

# SAFETY DATA SHEET

## TANK CLEANER ELITE

SDS DATE: 07/13/2016

### SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

**PRODUCT NAME:** Tank Cleaner Elite

**DISTRIBUTOR:** West Central  
**ADDRESS:** 2700 Trott Ave SW Wilmar, MN 56201  
**PHONE:** (320) 235-8518

**EMERGENCY CHEMTREC PHONE:** US: 1-800-424-9300 International: 1-202-483-7616

**CHEMICAL NAME:** Proprietary mixture  
**CHEMICAL FAMILY:** Blend  
**CHEMICAL FORMULA:** Mixture

**PRODUCT USE:** Tank Cleaner

**SECTION 1 NOTES:** None

### SECTION 2: HAZARDS IDENTIFIED

#### GHS Ratings:

##### Toxicity Categories

Acute toxicity, Oral	Category 1
Aspiration	Category 1
Skin corrosion/ irritation	Category 1A
Eye damage/ irritation	Category 1



**Signal Word: DANGER**

#### GHS HAZARDS

H300: Fatal if swallowed  
H304: May be fatal if swallowed and enters airways  
H314 Causes severe skin burns and eye damage.  
H318 Causes serious eye damage.  
H290 May be corrosive to metals

**Exposure prevention: AVOID ALL CONTACT!**

#### GHS PRECAUTIONS

P102 Keep out of reach of children.  
P103 Read label before use.  
P233 Keep container tightly closed.  
P234 Keep only in original container.  
P260 Do not breathe dust, fume, gas, mist, vapors or spray.  
P262 Do not get in eyes, on skin, or on clothing.  
P264 Wash contaminated areas thoroughly after handling.  
P270 Do not eat, drink or smoke when using this product.  
P280 Wear protective gloves, protective clothing, eye protection and face protection.  
P301+330+331 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.  
P303+351+353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse with water or shower.  
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 cautiously with water for several minutes. Remove contact lenses if present and easy to do then continue rinsing cautiously.  
P310 Immediately call a POISON CENTER, doctor or physician.  
P362 Take off contaminated clothing and wash it before reuse.  
P363 Wash contaminated clothing before reuse.  
P405 Store locked up.  
P501 Dispose of contents in container to an approved waste disposal facility in accordance with all local, regional, national and international regulations.

### SECTION 3: INFORMATION ON COMPONENTS

<u>INGREDIENT</u>	<u>CAS NO.</u>	<u>% WT</u>
Trade Secret	Trade Secret	1- 5%
Sodium Hydroxide	1310-73-2	25-40%

**NOTE:** Product does NOT contain any pesticides or pest control agents.

**SECTION 3 NOTES:** These specific chemical identities and or exact percentage (concentration) of composition have been withheld as a trade secret.

#### **CARCINOGENICITY**

**OSHA:** No      **ACGIH:** No      **NTP:** No      **IARC:** No      **OTHER:** No

**SECTION 4: FIRST AID MEASURES**

**Have the product container with you when calling a poison control center or doctor, or going for treatment.**

**IF IN EYES:** Immediately call a poison center, doctor or physician. If this product enters the eyes, open eyes while under gently running water. Use sufficient force to open eyelids. "Roll" eyes to expose more surface. Minimum flushing is for 15 minutes. Seek immediate medical attention. Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do then continue rinsing.

**IF ON SKIN OR CLOTHING (or hair):** If the product contaminates the skin, immediately begin decontamination with running water. Minimum flushing is for 15 minutes. Remove contaminated clothing, taking care not to contaminate eyes. If skin becomes irritated and irritation persists, medical attention may be necessary. Wash contaminated clothing before reuse, discard contaminated shoes.. Immediately call a poison center, doctor or physician.

**IF SWALLOWED:** CALL PHYSICIAN OR POISON CONTROL CENTER FOR MOST CURRENT INFORMATION. Rinse mouth. Do NOT induce vomiting. Unless advised otherwise by a poison control center or doctor, if able. Do not give anything by mouth to an unconscious person.

