

Material Safety Data Sheet

Complies with OSHA's Hazard Communication Standard 29 CFR 1910.1200 ANSI Standard Z400.1-1993

SECTION 1 - PRODUCT AND COMPANY IDENTIFICATION

Company Name, Address: **Franklin Cleaning Technology - One Fuller Way - Great Bend, KS 67530**

Product Name: Hi-Genic

Product Number: F2700

Chemical Family: Aqueous solution of surfactants.

Package Size: Quart, 55 Gal

EPA Reg. No: 47371-97-1124

Emergency Telephone No. (620) 792-1711

International:

Preparer: R McPherson

Date: 12/17/12

Signature:

SECTION 2 - HAZARDS IDENTIFICATION

Emergency Overview:

CAUTION: MAY BE HARMFUL IF ABSORBED THROUGH THE SKIN.

Route(s) of entry:	Inhalation ☐	Skin: ☒	Eye: ☒	Ingestion: ☒	
No Health Hazard	☐	Irritant ☐	Toxic ☐	Sensitizer ☐	See Target Organs ☒
Carcinogen	☐	Corrosive ☐	Highly Toxic ☐	Reproductive toxin ☐	
TARGET ORGANS	Lungs ☐	Eyes ☒	Blood ☐	Teratogen ☐	Mucous Membranes ☒
	Heart ☐	Skin ☒	Liver ☐	Central Nervous System ☐	Autonomic Nervous System ☐
	Kidney ☐	Prostate ☐	Mutagen ☐	Cardiovascular System ☐	Respiratory System ☐

Potential Health Effects:

May cause eye or skin irritation.

Medical Conditions Generally Aggravated by Exposure:

None known

Carcinogenicity: None Known ☒ NTP: ☐ IARC: ☐ OSHA Regulated ☐

SECTION 3 - COMPOSITION INFORMATION ON INGREDIENTS

Hazardous Components	CAS#	OSHA TWA	ACGIH TWA	Percent
n-Alkyl dimethyl ethylbenzyl ammonium chloride	68956-79-6			0.09
n-Alkyl dimethyl benzyl ammonium chloride	68391-01-5			0.09
*Water	7732-18-5			

SECTION 4 - FIRST AID MEASURES

Emergency and First Aid Procedures:

In case of contact, flush eyes or skin with plenty of water for at least 15 minutes. Call a physician if irritation persists. If swallowed, immediately drink a large quantity of water. Avoid alcohol. Get medical attention.

SECTION 5 - FIRE FIGHTING MEASURES

Flash Point (Method): None

Flammable Limits: LEL: n/a

UEL: n/a

Autoignition Temperature:

NFPA Hazard Classification: FIRE: 0

Health: 1

Reactivity: 0

Extinguishing Media: n/a

Special Fire Fighting Procedures: None

Unusual Fire and Explosion Hazards: None

SECTION 6 - ACCIDENTAL RELEASE MEASURES

Steps to be taken in case material is released or spilled:

Small Spill: Mop up, rinse with water. Large Spill: Mop up, absorb with an inert absorbant, dike or turn over container as applicable.

SECTION 7 - HANDLING AND STORAGE

Protect from freezing. Store at 40 - 90 F. Read and follow label use directions. Keep out of reach of children.

SECTION 8 - EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Controls: Local Exhaust: Special:
Mechanical: None required

Respiratory Protection:
None required

Protective Gloves: None required Eye Protection: None required

Other Protective Clothing and Equipment:
None required

SECTION 9 - PHYSICAL AND CHEMICAL CHARACTERISTICS

No Physical Hazards	☒	Flammable Gas	☐	Flammable Liquid/Solid	☐	Water Reactive	☐
Combustible	☐	Flammable Aerosol	☐	Pyrophoric	☐	Oxidizer	☐
Compressed Gas	☐	Explosive	☐	Unstable - Reactive:	☐	Organic Peroxide	☐

Boiling Point, °F: 212°F Solubility in Water: Complete Evaporation Rate: 1
 Vapor Pressure: Unknown Specific Gravity (water =1): 1.01 pH: 10.8
 Vapor Density: Unknown %Volatiles by Weight: 98
 Appearance and Odor: Thick blue liquid with floral fragrance.

SECTION 10 - STABILITY AND REACTIVITY

Stability: Unstable ☐ Conditions to Avoid: n/a
 Stable ☒

Incompatibility: Mix only with water.
 (Materials to Avoid)

Hazardous None
 Decomposition Products

Hazardous Polymerization: May Occur: ☐ Will Not Occur: ☒
 Conditions to Avoid: n/a

SECTION 11 - TOXICOLOGICAL INFORMATION

NE

SECTION 12 - ECOLOGICAL INFORMATION

NE

SECTION 13 - DISPOSAL CONSIDERATIONS

Small Amount: Wrap in newspaper and discard in trash container. Large Amount: Dispose in accordance with Local, State and Federal regulations.

Potential EPA Hazardous Waste Code(s): n/a

SECTION 14 - TRANSPORT INFORMATION

DOT Proper Shipping Name and Number:
 Not regulated

SECTION 15 - REGULATORY INFORMATION

Volatile Organic Compounds (VOC's) = <1% (calculated)

*Added to comply with the Pennsylvania Worker Right to Know Act of 1984 and the New Jersey Worker & Community Right to Know Act of 1983.

SECTION 16 - OTHER INFORMATION

None

NE = Not Established N/A = Not Applicable