

## 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:	C2/E2* W/ASE	CHEMICAL FAMILY:	SYNTHETIC DETERGENT
PRODUCT NUMBER:	CWT416	FORMULA:	PROPRIETARY
SUPPLIER'S NAME:	GENERAL PRODUCTS & SUPPLY, INC.	PHONE NUMBER:	(724) 327-7200
SUPPLIER'S ADDRESS:	101 TECHNOLOGY LANE EXPORT, PA 15632	EMERGENCY NO.:	800-255-3924
PROPER SHIPPING NAME:	CLEANING COMPOUND, LIQUID N.O.I.		

HMIS HAZARDOUS MATERIALS IDENTIFICATION SYSTEM	RATING
HEALTH	1
FLAMMABILITY	0
REACTIVITY	0
MAX PERSONAL PROTECTION	A

## SECTION 1 - INGREDIENT IDENTIFICATION AND INFORMATION

CHEMICAL NAME	CARC.	CAS NO.	WT %	SARA III	PEL	TWA-TLV	STEL-TLV
2-butoxyethanol	No	111-76-2	2.01	Yes	25 ppm	25 ppm	N/A
Water	No	7732-18-5	>10	No			
Ammonium quaternary compound	No	68391-01-5	>1	No			
Sodium tripoly phosphate	No	77589-29-4	<1	No			
Coco amidopropyl betaine	No	70851-07-9	<1	No			
Phosphate ester	No	68130-47-2	<1	No			

## SECTION 2 - PHYSICAL/CHEMICAL PROPERTIES

## SECTION 3 - FIRE/EXPLOSION HAZARD DATA

BOILING POINT: +212°F  
VAPOR PRESSURE: (mm Hg) 18 @68 °F  
VAPOR DENSITY: >1  
SOLUBILITY IN WATER: Complete  
SPECIFIC GRAVITY: 1.014  
pH RANGE: 11.0-12.0  
EVAPORATION RATE: (Ether=1) <1  
PHYSICAL DESCRIPTION: Clear blue liquid of light viscosity with pleasant odor.

FLAMMABILITY: (FLAME PROJECTION) N/A AUTO IGNITION TEMP: N/A  
FLASH POINT: None T.O.C.  
FLAMMABILITY LIMITS: %UEL N/A %LEL N/A  
EXTINGUISHER MEDIA: Water, dry foam, CO2  
SPECIAL FIRE FIGHTING PROCEDURES: None  
UNUSUAL FIRE/EXP. HAZARDS: None

## SECTION 4 - REACTIVITY HAZARD DATA

STABILITY: Stable  
HAZARDOUS POLYMERIZATION: Will not occur  
INCOMPATIBILITY: None known  
CONDITIONS TO AVOID: No special conditions  
HAZARDOUS DECOMPOSITION PRODUCTS: None known

## SECTION 5 - HEALTH HAZARD DATA AND FIRST AID

PRIMARY ROUTES OF ENTRY:

ACUTE EFFECTS:

SKIN: Defatting to skin. May cause redness or swelling. Prolonged contact may cause dermatitis.

EYES: Eye irritant. May cause redness and swelling of the conjunctiva.

INHALATION: N/A

INGESTION: Irritating to gastrointestinal tract, mouth, throat and esophagus. Vomiting and diarrhea expected with large doses.

FIRST AID PROCEDURES:

SKIN: Remove contaminated clothing. Flush affected areas with water. Prolonged contact may cause dermatitis.

EYES: Flush eyes with large quantities of clear cool water. Seek medical attention if irritation persists.

INHALATION: N/A

INGESTION: Drink a large quantity of water. Seek medical attention immediately.

## SECTION 6 - CONTROL AND PROTECTIVE MEASURES

RESPIRATORY PROTECTION: Normally not required.

PROTECTIVE GLOVES: Waterproof recommended.

EYE PROTECTION: Safety glasses recommended.

VENTILATION REQUIREMENTS: Provide local exhaust.

OTHER PROTECTIVE CLOTHING: N/A

EYE PROTECTION: Do not eat, drink or smoke in work area. Wash hands after handling. Launder contaminated clothing.

## SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE

STEPS TO BE TAKEN IF MATERIAL IS SPILLED OR RELEASED: Contain spill. Mop up or flush area with water to avoid slip hazard.

WASTE DISPOSAL METHODS: Any method in accordance with federal, state and local laws.

PRECAUTIONS IN HANDLING AND STORAGE: Store in original shipping containers. Keep closed when not in use. Shelf life 1 year. Protect from extreme heat or cold.

OTHER PRECAUTIONS: Read and follow label directions. Keep out of reach of children. Keep away from sources of heat, sparks or flames.

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