**IF INHALED:** Remove victim to fresh air and keep at rest in a position comfortable for breathing. If person is not breathing, call 911 or an ambulance, and then give artificial respiration, preferably mouth to mouth if possible. After high vapor exposure, remove to fresh air. If it is suspected that fumes are still present, the rescuer should wear an appropriate mask or self-contained breathing apparatus. Keep person warm and at rest. If breathing is difficult, give oxygen. If breathing has stopped, trained personnel should immediately begin artificial respiration. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband. If the heart has stopped, trained personnel should immediately begin cardiopulmonary resuscitation (CPR). Seek immediate medical attention. In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours.

**NOTES TO PHYSICIANS OR FIRST AID PROVIDERS:** There is no specific antidote. Treatment of overexposure should be directed at the control of symptoms and the clinical condition of the patient. Any material aspirated during vomiting may cause lung injury. Therefore, emesis should not be induced mechanically or pharmacologically. If it is considered necessary to evacuate the stomach contents, this should be done by means least likely to cause aspiration (such as: Gastric lavage after endotracheal intubation). Victims of chemical exposure must be taken for medical attention. Rescuers should be taken for medical attention, if necessary. Take a copy of label and SDS to physician or health professional with victim.

**SECTION 4 NOTES:** None

**SECTION 5: FIRE FIGHTING MEASURES**

**NFPA HAZARD CLASSIFICATION**

**HEALTH:** 3      **FLAMMABILITY:** 0      **REACTIVITY:** 0      **OTHER:** -

**IN CASE OF FIRE:** Water spray, dry chemical, carbon dioxide, and foam. Use water spray to keep fire-exposed containers cool.

**SPECIAL FIRE FIGHTING PROCEDURES:** Do not enter enclosed or confined workspaces without proper protective equipment. Fire fighting personnel should wear respiratory protection (positive pressure if available)

**UNUSUAL FIRE AND EXPLOSION HAZARDS:** Noncombustible. Isolate from acids .Closed containers may explode if exposed to extreme heat .Applying to hot surfaces requires special precautions.

**HAZARDOUS DECOMPOSITION PRODUCTS:** Incomplete combustion may produce carbon monoxide and other asphyxiates.

**SECTION 5 NOTES:** None

**SECTION 6: ACCIDENTAL RELEASE MEASURES**

**ACCIDENTAL RELEASE MEASURES:** Surround and absorb all spills. Material should be collected and disposed in proper manner. Dike the area to prevent spill from spreading. Soak up spill with a suitable absorbent such as clay, sawdust or kitty litter. Sweep up absorbed material and place in a chemical waste container for disposal. Wear suitable protective equipment. Proper protective equipment should be used. In case of a spill, clear the affected area, protect people, and respond with trained personnel.

**SECTION 6 NOTES:** If necessary, neutralize using suitable buffering material, (acid with soda ash or base with phosphoric

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acid), and test area with litmus paper to confirm neutralization.

### SECTION 7: HANDLING AND STORAGE

#### HANDLING

Keep out of reach of children. Read label before use. Do not eat, drink or smoke when using this product. Do not breathe dust, fume, gas, mist, vapors or spray. Wash contaminated areas thoroughly after handling. Wear protective gloves, protective clothing, eye protection and face protection. Wash contaminated clothing before reuse. Use only with adequate ventilation. Do not get in eyes, on skin or clothing. Wear OSHA Standard full face shield. Consult Safety Equipment Supplier. Wear goggles, face shield, gloves, apron & footwear impervious to material. Wash clothing before reuse. NEVER pour water into this substance. When dissolving or diluting, always add it slowly to the water.

#### STORAGE:

Store locked up. Store in a cool well-ventilated place. Keep in original container tightly closed. Do not reuse empty container. Keep separated from strong oxidants, strong acids, metals, food & feedstuffs. Keep dry. Do not store above 49 C/120 F. Keep container tightly closed & upright when not in use to prevent leakage. Wear full face shield, gloves & full protective clothing when opening or handling. When empty, drain completely, replace bungs securely. Do not store with food, feed, or other material to be used or consumed by humans or animals. Do not contaminate water supplies. For optimal storage, store between 40° and 90° F.

