

Safety Data Sheet

MANUFACTURED FOR:



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Section 1. Chemical Product and Company Identification

Product Name CCL 1398
Product Use Alkaline Cleaner
Product Code 3888-8344-B5
Date of Issue 5/16/2016
Supersedes -

Emergency Telephone Numbers

CHEMTREC- 1-800-424-9300

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

Section 2. Hazards Identification

Emergency Overview

DANGER



Health Hazards

| | |
|---|------------|
| Acute Toxicity, Oral | Category 4 |
| Skin Corrosion/Irritation | Category 2 |
| Serious eye damage/ eye irritation | Category 1 |
| Specific Target Organ Toxicity, Single Exposure, respiratory irritation | Category 3 |

Precautionary Statements:

| | |
|----------------|--|
| P102 | Keep out of the reach of children |
| P235 | Keep cool |
| P260 | Do not breathe dust/fume/gas/mist/vapors/spray. |
| P270 | Don not eat, drink, or smoke while using this product. |
| P303+P361+P353 | IF ON SKIN (or hair): Remove/take off immediately all contaminated clothing. Rinse skin with water/shower. |
| P363 | Wash contaminated clothing before reuse |
| P305+P351+P338 | IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. |
| P264 | Wash hands thoroughly after handling |
| P280 | Wear protective gloves, protective clothing and eye protection |
| P301+P330+P331 | IF SWALLOWED: rinse mouth. Do NOT induce vomiting. |
| P301+P312 | IF SWALLOWED: call a POISON CENTER or doctor/physician if you feel unwell. |
| P304+P340 | IF INHALED: Remove victim to fresh air and Keep at rest in a position comfortable for breathing. |
| P308+P313 | If exposed or concerned: get medical advice/attention |
| P402 | Store in a dry place |
| P501 | Dispose according to all Federal State and local and regional regulations |

Hazard Statements:

| | |
|------|----------------------------------|
| H302 | Harmful if swallowed |
| H315 | Causes skin irritation |
| H318 | Causes serious eye damage |
| H335 | May cause respiratory irritation |

Routes of Entry **Dermal, Oral, and Inhalation**

Acute Effects:

| | |
|-------------------|--|
| Eyes | Results of exposure can range from irritation to serious eye damage. Severity of damage increases with duration of contact. |
| Skin | Results of exposure can cause rash-like symptoms. |
| Inhalation | Will cause severe irritation to respiratory tract. |
| Ingestion | Corrosive to the mucous membranes of the mouth, throat, esophagus, and stomach. Causes burns, nausea, and vomiting with gastrointestinal disorder. |

Section 3. Composition/Information on Ingredients

| Name of Hazardous Ingredients | CAS Number | % by Weight |
|--------------------------------------|-------------------|--------------------|
| 2-butoxyethanol | 111-76-2 | 5 |
| Potassium Hydroxide | 1310-58-2 | <5 |
| Sodium Metasilicate Pentahydrate | 10213-79-3 | 3 |

Section 4. First Aid Measures

| | |
|---------------------|--|
| Eye Contact | Flush eyes immediately with clean water for at least 15minutes. Seek immediate medical attention. |
| Skin Contact | If irritation occurs, flush with plenty of water and wash with soap. Remove contaminated clothing and wash before reuse. Seek medical attention if irritation continues. |
| Inhalation | Remove person to fresh air. Begin CPR if breathing has stopped, and seek medical attention immediately |
| Ingestion | Do not induce vomiting. If conscious, give several glasses of water or milk. |

Section 5. Fire Fighting Measures

National Fire Protection Association (U.S.A)
(estimated rating)



| | |
|---------------------------------------|--|
| Hazardous Combustion Products | None known |
| Extinguishing Media | None needed |
| Unsuitable Extinguishing Media | N/A |
| Fire Fighting Procedures | Any method applicable to surrounding fire. |

Section 6. Accidental Release Measures

| | |
|-----------------------|---|
| Spill Clean Up | 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. Slippery material, flush small spills to closest drain with plenty of water. |
|-----------------------|---|

Section 7. Handling and Storage

| | |
|-----------------|--|
| Handling | Take safety precautions when handling material. Keep out of the reach of children. Keep away from unauthorized personnel. Have eyewash accessible to use in handling area. |
| Storage | Keep container tightly closed when not in use. Store in a cool dry place. Do not store near acidic material. Keep at room temperature. |

Section 8. Exposure Controls/Personal Protection**Exposure Limits**

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

Engineering Controls Use in well-ventilated area. Wear NIOSH approved respirator if exposure limits are exceeded or local ventilation is poor.



Personal Protective Equipment (PPE)

Eyes Safety glasses or chemical splash goggles are recommended
Body Rubber aprons and gloves are recommended when handling this product.
Respiratory Not required with adequate ventilation.

Section 9. Physical and Chemical Properties

| | | | |
|-------------------------|----------------|------------------------------|-------------------|
| Physical State | Liquid | Explosive Limits | Not determined |
| Color | Purple | Vapor Pressure | Not determined |
| Odor | Citrus | Vapor Density | Not determined |
| Odor Threshold | Not determined | Relative Density | Not determined |
| pH | 13-13.5 | Solubility | Complete in Water |
| Freezing Point | Not determined | Partition Coefficient | Not determined |
| Boiling Point | Not determined | Auto-Ignition Temp. | Not determined |
| Flash Point | Not determined | Decomposition Temp. | Not determined |
| Evaporation Rate | Not determined | Viscosity | Not applicable |
| Flammability | Not determined | Specific Gravity | 1.08-1.1 |

Section 10. Stability and Reactivity

| | |
|---|--|
| Stability and Reactivity | Stable |
| Incompatibility | Strong oxidizing agents and strong acids |
| Hazardous Polymerization | Will not occur |
| Hazardous Decomposition Products | None known |
| Conditions to Avoid | High temperatures |

Section 11. Toxicological Information

| | |
|------------------------------|---|
| Routes of Entry | Dermal, Oral, and Inhalation |
| Symptoms | Slight irritation. Symptoms increase in severity with prolonged contact. Ingestion can cause corrosion. |
| Skin Irritant | Yes |
| Eye Irritant | Yes |
| Sensitizers | Not determined |
| Mutagenicity | No information found |
| Carcinogenicity | None |
| Reproductive Toxicity | No information found |
| Target Organs | None |

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

Acute Toxicity

| Test | Results | Basis |
|-------------------|-------------------|------------------------------------|
| Dermal | 3,062mg/kg | ATE determined beyond Category 4 |
| Oral | 1,043mg/kg | ATE determined for oral Category 4 |
| Inhalation | No info available | |

Section 12. Ecological Information

Environmental Effects No environmental information available.

Section 13. Disposal Considerations

Waste Information Check with Federal, State, and Local authorities for regulations regarding the disposal of RCRA Hazardous Waste.

Section 14. Transportation Information

| Regulatory Information | UN number | Proper Shipping Name | Classes | Packaging Group | Label Code |
|------------------------|-----------|------------------------------|---------|-----------------|------------|
| DOT Classification | UN1814 | Potassium Hydroxide Solution | 8 | PGII | Corrosive |

Note: DOT Classification applies to most packaging sizes. For specific container size classifications or for size exceptions, refer to the Bill of Lading with your shipment.

Section 15. Regulatory Information

US Federal Regulations The following substance is subject to reporting requirements in the SARA act Section 313:
2-butoxyethanol 111-76-2 5%

State Regulations None

Section 16. Other Information

Last Revision 5/16/2016

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.