



1.0 Chemical Product and Company Identification:

1.1	Product Name:	HCS 107G
1.2	Product Type:	Solid Pot and Pan 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:	Chemtrek 1-800-424-9300

2.0 Hazardous Components

PRINCIPAL HAZARDOUS COMPOUNDS	CAS #	Wt %	THRESHOLD LIMIT VALUE (UNITS)
None			

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:	Yellow
3.2	Solubility in water:	Complete
3.3	PH 0.5% Solution:	8.0
3.4	Boiling Point:	Greater than 250°F
3.5	Flash Point:	None
3.6	Vapor Pressure:	None
3.7	Specific Gravity/Density:	

4.0 Fire and Explosion Data

4.1	Special Fire Hazards:	Always wear NIOSH-approved self-contained breathing apparatus when fighting chemical fires. Protect eyes and skin from contact.
4.2	Fire Fighting Methods:	Water spray, dry chemical, foam, CO2
4.3	Unusual Fire and Explosion Hazards:	N/A

5.0 Reactivity Data

5.1	Stability:	Yes
5.2	Conditions to Avoid:	Temperature Above 120°F
5.3	Hazardous Decomposition Products:	Fire or mixing with incompatible materials may produce oxides of carbon and other toxic or irritating fumes.

6.0 Spill or Leak Procedures

6.1	Cleanup and Disposal:	Dispose of solid trash in normal manner. Prior permitting may be required before any detergent chemicals can be put into city sewers.
6.2	Steps to be taken if released or spilled:	Sweep up and reclaim for use or flush to sewer. Spill unlikely due to packaging.

7.0 Health Hazard Data

7.1	Effects of overexposure:	Eyes: X Skin: X Ingestion: X Inhalation: Chronic Exposure:
7.2	Signs and Symptoms of Exposure:	Eye and skin irritant. Ingestion will cause gastrointestinal irritation.

8.0 First Aid

8.1	Eyes:	Flush with running cool water for 10-15 minutes and see physician if irritation persists.
8.2	Skin:	Wash thoroughly with soap and water.
8.3	Ingestion:	Drink large amount of water or milk and transport to an emergency medical center for immediate attention.
8.4	Inhalation:	

9.0 Protective Measures

9.1	Eyes Protection:	Safety glasses or goggles. Chemical resistant gloves for prolonged exposure.
9.2	Skin Protection:	NA
9.3	Respiratory Protection:	NA
9.4	Ventilation Protection:	NA

10.0 Special Precautions

10.1	Handling and Storage Precautions:	Do not get in eyes. Wash thoroughly after handling. Remove and launder contaminated clothing before reuse. Keep partially used containers closed and away from heat and high humidity. Do not exceed storage temperatures of 120° F.
10.2	Transport Information:	DOT Class: 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



1.0 Chemical Product and Company Identification:

1.1	Product Name:	HCS 101 KWIK SILVER
1.2	Product Type:	Solid Flatware Presoke
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)
N/A			
SECTION 313:			
STATE RIGHT-TO-KNOW REGULATIONS:			
CALIFORNIA PROPOSITION 65:			

3.0 Physical Data

3.1	Appearance:	Solid Green Product
3.2	Solubility in water:	Complete
3.3	PH 0.5% Solution	9.5 - 10.5
3.4	Boiling Point	NA
3.5	Flash Point	Does Not Burn
3.6	Vapor Pressure	NA
3.7	Specific Gravity/Density	1.2 - 1.3

4.0 Fire and Explosion Data

4.1	Special Fire Hazards:	None
4.2	Fire Fighting Methods:	None

5.0 Reactivity Data

5.1	Stability:	Yes
5.2	Conditions to Avoid:	Do not mix with strong acids.
5.3	Hazardous Decomposition Products:	Oxides of sulfur.

6.0 Spill or Leak Procedures

6.1	Cleanup and Disposal:	Reclaim for use or put in solid waste container for disposal. Dispose of in accordance with local, state and federal regulations. Triple rinse containers.
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7.0 Health Hazard Data

7.1	Effects of overexposure:	Eyes: Mild eye irritant. Skin: Mild skin irritant. Ingestion: Ingestion can cause gastrointestinal irritation, nausea, vomiting, and diarrhea. Inhalation:
	Chronic Exposure:	

8.0 First Aid

8.1	Eyes:	Flush with cold running water for at least 15 minutes and see physician immediately.
8.2	Skin:	Wash thoroughly with soap and water for at least 15 minutes. See physician if irritation persists.
8.3	Ingestion:	DO NOT induce vomiting. Give a large amount of water and transport to an emergency center for attention.
8.4	Inhalation:	Remove person to fresh air. 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 required.
9.2	Skin Protection:	Chemical resistant gloves for prolonged exposure.
9.3	Respiratory Protection:	None required.
9.4	Ventilation Protection:	

10.0 Special Precautions

10.1	Handling and Storage Precautions:	Do not get in eyes, on skin, or on clothing. Wash thoroughly after handling. Launder contaminated clothing before reuse. Keep containers closed when not in use and away from high humidity.
10.2	Transport Information	DOT Class: Not regulated. 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