

## MATERIAL SAFETY DATA SHEET

This MSDS complies with OSHA's Hazard Communication Standard CFR 1910.1200 and OSHA Form 174.

N/A SIGNIFIES NON-APPLICABLE

## IDENTITY AND SUPPLIERS INFORMATION

PRODUCT NAME:	CLOGG-FREE	CHEMICAL FAMILY:		<table><tr><th>NFPA HAZARDOUS MATERIALS IDENTIFICATION SYSTEM</th><th>RATING</th></tr><tr><td>HEALTH</td><td></td></tr><tr><td>FLAMMABILITY</td><td></td></tr><tr><td>REACTIVITY</td><td></td></tr><tr><td>MAX PERSONAL PROTECTION</td><td></td></tr></table>		NFPA HAZARDOUS MATERIALS IDENTIFICATION SYSTEM	RATING	HEALTH		FLAMMABILITY		REACTIVITY		MAX PERSONAL PROTECTION	
NFPA HAZARDOUS MATERIALS IDENTIFICATION SYSTEM	RATING														
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MAX PERSONAL PROTECTION															
GMP PRODUCT NUMBER:	C316	FORMULA:	PROPRIETARY												
SUPPLIER'S NAME:	GENERAL PRODUCTS & SUPPLY, INC.	PHONE NUMBER:	(724) 327-7200												
SUPPLIER'S ADDRESS:	101 TECHNOLOGY LANE	EMERGENCY NO.:	800-255-3924												
	EXPORT, PA 15632														
PROPER SHIPPING NAME:															

## SECTION 1 - INGREDIENT IDENTIFICATION AND INFORMATION

CHEMICAL NAME	CARC.	CAS NO.	WT %	SARA III	PEL	TWA-TLV	STEL-TLV
N-ALKYL DIMETHYL BENZYL AMMONIUM CHLORIDE							

## SECTION 2 - PHYSICAL/CHEMICAL PROPERTIES

BOILING POINT: N/A  
VAPOR PRESSURE: N/A  
VAPOR DENSITY (Air = 1): N/A  
SOLUBILITY IN WATER: 100% Soluble  
SPECIFIC GRAVITY (H<sub>2</sub>O = 1): 0.981  
pH RANGE: N/A  
EVAPORATION RATE: (Water = 1): N/A  
PHYSICAL DESCRIPTION: White amorphous crystalline solid – pleasant odor resembling coconut oil.

## SECTION 3 - FIRE/EXPLOSION HAZARD DATA

FLAMMABILITY: (FLAME PROJECTION) N/A  
AUTO IGNITION TEMP: N/D  
FLASH POINT: N/D  
FLAMMABILITY LIMITS: %UEL – NIL %LEL – N/A  
EXTINGUISHER MEDIA: No information available.  
SPECIAL FIRE FIGHTING PROCEDURES: Dry contained positive pressure breathing apparatus and protective clothing should be worn in fighting fires involving chemicals.  
UNUSUAL FIRE/EXP. HAZARDS: None known.

## SECTION 4 - REACTIVITY HAZARD DATA

STABILITY: Stable  
HAZARDOUS POLYMERIZATION: Will not occur.  
INCOMPATIBILITY: Strong oxidizing agents.  
CONDITIONS TO AVOID: None known.  
HAZARDOUS DECOMPOSITION PRODUCTS: None known.

## SECTION 5 - HEALTH HAZARD DATA AND FIRST AID

PRIMARY ROUTES OF ENTRY: Inhalation, Skin Absorption  
ACUTE EFFECTS:

SKIN: Prolong or repeated contact with skin may cause irritation.

EYES: Contact with eyes is painful and irritating.

INHALATION: Airborne particles irritates nasal passages. If vapors or dust causes irritation, remove to fresh air.

INGESTION: N/A

## FIRST AID PROCEDURES:

SKIN: Wash with water, then soap and water, rinse thoroughly. Remove contaminated clothing and clean before reuse.

EYES: Wash with copious amounts of water – at least 15 minute.

INHALATION: Remove to fresh air.

INGESTION: Consult a physician immediately.

## SECTION 6 - CONTROL AND PROTECTIVE MEASURES

RESPIRATORY PROTECTION: N/A  
PROTECTIVE GLOVES: Not required, wash hands after handling.  
EYE PROTECTION: Avoid contact with eyes.  
VENTILATION REQUIREMENTS: Normal room ventilation is usually adequate.  
OTHER PROTECTIVE CLOTHING: Wear protective clothing for repeated or prolong contact.  
HYGIENIC WORK PRACTICES: Caution should be used to avoid contact with eyes or prolong contact with skin.

## SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE

STEPS TO BE TAKEN IF MATERIAL IS SPILLED OR RELEASED: Sweep up and collect in appropriate container. Wash area with water.  
WASTE DISPOSAL METHODS: Incineration is preferred. May be disposed of in accordance with all applicable local, state, and federal regulations.  
PRECAUTIONS IN HANDLING AND STORAGE: Do not store near open flames.  
OTHER PRECAUTIONS: Wash thoroughly after handling. If ingested, call a physician immediately.

We believe the statements, technical information and recommendations contained herein are reliable, but they are given without any warranty or guarantee of any kind.