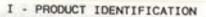
### MATERIAL SAFETY DATA SHEET





COMPANY NAME: Calgon Corporation

D. O. Dev. 1246

ADDRESS: P. O. Box 1346 24 Hour Emergency Telephone

Pittsburgh, PA 15230-1346 (412) 777-8000

PRODUCT NAME: RT-806 Product No.: 1933

Synonyms: Alkaline Detergent

## II - HAZARDOUS INGREDIENTS OF MIXTURES

MATERIAL: (CAS#)		: % By Wt.	S By Wt.   TLV   PEL		
Sodium Metasilicate Sodium Hydroxide	(6834-92-0) (1310-73-2)	<25 <15	N/A 2mg/m3	N/A 2mg/m3	
Sodium Nitrite	(7632-00-0)	<10	(ceiling)		

### III- PHYSICAL DATA

Vapor Pressure, mm Hg: Solid Evaporation Rate(ether=1): N/A Solubility in H2O: Complete Freezing Point F: N/A Boiling Point F: Solid Specific Gravity H2O=1 @25C: Solid

Vapor Density (Air=1)60-90F: Solid % Volatile by wt Solid pH @ 1% Solution 12.1-12.5 pH as Distributed: N/A Appearance: Tan powder Odor: Mild chemical odor

### IV - FIRE AND EXPLOSION

Flash Point F: Not flammable | Flammable Limits: N/A

Extinguishing Media: If involved in fire, flood with plenty of water.

Special Fire Fighting Procedures: Exercise caution when fighting any chemical fire. Respiratory protection is essential.

Unusual Fire and Explosion Hazards: Product contains sodium nitrate which is an oxidizer. Contact with combustible material may cause a fire.

#### V - REACTIVITY DATA

Stability - Conditions to avoid: Wet storage

Incompatibility: Acids, reducing agents

Hazardous Decomposition Products: Oxides of nitrogen

Conditions Contributing to Hazardous Polymerization: None known

(Cont'd on Page 2)

# VI - HEALTH HAZARD DATA

EFFECTS OF OVEREXPOSURE (Medical Conditions Aggravated/Target Organ Effects.

A. ACUTE (Primary Route of Exposure) EYE: Contact can result in severe burns and permanent tissue damage.SKIN: (Primary Route of Exposure) May result in severe irritation or burns with possible scarring.

INGESTION: Harmful if swallowed.May result in burns of mouth, throat, esophagus and stomach.INHALATION: Dust may result in respiratory irritation.

B. SUBCHRONIC, CHRONIC, OTHER: No available information was found.

## VII - EMERGENCY AND FIRST AID PROCEDURES

EYE and SKIN: In case of contact, immediately flush eyes and skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Call a physician. Wash clothing before reuse. INGESTION: If swallowed, DO NOT induce vomiting. Give large quantities of water. Call a physician immediately. Never give anything by mouth to an unconscious person. INHALATION: Remove to fresh air.

### VIII - SPILL OR LEAK PROCEDURES

Spill Management: Neutralize spilled solutions with dilute acid for disposal. Sweep up spilled material and repackage.

Waste Disposal Methods: Dilute waste solutions and adjust total solids and pH for disposal in accordance with local, state and federal regulations.

## IX - PROTECTION INFORMATION/CONTROL MEASURES

Respiratory: NIOSH-approved respirator is Eye: Safety recommended if th OSHA air standard for sodium hydroxide of 2mg/m3 is exceeded.

Other Clothing and Equipment: Not required

Ventilation: Local and mechanical exhaust is recommended.

### X - SPECIAL PRECAUTIONS

Precautions to be taken in Handling and Storing: Do not get in eyes, on skin or clothing. Avoid breathing dust. Keep container closed. Wash thoroughly after handling. While making solutions, add slowly to

surface to avoid violent spattering.
Additional Information: Use only in well ventilated areas that will maintain air levels below limits established by local, state and federal regulations.

Prepared by: D. Godward

Revision Date: 04/12/91

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