



1.0 Chemical Product and Company Identification:

1.1	Product Name:	Charge 202
1.2	Product Type:	Machine Dishwash Detergent
1.3	Company	Noramtech Corporation 19 Elmwood Avenue Kansas City, Kansas 66103
1.4	Phone	1-800-643-9070; 1-913-713-4120; Fax 1-913-713-4127
1.5	Emergency	Chemtrec 1-800-424-9300

2.0 Hazardous Components

PRINCIPAL HAZARDOUS COMPOUNDS	CAS #	Wt %	THRESHOLD LIMIT VALUE (UNITS)
Sodium Hydroxide (50%)	1310-73-2	28-32	CORROSIVE
Potassium Hydroxide (45%)	1310-58-3	9-11	CORROSIVE

SECTION 313: This product is not known to contain any compound listed and in quantities requiring reporting under SARA Title III Section 313.

CALIFORNIA PROPOSITION 65: This product is not known to contain any material listed under California's Proposition 65.

3.0 Physical Data

3.1	Appearance:	Clear Liquid, Odor
3.2	Solubility in water:	Complete
3.3	PH 0.5% Solution	12+
3.4	Boiling Point	n/a
3.5	Flash Point	Does not burn
3.6	Vapor Pressure	n/a
3.7	Specific Gravity/Density	1.3

4.0 Fire and Explosion Data

4.1	Special Fire Hazards:	Wet product is slippery. Avoid physical contact. Highly caustic.
4.2	Fire Fighting Methods:	Not combustible; use extinguishing media appropriate for specific fire. Chlorine gas is released when product is heated.
4.3	Unusual Fire and Explosion Hazards:	Flammable hydrogen gas will be liberated if solution comes in contact with metals such as aluminum.

5.0 Reactivity Data

5.1	Stability:	Yes
5.2	Conditions to Avoid:	Prolonged contact with Al, Cu, Sn, Pb, Zn, will release flammable hydrogen gas. Incompatible with ammonia and other cleaning products.
5.3	Hazardous Decomposition Products:	Chlorine gas

6.0 Spill or Leak Procedures

6.1	Cleanup and Disposal:	Dispose of in accordance with local, state and federal regulations. Triple-rinse containers.
6.2	Steps to be taken if released or spilled:	Handle with rubber gloves. Soak up with dry absorbent and place in container for waste disposal.

7.0 Health Hazard Data

7.1	Effects of overexposure:	Eyes: X Skin: X Ingestion: X Inhalation: X Chronic Exposure:
7.2	Signs and Symptoms of Exposure:	Eye and skin irritant. Corrosive to mouth and throat. Can cause severe and rapid burning of the mouth, throat and digestive tract. Mucous membrane irritant.

8.0 First Aid

8.1	Eyes:	Flush with running cool water for 10-15 minutes and see physician.
8.2	Skin:	Wash thoroughly with soap and water. See physician if irritation persists.
8.3	Ingestion:	Do NOT induce vomiting. Drink large amount of water or milk and transport to an emergency medical center for immediate attention.
8.4	Inhalation:	Remove person to fresh air. Chlorine gas is toxic. Do not give any liquids by mouth to an unconscious person.

9.0 Protective Measures

9.1	Eyes Protection:	Safety glasses or goggles. DO NOT USE CONTACT LENSES. Eye wash facility recommended.
9.2	Skin Protection:	Rubber gloves
9.3	Respiratory Protection:	n/a
9.4	Ventilation Protection:	Local Exhaust

10.0 Special Precautions

10.1	Handling and Storage Precautions:	Do not get in eyes, on skin, or on clothing. Wash thoroughly after handling. Remove and launder contaminated clothing before reuse. Avoid breathing dust. Keep partially used containers closed and away from heat and high humidity. Do not exceed storage temperatures of 100° F.
10.2	Transport Information	DOT Classification: Cleaning Compounds, Liquid, 8, NA1760, PG II, (Contains sodium and potassium hydroxide) DOT Proper Shipping Name: Refer to bill of lading or container label for DOT or other transportation hazard classification if any.

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any other process. The stated MSDS is reliable to the best of the company's knowledge and believed accurate as of the date indicated. However, no representation, warranty or guarantee of any kind, express or implied, is made as to its accuracy, reliability or completeness and we assume no responsibility for any loss, damage or expense, direct or consequential, arising out of use. It is the user's responsibility to satisfy himself as to the suitability and completeness of such information for his own particular use.

**Noramtech Corporation
19 Elmwood Avenue
Kansas City, Kansas 66103**

PREPARED BY: Patrick T. Dierker

Dated: January 2, 2008