#### SECTION 7 NOTES:

None

### SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

#### Contains no substances with occupational exposure limit values


#### VENTILATION:

Good general ventilation (typically 10 air changes per hour) should be used. Use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits.


#### RESPIRATORY PROTECTION:

Not necessary unless ventilation is inadequate. Then use OSHA or NIOSH approved respirator, as appropriate.

#### EYE PROTECTION:

Chemical goggles and face shield.  

#### SKIN PROTECTION:

Chemical gloves, apron, long-sleeved shirts and pants. 

**OTHER PROTECTIVE CLOTHING OR EQUIPMENT:** Eye wash and safety shower should be easily accessible.

#### WORK HYGIENIC PRACTICES:

Wash thoroughly with soap and water after handling product and before eating, drinking, or using tobacco products. Clean affected clothing, shoes, and protective equipment before reuse.

#### EXPOSURE GUIDELINES:

If exposed, see section 4 for acute exposure first aid.

#### SECTION 8 NOTES:

None

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### SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE:	clear	FLAMMABLE LIMITS IN AIR, UPPER: (% BY VOLUME)	Unknown
ODOR:	mild	LOWER:	Unknown
ORDER THRESHOLD:	Not known	VAPOR PRESSURE (mmHg):	@
PHYSICAL STATE:	Liquid		F: Unknown
pH AS SUPPLIED:	~14	VAPOR DENSITY (AIR = 1):	@
pH (Other):			F: Unknown
INITIAL BOILING POINT:	F: Unknown	RELATIVE DENSITY:	~1.525
	C: Unknown		
BOILING POINT RANGE:	F: Unknown	EVAPORATION RATE: BASIS (butyl acetate=1):	Unknown
	C: Unknown		
MELTING POINT:	F: Unknown	SOLUBILITY IN WATER:	Soluble
	C: Unknown		
FREEZING POINT:	F: Unknown	PARTITION COEFFICIENT: (n-octanol/water):	Unknown
	C: Unknown		
FLASH POINT:	F: >200	AUTO-IGNITION TEMPERATURE:	Unknown
	C: >93	DECOMPOSITION TEMPERATURE:	Unknown
METHOD USED:	PMCC	VISCOSITY:	@ Not determined
FLAMMABILITY (solid, gas):	Can burn		F: Unknown
			C: Unknown

#### SECTION 9 NOTES: Values are not product specifications.

Note: These physical data are typical values based on material tested but may vary from sample to sample. Typical values should not be construed as a guaranteed analysis of any specific lot or as specification items.

### SECTION 10: STABILITY AND REACTIVITY

STABILITY:      Stable       Unstable

CONDITIONS TO AVOID (STABILITY):      Stable under normal conditions.

INCOMPATIBILITY (MATERIAL TO AVOID):      Avoid contact with strong oxidizing agents – reactions can occur. Reacts violently with fire extinguishers containing water.  
The substance is a strong base, reacts violently with acids and is corrosive.  
Reacts with water generating sufficient heat to ignite combustible materials.  
Reacts violently with strong acids, causing fire & explosion hazard. Attacks many plastics, rubber, coatings, many metals, such as aluminum, zinc, tin, & lead, forming flammable/explosive gas (hydrogen).  
Reacts with ammonium salts to produce ammonia & causing fire hazard.  
Rapidly absorbs carbon dioxide & water from the air.  
Contact with moisture will generate heat.

HAZARDOUS DECOMPOSITION OR BY-PRODUCTS:      Incomplete combustion may produce carbon monoxide and other asphyxiates, hydrogen chloride, phosgene, sodium oxide & hydroxide from heating.

HAZARDOUS POLYMERIZATION:      Will not occur

CONDITIONS TO AVOID (POLYMERIZATION):      None known

SECTION 10 NOTES:      None

### SECTION 11: TOXICOLOGICAL INFORMATION

TOXICOLOGICAL INFORMATION:      None

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### MIXTURE TOXICITY

#### EYE & SKIN CONTACT:

Severe burns to skin, defatting, dermatitis.  
Severe burns to eyes, redness, tearing, blurred vision.  
Liquid can cause severe skin & eye burns. Wash thoroughly after handling.

