed as a range, the specific chemical identity and/or percentage of composition has been withheld as a trade secret.\*\*

### POTENTIAL ACUTE HEALTH EFFECTS

*Most important symptoms and effects, both acute and delayed*

**SYMPTOMS** May be harmful if swallowed. Harmful if inhaled. Causes serious eye irritation.

**NOTES TO PHYSICIAN** Treat symptomatically

## 5. FIRE-FIGHTING MEASURES

**SUITABLE EXTINGUISHING MEDIA** Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

**UNSUITABLE EXTINGUISHING MEDIA** None known

**SPECIFIC HAZARDS ARISING FROM CHEMICAL** Not determined

### PROTECTIVE EQUIPMENT AND PRECAUTIONS FOR FIRE-FIGHTERS

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/ NIOSH (approved and equivalent) and full protective gear.

## 6. ACCIDENTAL RELEASE MEASURES

### PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES

**PERSONAL PRECAUTIONS** Use personal protective equipment as required. Spills may be slippery.  
**ENVIRONMENTAL PRECAUTIONS** Prior permitting may be required before any detergent chemicals can be put into city sewers



## METHODS AND MATERIALS FOR CONTAMINATION AND CLEAN-UP

**CONTAMINATION** Prevent further leakage or spillage is safe to do so  
**CLEAN-UP** Keep in suitable, closed containers for disposal.

## 7. HANDLING AND STORAGE

### PRECAUTIONS FOR SAFE HANDLING

**PROTECTIVE MEASURES** Handle in accordance with good industrial hygiene and safety practice. Wash thoroughly after handling. Do not breathe dust/fume/gas/mist/vapor/spray. Do not eat, drink, or smoke when using this product. Use personal protection recommended in Section 8.

### CONDITIONS FOR SAFE STORAGE (INCLUDING ANY INCOMPATIBILITIES)

**STORAGE CONDITIONS** Keep containers tightly closed in a dry, cool and well-ventilated place.

**INCOMPATIBLE MATERIALS** None known based on information supplied.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### EXPOSURE GUIDELINES

**ENGINEERING CONTROLS** Apply technical measures to comply with the occupational exposure limits.

### INDIVIDUAL PROTECTION MEASURES

**EYE/FACE PROTECTION** Refer to 29 CFR 1910.133 for eye and face protection regulations.  
**SKIN/BODY PROTECTION** Refer to 29 CFR 1910.138 for appropriate skin and body protection.  
**RESPIRATORY PROTECTION** Refer to 29 CFR 1910.134 for respiratory protection requirements.  
**GENERAL HYGIENE** Handle in accordance with good industrial hygiene and safety practice.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

|   |                                    |
|---|------------------------------------|
| <b>PHYSICAL STATE</b>                             | Solid                              |
| <b>APPERANCE</b>                                  | According to product specification |
| <b>COLOR</b>                                      | Not determined                     |
| <b>ODOR</b>                                       | Not determined                     |
| <b>ODOR THRESHOLD</b>                             | Not determined                     |
| <b>pH</b>   | Not determined                     |
| <b>MELTING POINT/FREEZING POINT</b>               | Not determined                     |
| <b>BOILING POINT/BOILING RANGE</b>                | Not determined                     |
| <b>FLASH POINT</b>                                | Not determined                     |
| <b>EVAPORATION RATE</b>                           | Not determined                     |
| <b>FLAMMABILITY (SOLID, GAS)</b>                  | Not determined                     |
| <b>UPPER FLAMMABILITY LIMITS</b>                  | Not determined                     |
| <b>LOWER FLAMMABILITY LIMITS</b>                  | Not determined                     |
| <b>VAPOR PRESSURE</b>                             | Not determined                     |
| <b>SPECIFIC GRAVITY</b>                           | Not determined                     |
| <b>RELATIVE DENSITY</b>                           | Not determined                     |
| <b>WATER SOLUBILITY</b>                           | Not determined                     |
| <b>PARTITION COEFFICIENT<br/>N-OCTANOL/ WATER</b> | Not determined                     |
| <b>AUTO-IGNITION TEMPERATURE</b>                  | Not determined                     |
| <b>DECOMPOSITION TEMPERATURE</b>                  | Not determined                     |
| <b>VISCOSITY</b>                                  | Not determined                     |

