

Safety Data Sheet



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Section 1. Chemical Product and Company Identification

Product Name Cleaner 416-C
Product Use Self-Foaming Heavy Duty Cleaner
Product Code 8250
Date of Issue 6/16/2017
Supersedes 7/19/2016

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 1 |
| Serious eye damage/ eye irritation | Category 1 |

Precautionary Statements:

| | |
|---------------------|--|
| P260 | Do not breathe in mist, vapors or sprays |
| P264 | Wash hands thoroughly after handling |
| P270 | Do not eat, drink or smoke while using this product |
| P280 | Wear protective gloves, clothing and eye protection |
| P301+P330+P331+P312 | IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. Call a poison center or physician if you feel unwell. |
| P303+P361+P353 | IF ON SKIN (or hair): Remove contaminated clothing. Rinse skin with water/shower. |
| P304+P340 | IF INHALED: Remove victim to fresh air and keep in a recovery position comfortable for breathing. |
| P305+P351+P338 | IF IN EYES: Rise cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing. |
| P310 | Immediately call a poison center or physician |
| P363 | Wash all contaminated clothing before reuse |
| P405 | Store locked up |
| P501 | Dispose of in accordance with all federal, state, and local regulations |

Hazard Statements:

| | |
|------|---|
| H302 | Harmful if swallowed |
| H314 | Causes severe skin burns and eye damage |

Routes of Entry Dermal, Oral, and Inhalation

Acute Effects:

| | |
|-------------------|--|
| Eyes | Causes irritation to serious eye damage including blindness. Severity increases with duration of contact. |
| Skin | Causes irritation to burns depending on duration of contact. |
| Inhalation | Breathing of vapors or mist will cause irritation and burns to the respiratory tract. |
| Ingestion | Corrosive to the mucous membranes of the mouth, throat, esophagus and stomach. Causes burns, nausea, and vomiting with gastrointestinal disorder. Can be fatal if swallowed. |

Section 3. Composition/Information on Ingredients

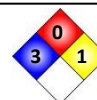
| <u>Name of Hazardous Ingredients</u> | <u>CAS Number</u> | <u>% by Weight</u> |
|--------------------------------------|-------------------|--------------------|
| Sodium Hydroxide | 1310-73-2 | <35 |
| Oxyalkylated Linear Alcohol | - | <2 |
| Sodium Gluconate | 527-07-1 | 5 |

Section 4. First Aid Measures

| | |
|---------------------|--|
| Eye Contact | Flush immediately with plenty of water for 15 minutes, holding eyelids apart. Seek immediate medical attention. |
| Skin Contact | If irritation occurs, flush with plenty of clean water. Use soap if available. Remove contaminated clothing; wash before reuse. Seek medical attention if rash occurs, or if irritation continues. |
| Inhalation | Remove to fresh air. Begin CPR if breathing has stopped and seek immediate medical attention. |
| Ingestion | Do not induce vomiting. Give several glasses of water. Never give anything to an unconscious person orally. Seek immediate medical attention. |

Section 5. Fire Fighting Measures

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



| | |
|---------------------------------------|--|
| Hazardous Combustion Products | N/A |
| Extinguishing Media | Media applicable to surrounding fire |
| Unsuitable Extinguishing Media | N/A |
| Fire Fighting Procedures | Wear personal protective equipment. Use water spray to cool fire-exposed containers. |

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. |
|-----------------------|--|

Section 7. Handling and Storage

| | |
|-----------------------------|--|
| Handling and Storage | Keep container tightly closed when not in use. Store away from strong acids. Store product indoors and keep from freezing. Keep out of the reach of children. Have eyewash accessible to use in handling area. |
|-----------------------------|--|

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

| <u>Product Name</u> | <u>OSHA PEL</u> | <u>NIOSH REL</u> | <u>AIHA WEEL</u> | <u>ACGIH TLV</u> |
|------------------------------|--------------------|--------------------|------------------|--------------------|
| Sodium Hydroxide (1310-73-2) | 2mg/m ³ | 2mg/m ³ | | 2mg/m ³ |

Engineering Controls Local exhaust if normally adequate. Use mechanical ventilation if build-up of mist or vapors is likely.

**Personal Protective Equipment (PPE)**

| | |
|--------------------|--|
| Eyes | Chemical splash goggles and face shield |
| Body | Rubber or neoprene gloves; rubber boots and suit |
| Respiratory | Use NIOSH approved respirator if exposure limits are reached or exceeded |

Section 9. Physical and Chemical Properties

| | | | |
|-------------------------|---------------|------------------------------|-----------|
| Physical State | Liquid | Explosive Limits | N/A |
| Color | Brown | Vapor Pressure | 17 mmHg |
| Odor | N/A | Vapor Density | >1 |
| Odor Threshold | N/A | Relative Density | N/A |
| pH | 12-14 | Solubility | Complete |
| Freezing Point | N/A | Partition Coefficient | N/A |
| Boiling Point | >212°F | Auto-Ignition Temp. | N/A |
| Flash Point | None | Decomposition Temp. | N/A |
| Evaporation Rate | N/A | Viscosity | N/A |
| Flammability | Non-Flammable | Specific Gravity | 1.35-1.40 |

Section 10. Stability and Reactivity

| | |
|---|-----------------------|
| Stability and Reactivity | Stable |
| Incompatibility | Acids and soft metals |
| Hazardous Polymerization | Will not occur |
| Hazardous Decomposition Products | None |
| Conditions to Avoid | N/A |

Section 11. 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 | 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 | 61,040 mg/kg | ATE determined beyond Category 4 |
| Oral | 599 mg/kg | ATE determined Category 4 |
| Inhalation | No data | |

Section 12. Ecological Information

Environmental Effects No ecological information available

Section 13. Disposal Considerations

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

Section 14. Transportation Information

| Regulatory Information | UN number | Proper Shipping Name | Classes | Packaging Group | Label Code |
|------------------------|-----------|---------------------------|---------|-----------------|------------|
| DOT Classification | UN1824 | Sodium 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 substances are listed as a toxic chemical and are subject to report under the SARA act Section 313: None

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

State Regulations None

| | | |
|-------------------------|------------------|--------------|
| Sodium Hydroxide | 1310-73-2 | 1,000 |
|-------------------------|------------------|--------------|

Section 16. Other Information

Last Revision 6/16/2017

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.