

TW

9770

SAFETY DATA SHEET

HMIS Code:

| | |
|-----------------|---|
| HEALTH HAZARD | 3 |
| FIRE HAZARD | 0 |
| REACTIVITY | 1 |
| SPECIFIC HAZARD | |

SDS

SECTION I - IDENTIFICATION

PRODUCT TRADE NAME: TW

Chemical Family: Caustic Surfactant Cleaner

Formula: Proprietary

Product #: 9770

Date of Issue: 6/16/2016

Supplier:

C K ENTERPRISES, INC.
1204 SW Jefferson Street
Lee's Summit, Missouri 64081
(816) 524-1304

EMERGENCY CONTACT:

CHEMTREC - 1-800-424-9300

(For use only in the event of emergencies involving a spill, leak, fire, exposure, or accident involving chemicals)

SECTION II - HAZARDOUS IDENTIFICATION

DANGER



Health Hazards

Skin Corrosion/Irritation

Category 1

Serious eye damage/ eye irritation

Category 1

Physical Hazards

Corrosive to metals

Category 1

Precautionary Statements:

- Keep only in original container
- Do not breathe in mist, spray, fumes or vapors
- Wash hands thoroughly after handling
- Wear protective gloves/clothing/eye protection/face protection
- IF SWALLOWED: Rinse mouth. Do not induce vomiting.
- IF ON SKIN: Remove contaminated clothing. Rinse skin with water.
- IF INHALED: move to fresh air and keep in a position comfortable for breathing. Call a poison center or physician if you feel unwell.
- IF IN EYES: rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.
- Immediately call a poison center or physician
- Wash contaminated clothing before reuse
- Absorb spillage to prevent material damage
- Store locked up
- Store in a closed container
- Dispose of in accordance with all federal, state and local regulations

Hazard Statements:

- May be corrosive to metals
- Causes severe skin burns and eye damage

Potential Acute Effects:

Eyes- Can cause irritation to serious eye damage. Severity increases with duration of contact.

Skin- Can cause irritation to burns depending on duration of contact.

Inhalation- Can cause irritation and burns to respiratory tract.

Ingestion- Do not take internally. Will cause burning of the digestive tract. Corrosive to the mucous membranes of the mouth, throat, esophagus and stomach. Causes nausea, and vomiting with gastrointestinal disorder.

SECTION III - COMPOSITION INFORMATION

| <u>Name of Hazardous Ingredients</u> | <u>CAS Number</u> | <u>% by Weight</u> |
|--------------------------------------|-------------------|--------------------|
| Potassium Hydroxide | 1310-58-3 | <5 |
| 2-butoxyethanol | 111-76-2 | <5 |
| Sodium Tripolyphosphate | 7758-29-4 | <5 |
| Dodecyl Benzenesulfonic Acid | 27176-87-0 | <5 |

SECTION IV - FIRST AID MEASURES

Emergency First Aid Procedures:

IN EYES: Flush immediately with clean water for 15 minutes.

Get medical attention if discomfort persists.

ON SKIN: Flush with plenty of clean soap and water. Seek medical attention if a rash occurs or irritation continues.

INHALATION: Remove person to fresh air. Begin CPR if breathing has stopped and seek immediate medical attention.

INGESTION: Seek immediate medical attention. Dilute by giving two glasses of water to drink. Never give anything to an unconscious person orally. Do not induce vomiting.

SECTION V - FIREFIGHTING MEASURES

Flash Point (Method Used): N/A

Flammable Limits: LEL: N/A UEL:N/A

Extinguishing Media: Media applicable to surrounding fire

Special Fire Fighting Procedures: N/A

Hazardous Combustion Products: None

SECTION VI - ACCIDENTAL RELEASE MEASURES

Steps To Be Taken If Released or Spilled: All spilled material must be contained and kept out of waterways, sewers and drains. The spilled chemical should be absorbed with an inert material. Flush cleaned area thoroughly with water.



CK Enterprises, Inc.

