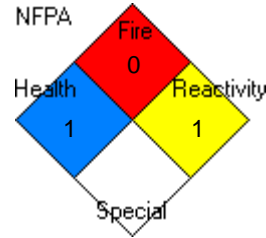


**MSDS - Material Safety Data Sheet****Product Name: Chlorinated Machine Dishwashing Compound #437****MSDS No.: 183****I. Basic Information:**

**Manufacturer:** Ohio Soap Products  
**Address:** 3319 Regent Rd.  
**City, ST Zip:** Cleveland, OH 44127

**Last Update:**

**Chemical State:**  Liquid  Gas  Solid

**Chemical Type:**  Pure  Mixture

1	Health
0	Flammability
1	Reactivity
	Pers. Protection

**II. Ingredients:**

CAS No.	Chemical Name	% Range	EHS	NTP	IARC	SARA SUB Z 313	OSHA PEL	ACGIH TLV	Other Limits
497198	Sodium carbonate								
2893789	Sodium dichloroisocyanurate								
6834920	Sodium metasilicate								

**III. Hazardous Identification:****Hazard Category:**

Acute  Chronic  Fire  Pressure  Reactive

**Hazardous Identification Information:****IV. First Aid Measures:****Route(s) of Entry:**

Eyes, inhalation, ingestion, skin.

**Health Hazards (Acute and Chronic):**

Acute.

**Signs and Symptoms:**

Irritation of skin and eyes, headache, dizziness, nausea.

**Medical Conditions Generally Aggravated by Exposure:**

None known.

**Emergency and First Aid Procedures:**

Eye-Flush eyes with large amounts of water for 15 minutes. Get medical attention if discomfort persists. Skin-Flush all skin contact areas with water for 15 minutes. Use mild soap. Seek medical attention if discomfort persists. Inhalation-Avoid excessive contact with mist. Move subject to fresh air. Give artificial respiration if breathing has stopped. Ingestion-Dilute by giving 2 glasses of water to drink. Do not give in unconscious. Do not induce vomiting. Call local poison control center.

**Other Health Warnings:**

## MSDS - Material Safety Data Sheet

**Product Name:** Chlorinated Machine Dishwashing Compound #437

**MSDS No.:** 183

None.

### V. Fire Fighting Measures:

**Flash Point:** NA                      **Lower Explosive Limit:** NA                      **Upper Explosive Limit:** NA  
**Fire Extinguishing Media:** Water, fog, foam, dry chemical.

**Special Fire Fighting Procedures:**

Use self contained breathing apparatus in confined environment.

**Unusual Fire and Explosion:**

When heated to decomposition, potential release of CO<sub>2</sub>,

### VI. Accidental Release Measures:

**Steps to be Taken in Case Material is Released or Spilled:**

Contain spills and leaks to prevent discharge into the environment. Use sand, earth, absorbent, etc. Consult local regulatory agency for proper disposition of material.

### VII. Handling and Storage:

**Precautions to be Taken:**

Do not store in areas of high temperature. Do not store in areas of oxidizing/reducing agents.

**Other Precautions:**

Please read and follow the directions on the product label. Take the necessary safety precautions to protect your health.

### VIII. Exposure Controls/Personal Protection:

**Ventilation Requirements:**

Ventilation recommended to control mist.

**Personal Protective Equipment:**

Protective gloves and eye protection recommended. Cover all exposed skin areas to avoid contact. Wash all contaminated clothes before reuse.

### IX. Physical and Chemical Properties:

**Boiling Point:** NA                      **Melting Point:** NA                      **Evaporation Rate:** NA  
**Vapor Pressure (mm Hg.):** NA                      **Vapor Density (AIR = 1):** NA  
**Solubility In Water:** Appreciable.  
**Appearance and Odor:** White powder, slight chlorine odor.  
**Other Information:** None.

### X. Stability and Reactivity:

**Stability:**

Stable.

## ***MSDS - Material Safety Data Sheet***

***Product Name: Chlorinated Machine Dishwashing Compound #437***

***MSDS No.: 183***

**Incompatibility (Materials to Avoid):**

Aluminum.

**Decomposition/By Products:**

When heated to decomposition potential release of SO<sub>x</sub>, PO<sub>x</sub>, Na<sub>2</sub>O, Cl.

**Hazardous Polymerization:**

Will not occur.

***XI. Toxicological Information:***

Not established.

***XII. Ecological Information:***

Not established.

***XIII. Disposal Considerations:***

Dispose in accordance to federal, state, and local regulation.

***XIV. Transport Information:***

Not regulated.

***XV. Regulatory Information:***

Not regulated.

***XVI. Other Information:***

Distributed by: The Janton Company 1288 N. High St. Columbus, Ohio 43201  
G&L Supply Company 139 N. Diamond St. Mansfield, Ohio 44901

EMERGENCY TELEPHONE NUMBER 216-641-2050