

## 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:	KOIL FRESH CWT413	CHEMICAL FAMILY:	ALKALINE DETERGENT		
GENERIC NAME:	CONCENTRATED EMULSIFIABLE CLEANER	FORMULA:	PROPRIETARY	NFPA HAZARDOUS MATERIALS IDENTIFICATION SYSTEM	RATING
SUPPLIER'S NAME:	GENERAL PRODUCTS & SUPPLY, INC.	PHONE NUMBER:	(724) 327-7200	HEALTH	1
SUPPLIER'S ADDRESS:	101 TECHNOLOGY LANE	EMERGENCY NO.:	800-255-3924	FLAMMABILITY	0
	EXPORT, PA 15632			REACTIVITY	0
PROPER SHIPPING NAME:	CLEANING COMPOUND, LIQUID N.O.I.			MAX PERSONAL PROTECTION	B

## SECTION 1 - INGREDIENT IDENTIFICATION AND INFORMATION

CHEMICAL NAME	CARC.	CAS NO.	WT %	SARA III	PEL	TWA-TLV	STEL-TLV
1-methoxy-2-propanol	No	000107-98-2	>1	No	100 ppm	100 ppm	150 ppm
2-methoxy-1-propanol	No	001589-42-5	>1	No	200 ppm	200 ppm	150 ppm
Potassium hydroxide, liquid	No	1310-58-3	>1	No	c2mg/m3	c2mg/m3	N/A
Sodium metasilicate pentahydrate	No	6834-92-0	>1	No	2mg/m3	2mg/m3	
Nonionic surfactant	No	9016-45-9	>1	No			
Coco amidopropyl betaine	No	70851-07-9	>1	No			

## SECTION 2 - PHYSICAL/CHEMICAL PROPERTIES

## SECTION 3 - FIRE/EXPLOSION HAZARD DATA

BOILING POINT: +212°F  
VAPOR PRESSURE: (mm Hg) 20@68 °F  
VAPOR DENSITY: >1  
SOLUBILITY IN WATER: Complete  
SPECIFIC GRAVITY: 1.073  
pH RANGE: 11-12  
EVAPORATION RATE: (Ether=1) <1  
PHYSICAL DESCRIPTION: Clear blue liquid of light viscosity with fresh, pleasant aroma.

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: Strong acids  
CONDITIONS TO AVOID: N/A  
HAZARDOUS DECOMPOSITION PRODUCTS: Alkaline vapors in fire

## SECTION 5 - HEALTH HAZARD DATA AND FIRST AID

## ACUTE EFFECTS:

SKIN: Skin irritant. May cause moderate redness or swelling. Prolonged contact may cause dermatitis.  
EYES: Eye irritant. May cause redness and swelling of the conjunctiva.  
INHALATION: Direct inhalation of mists may be irritating to the nose and throat.  
INGESTION: May be irritating to the mouth, throat and gastrointestinal system. Vomiting and diarrhea expected with large doses.

## FIRST AID PROCEDURES:

SKIN: Remove contaminated clothing. Flush with large quantities of water. Seek medical attention if irritation persists.  
EYES: Flush eyes with large quantities of clear cool water. Seek medical attention if irritation persists.  
INHALATION: Get to fresh air.  
INGESTION: DO NOT INDUCE VOMITING. Drink large amounts of water or milk to dilute in stomach. Seek medical attention.

## SECTION 6 - CONTROL AND PROTECTIVE MEASURES

RESPIRATORY PROTECTION: Use with adequate ventilation.  
PROTECTIVE GLOVES: Waterproof recommended.  
EYE PROTECTION: Safety glasses recommended.  
VENTILATION REQUIREMENTS: Local exhaust to keep Section 1 TLV below limits.  
OTHER PROTECTIVE CLOTHING: Normally not required.  
EYE PROTECTION: Do not eat, drink or smoke in work area. Wash hands after handling.

## SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE

STEPS TO BE TAKEN IF MATERIAL IS SPILLED OR RELEASED: Contain spill. Mop up or otherwise absorb and hold for disposal. Flush spill area 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.