## 10. STABILITY AND REACTIVITY

|   |   |
|---|---|
| <b>REACTIVITY</b>                         | Not reactive under normal conditions        |
| <b>CHEMICAL STABILITY</b>                 | Stable under recommended storage conditions |
| <b>POSSIBILITY OF HAZARDOUS REACTIONS</b> | None under normal processing                |
| <b>CONDITIONS TO AVOID</b>                | Keep out of reach of children               |
| <b>INCOMPATIBLE MATERIALS</b>             | None known based on information supplied.   |
| <b>HAZARDOUS DECOMPOSITION PRODUCTS</b>   | None known based on information supplied.   |

## 11. TOXICOLOGICAL INFORMATION

*Information on likely routes of exposure.*

**EYE CONTACT** Causes severe eye damage.  
**SKIN CONTACT** Avoid contact with skin.  
**INHALATION** Avoid breathing vapors or mists.  
**INGESTION** May be harmful if swallowed.

### COMPONENT INFORMATION

| CHEMICAL NAME                               | ORAL LD50  | DERMAL LD50            | INHALATION LC50          |
|---|--|------------------------|--------------------------|
| Sodium carbonate<br>497-19-8                | = 4090 mg/kg ( Rat )                             | -                      | = 2300 mg/m3 ( Rat ) 2 h |
| Trisodium Phosphate<br>7601-54-9            | > 2000 mg/kg ( Rat )                             | > 300 mg/kg ( Rabbit ) | > 2.16 mg/L ( Rat ) 1 h  |
| Pine oil<br>8002-09-3                       | = 3200 mg/kg ( Rat )                             | = 5 g/kg ( Rabbit )    | -                        |
| Nonylphenol Ethoxylate<br>127087-87-0       | = 1310 mg/kg ( Rat )                             | -                      | -                        |
| Sodium alkylbenzene<br>sulfonate 68411-30-3 | 1086 - 1980 mg/kg ( Rat )<br>= 404 mg/kg ( Rat ) |                        |                          |

**SYMPTOMS** Please see section 4 of this SDS for symptoms.

**CARCINOGENICITY** This product does not contain any carcinogens or potential carcinogens as listed by OSHA, IARC, or NTP.

**NUMERICAL MEASURES OF TOXICITY-PRODUCT** Not determined.

## 12. ECOLOGICAL INFORMATION

**ECOTOXICITY** An environmental hazard cannot be excluded in the event of unprofessional handling or disposal.

| CHEMICAL NAME                                      | ALGAE/<br>AQUATIC PLANTS   | FISH   | TOXIC TO<br>MICROORGANISMS | CRUSTACEA  |
|--|--|--|----------------------------|--|
| Sodium carbonate<br><b>497-19-8</b>                | 242: 120 h<br>Nitzschia mg/L<br>EC50   | 300: 96 h Lepomis macrochirus mg/L LC50 static<br>310 - 1220: 96 h Pimephales promelas mg/L LC50 static  | -                          | 265: 48 h Daphnia magna mg/L EC50<br><br>17 - 28: 48 h Daphnia magna mg/L EC50<br>Flow through |
| Pine oil<br><b>8002-09-3</b>                       | -  | -  | -                          |  |
| Sodium alkylbenzene sulfonate<br><b>68411-30-3</b> | 9: 96 h Desmodesmus subspicatus mg/L EC50<br>11: 72 h Pseudokirchneriella subcapitata mg/L EC50<br>4.29 - 12.5: 96 h Pseudokirchneriella subcapitata mg/L EC50 | 5.1: 96 h Brachydanio rerio mg/L LC50 flow-through<br>0.6 - 1.9: 96 h Brachydanio rerio mg/L LC50 semi-static<br>2.2: 96 h Lepomis macrochirus mg/L LC50 static<br>0.7: 96 h Pimephales promelas mg/L LC50 static<br>3.4: 96 h Pimephales promelas mg/L LC50<br>3.8 - 6.6: 96 h Oncorhynchus mykiss mg/L LC50 static |                            | 0.63: 48 h Daphnia magna mg/L EC50   |

