

**SECTION 1: Identification and Supplier/Manufacturer's Information**

**1.1. Product identifier**

Product form: Compounded Product  
 Product name: Super Cleaner Concentrate  
 Product code: 1009-5C

**1.2. Relevant identified uses of the substance or mixture and uses advised against**

Use of the substance/mixture: Heavy Duty Degreaser

**1.3. Details of the supplier of the safety data sheet**

Pioneer Chemical T 310-366-7393  
 13717 S. Normandie Ave. F 310-366-7193  
 Gardena, CA 90249 - USA www.pioneerchem.com

**1.4. Emergency telephone number**

Emergency number: INFOTRAC: 800-535-5053

**SECTION 2: Hazards identification**

**2.1. Classification of the substance or mixture**

Classification (GHS-US) H320 Eye Irritation 2B

**2.2. Label elements**

**GHS-US labeling**

Hazard pictograms:



Hazard statements: Causes eye irritation.

Signal word: WARNING

Precautionary statements:

Wash hands and forearms thoroughly after handling.

If in eyes: 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.

**2.3. Hazard not otherwise classified (HNOC)**

No additional information available

**2.4. Unknown acute toxicity (GHS-US)**

No data available

**SECTION 3: Composition/information on ingredients**

**3.1. Substance**

Not applicable

Full text of H-phrases: see section 16

**3.2. Mixture**

Name	Product identifier	%	Classification (GHS-US)
Ethylene Glycol Monobutyl Ether	(CAS No) 000111-76-2	< 8	Skin Irritation- Category 2, Eye Irritation-Category 2, Flammable Liquid Category 4, Acute toxicity, Dermal Category 4, Acute toxicity Inhalation Dust/Mist Category 4, Acute toxicity Oral Category 4
Monoethanolamine	(CAS No) 000141-43-5	< 1	Acute Oral Toxicity (Category 4), Acute Inhalation Toxicity (Category 4), Skin Corrosion (Category 1B), Serious Eye Damage (Category 1), STOT-SE Respiratory Tract Irritation (Category 3), Acute Aquatic Toxicity (Category 3)
Sodium Carbonate	(CAS No) 497-19-8	< 1	Category 2A

(NOTE: If component displays the \* (asterisk) symbol, the following statement applies.)

\*Chemical name, CAS number and/or exact concentration have been withheld as a trade secret

**SECTION 4: First aid measures****4.1. Description of first aid measures**

First-aid measures general:	Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).
First-aid measures after inhalation:	Remove to fresh air. Obtain physical attention if respiratory irritation occurs or if breathing becomes difficult.
First-aid measures after skin contact:	Immediately flush skin with plenty of water for at least 15 minutes while removing contaminated clothing. Seek medical attention if irritation occurs.
First-aid measures after eye contact:	Flush with water for 15 minutes. Seek medical attention immediately.
First-aid measures after ingestion:	DO NOT INDUCE VOMITING. Two glasses of water should be consumed to dilute. Never give anything by mouth to an unconscious person. Get immediate medical attention to determine if evacuation of stomach is

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

Symptoms/injuries:	No chronic effects reported.
Symptoms/injuries after skin contact:	Prolonged contact with the skin will cause irritation and may cause dermatitis.
Symptoms/injuries after eye contact:	Exposure to liquid will cause eye irritation.
Symptoms/injuries after ingestion:	Swallowing may cause irritation to the throat, mouth, and digestive tract accompanied by nausea and vomiting.
Symptoms/injuries after inhalation:	Prolonged exposure to vapors in poorly ventilated areas may cause irritation of the mucous membranes of the respiratory tract.

**4.3. Indication of any immediate medical attention and special treatment needed**

No additional information available

**SECTION 5: Firefighting measures****5.1. Extinguishing media**

Suitable extinguishing media:	N/A
Unsuitable extinguishing media:	N/A

**5.2. Special hazards arising from the substance or mixture**

Fire hazard:	Not flammable.
Reactivity:	Will react with strong acids, oxidizers, and sodium nitrate.

**5.3. Advice for firefighters**

Firefighting instructions:	Dilution of burning liquid with large volumes of water will effect extinguishments.
Protection during firefighting:	Firefighters should wear self-contained breathing apparatus.

**SECTION 6: Accidental release measures****6.1. Personal precautions, protective equipment and emergency procedures**

General measures:	Wash with soap and water before handling food. Remove contaminated clothing. Use conditions will vary depending on customer's applications. Specific safe handling procedures should be developed by a person knowledgeable of the intended use conditions and equipment.
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**6.1.1. For non-emergency personnel**

Emergency procedures :	Evacuate unnecessary personnel.
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**6.1.2. For emergency responders**

Protective equipment:	None required under normal use conditions.
Emergency procedures:	Ventilate area.

**6.2. Environmental precautions**

Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters.

**6.3. Methods and material for containment and cleaning up**

For containment:	Absorb with absorbent and place in suitable container or pick up material with vacuum truck.
Methods for cleaning up:	Flush spill area with water to remove any residue. Extinguish all surrounding ignition sources. For large spills, notify local, state and federal regulatory agencies as required.

