

# MATERIAL SAFETY DATA SHEET

GHC Systems  
#2-501 Cartwright St.  
Saskatoon, SK S7T 1E1  
Non-Emergency (306) 242-0495  
EMERGENCY: (306) 978-7458

Revised: 07/06

## I. PRODUCT INFORMATION

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CUSTOMER NAME: Surface Smooth and Healthy Protein Smoothing Treatment

PRODUCT NAME: Smooth & Healthy Smoothing Cream

CHEMICAL NAME: Consumer Commodity

CAS NUMBER: N/A

CHEMICAL FAMILY: N/A

CHEMICAL FORMULA: N/A

## II. SUMMARY OF HAZARDS

Product is toxic and poisonous if swallowed. Product is a known skin, eye and inhalation irritant.

## III. HAZARDOUS COMPONENTS

<u>NAME</u>	<u>CAS NO.</u>	<u>%</u>	<u>PEL</u>	<u>EXPOSURE LIMITS</u>	
				<u>TLV</u>	<u>OTHER</u>
Ammonium Hydroxide <2%	7664-41-7		50 ppm	25 ppm (TWA)	35 ppm (STEL)
CYSTEAMINE HCL <12%	156-57-0				

## IV. CHEMICAL AND PHYSICAL PROPERTIES

BOILING POINT: 220° F

VAPOR PRESSURE: N/A

MELTING POINT: N/A

VAPOR DENSITY: N/A

SOL. IN WATER: Complete

SPECIFIC GRAVITY: 1.038 – 1.042 @ 22° C

pH: 8.00 - 10.25 @ 22° C

EVAPORATION RATE: N/A

APPEARANCE/ODOR: White creamy liquid with a chemical odor

<u>CHEMICAL NAME</u>	<u>TOXICITY DATA</u>	
	<u>LD50</u>	<u>LC50</u>
Ammonium Hydroxide	350 mg/kg (rat)	0.1 ppm 24 hours (rainbow trout)
Cysteamine HCl	1352 mg/kg (mouse)	

**EYE CONTACT:** Immediately flush eyes with plenty of water for at least 30 minutes. Call a physician if irritation persists.

**SKIN CONTACT:** Remove any contaminated clothing. Wash skin with soap and water for at least 30 minutes. Get medical attention if irritation develops or persists.

**SKIN ABSORPTION:** Wash skin with soap and water. Wear gloves to reduce chance of skin irritation.

**INHALATION:** Remove to fresh air. Give artificial respiration if not breathing. Get immediate medical attention.

**INGESTION:** Do not induce vomiting. If conscious, give lots of water. Get immediate medical attention. Do not give anything by mouth to an unconscious or convulsing person.

**CHRONIC EFFECTS OF EXPOSURE:** None expected

**OTHER HEALTH EFFECTS:** None expected

## VI. EXPOSURE CONTROL MEASURES

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**EYE PROTECTION:** Safety eyewear with splashguards

**PROTECTIVE GLOVES:** Rubber gloves

**RESPIRATORY PROTECTION:** None required

**OTHER PROTECTION:** Protective clothing, eyewash and shower

**VENTILATION:** Mechanical required and local exhaust recommended

**PERSONAL HYGIENE/WORK PRACTICES:** Wash hands thoroughly with soap and water

## VII. FIRE AND EXPLOSION HAZARD DATA

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**FLASH POINT (METHOD USED):** N/A

**FLAMMABLE LIMITS**

**LOWER:**

**UPPER:**

**EXTINGUISHING MEDIA:** Dry chemical, foam, Water or Carbon Dioxide

**FIRE FIGHTING INSTRUCTIONS:** Wear normal fire-fighting gear

UNUSUAL FIRE AND EXPLOSION HAZARDS: None under normal conditions

#### VIII. REACTIVITY DATA

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STABILITY: Normally stable

INCOMPATIBILITY: Strong oxidizers and acids, copper, aluminum, zinc, galvanized metals, gold, silver and alloys of these materials.

HAZARDOUS PRODUCTS OF DECOMPOSITION: Hydrogen Chloride gas, Ammonia gas and oxides of Nitrogen

HAZARDOUS POLYMERIZATION: Will not occur

#### IX. ENVIRONMENTAL & DISPOSAL INFORMATION

ACTION TO TAKE FOR SPILLS/LEAKS: Avoid runoff into storm sewers and ditches that lead to natural waterways. Soak up with absorbent, shovel into waste container, flush area with water. Wear alkali-resistant slicker suit and complete protective equipment including rubber gloves and boots.

DISPOSAL METHOD: Dispose of in accordance with local, state and federal regulations.

#### X. PRECAUTIONS FOR SAFE HANDLING, STORAGE AND USE

Store in a cool, dry place.

#### XI. SHIPPING INFORMATION

LAND TRANSPORT: (adr/rid/GGVS/GGVE)

IDENTIFICATION: Toxic Liquid Organic

CLASS/NUMBER/LETTER: 6.1/25c

HAZARD NUMBER: 60

#### XII. ADDITIONAL INFORMATION

THIS MATERIAL IS IN COMPLIANCE WITH THE TOXIC SUBSTANCES CONTROL ACT.

For additional product safety or product use information, contact the product manager at the address or phone number listed on page one.

## **DISCLAIMER**

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