#### INHALATION:

Severe respiratory tract irritation may occur. Vapor harmful.  
The applicable occupational exposure limit value should not be exceeded during any part of the working exposure.

#### SWALLOWING:

Harmful or fatal if swallowed.

### COMPONENT TOXICITY

#### CHRONIC HAZARDS

#### CANCER, REPRODUCTIVE & OTHER CHRONIC HAZARDS:

This product has no carcinogens listed by IARC, NTP, NIOSH, OSHA or ACGIH, as of this date, greater or equal to 0.1%.

### SECTION 11 NOTES:

None

## SECTION 12: ECOLOGICAL INFORMATION

### ECOLOGICAL INFORMATION:

ALL WORK PRACTICES MUST BE AIMED AT ELIMINATING ENVIRONMENTAL CONTAMINATION.

### ECOTOXICITY:

This product may be harmful or fatal to plant and animal life if released into the environment.

### BIOACCUMULATIVE POTENTIAL:

Not available

### MOBILITY IN SOIL:

Not available

### OTHER ADVERSE EFFECTS:

Not available

### SECTION 12 NOTES:

None

## SECTION 13: DISPOSAL CONSIDERATIONS

### WASTE DISPOSAL METHOD:

Do not contaminate water, food or feed by storage or disposal. Dispose of contents in container to an approved waste disposal facility in accordance with all local, regional, national and international regulations.

### CONTAINER DISPOSAL:

Triple rinse (or equivalent) adding rinse water to application tank. Offer container for recycling or dispose of in a sanitary landfill or by other procedures approved by local regulations.

### RCRA HAZARD CLASS:

None

### SECTION 13 NOTES:

None

## SECTION 14: TRANSPORT INFORMATION

### U.S. DEPARTMENT OF TRANSPORTATION

#### NMFC: PROPER SHIPPING NAME:

#### DOT Shipping Description:

Corrosive Liquids, N.O.S



DOT/TOG SHIP NAME: UN1824 Sodium hydroxide solution 8 PG-II

DRUM LABEL: (CORROSIVE)

IATA / ICAO: UN1824 Sodium hydroxide solution 8 PG-II

IMO / IMDG: UN1824 Sodium hydroxide solution 8 PG-II

**U.S. Surface Freight Classification:** ADHESIVES, ADJUVANTS, SPREADERS OR STICKERS (NMFC 4610; CLASS: 60) Consult appropriate ICAO/IATA and IMDG regulations for shipment requirements in the Air and Maritime shipping modes.

### OTHER AGENCIES:

None

### SECTION 14 NOTES:

None

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### SECTION 15: REGULATORY INFORMATION

#### U.S. FEDERAL REGULATIONS

**TSCA (TOXIC SUBSTANCE CONTROL ACT):** Mixture not listed

**CERCLA (COMPREHENSIVE RESPONSE COMPENSATION, AND LIABILITY ACT):** Not Regulated

**SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT):** Not Regulated

#### 311/312 HAZARD CATEGORIES:

This product has been reviewed according to the EPA "Hazard Categories" promulgated under Section 311 and 312 of the Superfund Amendment and Reauthorization Act of 1986 (SARA Title III) and is considered, under applicable definitions, to meet the following categories:

Acute Health Hazard

#### 313 REPORTABLE INGREDIENTS:

CAS Number	Chemical Name	Concentration
1310-73-2	sodium hydroxide	25-40%
<b>INTERNATIONAL REGULATIONS:</b> None		

#### SECTION 15 NOTES:

### SECTION 16: OTHER INFORMATION

#### OTHER INFORMATION:

#### DISCLAIMER:

The recommendation for safe handling and protection procedures is believed to be generally suitable for the standard uses of this compound. However, each user should identify his intended uses of this material and determine whether they are appropriate. All data included in this document is released as typical values and should not be utilized to determine the suitability of this material for a particular use or purpose. No warranty, either expressed or implied, is hereby made, nor do we give permission, inducement, or recommendations to practice any patented invention without a license. All data is offered for consideration, investigation and verification purposes only.