**6.4. Reference to other sections**

See Heading 8. Exposure controls and personal protection.

**SECTION 7: Handling and storage****7.1. Precautions for safe handling**

Precautions for safe handling: Maintain adequate ventilation. Avoid eye contact. Follow emergency and first aid procedures.  
Hygiene measures: Wash with soap and water before handling food. Remove contaminated clothing. Use conditions will vary depending on customer's applications. Specific safe handling procedures should be developed by a person knowledgeable of the intended use conditions and equipment.

**7.2. Conditions for safe storage, including any incompatibilities**

Technical measures: Comply with applicable regulations.  
Incompatible products: Strong acids, oxidizers, and sodium nitrate.  
Storage area: Store in a cool, place. Maintain container closed. Keep out of reach of children.

**SECTION 8: Exposure controls/personal protection****8.1. Control parameters**

No data available

**8.2. Exposure controls**

Personal protective equipment: Avoid all unnecessary exposure.  
Hand protection: Wear protective gloves.  
Eye protection: Where eye contact may occur, wear chemical splash goggles.  
Skin and body protection: Wear impervious clothing to prevent contact.  
Respiratory protection: None required under normal use conditions.  
  
Other information: When using, do not eat, drink or smoke.  
Appropriate engineering controls: Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.

**SECTION 9: Physical and chemical properties****9.1. Information on basic physical and chemical properties**

Physical state:	Liquid	Relative evaporation rate (butyl acetate=1):	No data available
Color:	Clear Yellow	Partition Coefficient n-Octanol-Water:	No data available
Odor:	Lemon	Flammability (solid, gas):	Not flammable
Odor threshold:	No data available	Vapor pressure:	No data available
pH:	11	Vapor density:	No data available
Melting point:	N/A	Specific Gravity @ 77° F:	1.04
Freezing point:	No data available	Solubility:	Water: Complete
Boiling point:	> 212 °F	Flash point:	Will not flash.
Explosive limits:	No data available	Auto-ignition temperature:	No data available
Viscosity:	No data available	Decomposition temperature:	No data available

**9.2. Other information**

No data available

**SECTION 10: Stability and reactivity****10.1. Reactivity**

Reacts with strong acids. Reacts with oxidizers. Reacts with sodium nitrate. Carbon monoxide and carbon dioxide may be liberated as well as unidentified organic compounds in black smoke.

**10.2. Chemical stability**

Stable under normal conditions.

**10.3. Possibility of hazardous reactions**

None

**10.4. Conditions to avoid**

None known

**10.5. Incompatible materials**

Strong acids, oxidizers and sodium nitrate

**10.6. Hazardous decomposition products**

Carbon monoxide and carbon dioxide may be liberated as well as unidentified organic compounds in black smoke.

**SECTION 11: Toxicological information****11.1. Information on toxicological effects**

No Data Available

**SECTION 12: Ecological information**

No Data Available

**12.2. Persistence and degradability**

No Data Available

**12.3. Bioaccumulative potential**

No Data Available

**12.4. Other adverse effects**

Other information: Avoid release to the environment.

**SECTION 13: Disposal considerations****13.1. Waste treatment methods**

Waste disposal recommendations: Dispose of contents/container in accordance with Local, State, and Federal regulations.

Ecology - waste materials: Do not discharge into lakes, streams or public water.

**SECTION 14: Transport information****14.1. UN Number**

UN-No.(DOT): N/A

Other information: N/A

**14.2. UN proper shipping name**

DOT Proper Shipping Name: N/A

Hazard labels (DOT): N/A

**SECTION 15: Regulatory information****15.1. US Federal regulations**

All components of this product are listed on the Toxic Substances Control Act (TSCA) inventory

This product or mixture does not contain a toxic chemical or chemicals in excess of the applicable de minimis concentration as specified in 40 CFR §372.38(a) subject to the reporting requirements of section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372.

**15.2. International regulations****CANADA****EU-Regulations**

Classification according to Regulation (EC) No. 1272/2008 [CLP]

Classification according to Directive 67/548/EEC or 1999/45/EC

Not classified

**15.2.2. National regulations****15.3. US State regulations**

California Proposition 65 - This product does not contain any substances known to the state of California to cause cancer and/or reproductive harm

**SECTION 16: Other information**

Abbreviations Legend:

Acute Tox. 4 (Oral)	Acute toxicity (oral) Category 4	H290	May be corrosive to metals
Eye Dam. 1	Serious eye damage/eye irritation Category 1	H302	Harmful if swallowed
Eye Irrit. 2A	Serious eye damage/eye irritation Category 2A	H314	Causes severe skin burns and eye damage
Met. Corr. 1	Corrosive to metals Category 1	H318	Causes serious eye damage
Skin Corr. 1A	Skin corrosion/irritation Category 1A	H319	Causes serious eye irritation
Skin Corr. 1B	Skin corrosion/irritation Category 1B	H335	May cause respiratory irritation
STOT SE 3	Specific target organ toxicity (single exposure) Category 3		

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ALL NON-EMERGENCY QUESTIONS SHOULD BE DIRECTED TO CUSTOMER SERVICE (310) 366-7393

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