**PERSISTENCE AND DEGRADABILITY** Not determined  
**BIOACCUMULATION** Not determined  
**MOBILITY** Not determined  
**OTHER ADVERSE EFFECTS** Not determined

## 13. DISPOSAL CONSIDERATIONS

### WASTE TREATMENT METHODS

**WASTE DISPOSAL** Disposal should be in accordance with applicable regional, national and local laws and regulations.  
**CONTAMINATED PACKAGING** Disposal should be in accordance with applicable regional, national and local laws and regulations.

### CHEMICAL NAME CALIFORNIA HAZARDOUS WASTE STATUS

Sodium carbonate  
**497-19-8** Corrosive

## 14. TRANSPORT INFORMATION

### DOT

Not regulated

### IATA

Not regulated

### IMDG

Not regulated

## 15. REGULATORY INFORMATION

### INTERNATIONAL INVENTORIES

#### LEGEND

|                       |   |
|-----------------------|---|
| <b>TSCA:</b>          | United States Toxic Substances Control Act Section 8(B) Inventory |
| <b>DSL/NDL:</b>       | Canadian Domestic Substances List/Non-Domestic Substances List    |
| <b>EINECS/ELINCS:</b> | European Inventory of Existing/Notified Chemical Substances       |
| <b>ENCS:</b>          | Japan Existing and New Chemical Substances                        |
| <b>IECSC:</b>         | China Inventory of Existing Chemical Substances                   |
| <b>KECL:</b>          | Korean Existing and Evaluated Chemical Substances                 |
| <b>PICCS:</b>         | Philippines Inventory of Chemicals and Chemical Substances        |

## U.S. FEDERAL REGULATIONS

### SARA 313/312 HAZARD CATEGORIES

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product contains a chemical or chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

### CLEAN WATER ACT (CWA)

This product contains the following substances which are regulated pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

| CHEMICAL NAME       | HAZARDOUS SUBSTANCES RQ | CERCLA/SARA RQ | REPORTABLE QUANTITY (RQ)                   |
|---------------------|-------------------------|----------------|--|
| Trisodium Phosphate | 5000 LBS                | --             | RQ 5000 lb final RQ<br>RG 2270 kg final RQ |

## U.S. STATE REGULATIONS

### U.S. STATE RIGHT-TO-KNOW REGULATIONS

| CHEMICAL NAME                           | NEW JERSEY | MASSACHUSETTS | PENNSYLVANIA |
|---|------------|---------------|--------------|
| Trisodium Phosphate<br><b>7601-54-9</b> | X          | X             | X            |
| Pine oil<br><b>8002-09-3</b>            | X          |               |              |



## 16. OTHER INFORMATION

|             |                       |                     |                         |                            |
|-------------|-----------------------|---------------------|-------------------------|----------------------------|
| <b>NFPA</b> | <b>HEALTH HAZARDS</b> | <b>FLAMMABILITY</b> | <b>INSTABILITY</b>      | <b>SPECIAL HAZARDS</b>     |
|             | Not determined        | Not determined      | Not determined          | Not determined             |
| <b>HMIS</b> | <b>HEALTH HAZARDS</b> | <b>FLAMMABILITY</b> | <b>PHYSICAL HAZARDS</b> | <b>PERSONAL PROTECTION</b> |
|             | Not determined        | Not determined      | Not determined          | Not determined             |

## DISCLAIMER

The information provided in this Safety Data Sheet is correct to the best of our knowledge at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

**END OF SAFETY DATA SHEET**