SECTION VII - HANDLING AND STORAGE

Precautions To Be Taken In Handling and Storage: Store indoors and keep from freezing. Keep container tightly closed when not in use. Have eyewash accessible to use in handling area. **KEEP OUT OF THE REACH OF CHILDREN.**

SECTION VIII - EXPOSURE CONTROLS/PERSONAL PROTECTION

| Product Name | OSHA PEL | NIOSH REL | AIHA WEEL | ACGIH TLV |
|---------------------------------|----------|--------------------|-----------|--------------------|
| Potassium Hydroxide (1310-58-3) | - | 2mg/m ³ | - | 2mg/m ³ |
| 2-butoxyethanol (111-76-2) | 50ppm | 5ppm | - | 20ppm |

- **Respiratory Protection:** Not normally required unless TLV is exceeded
- **Ventilation:** Use in a well-ventilated area
- **Protective Gloves:** Rubber or neoprene gloves
- **Eye Protection:** Safety glasses or chemical splash goggles
- **Other Protective Equipment:** None
- **Hygienic Practices:** Ensure strict sanitary conditions are conformed to when working around chemicals. Protective clothing and equipment should be in accordance with 29 CFR 1910.132 and 1910.133.

SECTION IX - PHYSICAL AND CHEMICAL PROPERTIES

| | |
|--------------------------------------|---------------------------------|
| Boiling Point: | 212°F |
| Specific Gravity (Water = 1): | 1.065-1.085 |
| Vapor Pressure: | N/A |
| Vapor Density (Air = 1): | N/A |
| Evaporation Rate (Water = 1): | 1 |
| Solubility in Water: | Soluble |
| pH @ 100% solution: | 13.0-14.0 |
| Appearance/Odor: | Red-Orange liquid; Mild odor |

SECTION X - STABILITY AND REACTIVITY

Stability Data: Stable
Incompatibility: Acids and soft metals such as aluminum and copper
Hazardous Decomposition Products: None
Hazardous Polymerization: Will not occur

SECTION XI - TOXICOLOGICAL INFORMATION

| | |
|---------------------------|--|
| Routes of Entry | Dermal, Oral, and Inhalation |
| Symptoms | Irritation to burns |
| Skin Irritant | Yes |
| Eye Irritant | Yes |
| Sensitizers | Not determined |
| Mutagenicity | No information found |
| Carcinogenicity | Group 3 (IARC): 2-butoxyethanol (111-76-2) |
| Reproductive | No information found |
| Target Organs | See section 2 |
| Aspiration Hazards | No information found |

There is no toxicological data for this product as a whole. Based on relevant ingredients with known acute toxicity, the acute toxicity estimate (ATE) using the additive formula has been determined.

| Test | Results | Basis |
|-------------------|-------------|----------------------------------|
| Dermal | 13,401mg/kg | ATE determined beyond Category 4 |
| Oral | 6,469mg/kg | ATE determined beyond Category 4 |
| Inhalation | 6.77 mg/l | ATE determined beyond Category 4 |

SECTION XII - ECOLOGICAL INFORMATION

No ecological information available.

SECTION XIII - DISPOSAL CONSIDERATIONS

Waste Disposal Method: Dispose of in accordance with all Federal, State and Local pollution control regulations.

SECTION XIV - TRANSPORT INFORMATION

Proper Shipping Name: Potassium Hydroxide Solution
D.O.T. Classification: 8/CORROSIVE/UN1814/PGII
D.O.T. Placard: UN1814/CORROSIVE
Precautions to be taken in transportation: Keep container tightly closed.

SECTION XV - REGULATORY INFORMATION

This product contains the following toxic chemicals subject to the reporting requirements of Section 313 of the Emergency Planning and Community Right-To-Know Act of 1986 and of 40 CFR 372:

| | |
|---------------------------|-----------------|
| CAS # | 111-76-2 |
| Chemical Name: | 2-butoxyethanol |
| Percent by Weight: | <5% |

The following substances have CERCLA reportable quantity values (in pounds):

| | | |
|-------------------------------------|-------------------|--------------|
| Potassium Hydroxide | 1310-58-3 | 1,000 |
| Sodium Tripolyphosphate | 7758-29-4 | 5,000 |
| Dodecyl Benzenesulfonic Acid | 27176-87-0 | 1,000 |

SECTION XVI - OTHER INFORMATION

Date Issued: 6/16/2016 **Supersedes:** 5/23/2016

This information must be included in all Safety Data Sheets that are copied and distributed for this material.

The information contained herein is based on the data available to us and is believed to be accurate. However, no warranty is expressed or implied regarding the accuracy of this data or the results to be obtained from the use thereof. We assume no responsibility for injuries from the use of the product described herein.