

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:	WATER GUARD C845	CHEMICAL FAMILY:		NFPA HAZARDOUS MATERIALS IDENTIFICATION SYSTEM	RATING
GENERIC NAME:		FORMULA:	PROPRIETARY	HEALTH	2
SUPPLIER'S NAME:	GENERAL PRODUCTS & SUPPLY, INC.	PHONE NUMBER:	(724) 327-7200	FLAMMABILITY	2
SUPPLIER'S ADDRESS:	101 TECHNOLOGY LANE	EMERGENCY NO.:	800-255-3924	REACTIVITY	0
	EXPORT, PA 15632			MAX PERSONAL PROTECTION	G
PROPER SHIPPING NAME:	COMBUSTIBLE LIQUID UN 1263				

SECTION 1 - INGREDIENT IDENTIFICATION AND INFORMATION

CHEMICAL NAME	CARC.	CAS NO.	WT %	SARA III	PEL	TWA-TLV	STEL-TLV
Ethanol	No	64-17-5	0.1		No Info	1000 ppm	No Info
Organosilane ester	No	67762-97-4	10		No Info	N/E	No Info
Mineral spirits	No	64741-92-0	95		No Info	100 ppm	200 ppm

SECTION 2 - PHYSICAL/CHEMICAL PROPERTIES

SECTION 3 - FIRE/EXPLOSION HAZARD DATA

BOILING POINT: 318⁰ - 383⁰F
VAPOR PRESSURE: (mm Hg) N/E
VAPOR DENSITY: Heavier than air
SOLUBILITY IN WATER: None
SPECIFIC GRAVITY: N/E
pH RANGE: N/E
EVAPORATION RATE: Slower than ether
PHYSICAL DESCRIPTION: Clear, colorless with a petroleum solvent odor.

FLAMMABILITY: (FLAME PROJECTION) AUTO IGNITION TEMP: N/E
FLASH POINT: 105⁰F (TCC)
FLAMMABILITY LIMITS: %UEL 6.0 %LEL 0.7
EXTINGUISHER MEDIA: Carbon dioxide, dry chemical, foam or water fog.

SPECIAL FIRE FIGHTING PROCEDURES:
Firefighters should wear NIOSH/OSHA approved, pressure demand, self-contained breathing apparatus.
UNUSUAL FIRE/EXP. HAZARDS:
Water may be used to cool closed containers, not involved in the fire itself, to prevent pressure build-up and possible auto-ignition or explosion when exposed to extreme heat.

SECTION 4 - REACTIVITY HAZARD DATA

STABILITY: Stable under normal storage conditions HAZARDOUS POLYMERIZATION: Will not occur under normal conditions
INCOMPATIBILITY: Strong oxidants and alkalis
CONDITIONS TO AVOID: Do not store or use near open flames or in areas of high temperature
HAZARDOUS DECOMPOSITION PRODUCTS: Combustion may yield carbon monoxide and/or carbon dioxide

SECTION 5 - HEALTH HAZARD DATA AND FIRST AID

PRIMARY ROUTES OF ENTRY: Skin, inhalation and ingestion	FIRST AID PROCEDURES:
ACUTE EFFECTS:	
SKIN: Prolonged or repeated contact may result in irritation, sensitization and dermatitis.	SKIN: Wash thoroughly with soap and water. If irritation persists, seek medical attention.
EYES: Irritant, discomfort, blurred vision and burning.	EYES: Flush with large amounts of cool water for at least 15 minutes. Consult a physician.
INHALATION: May result in dizziness, headache, blurred vision or unconsciousness.	INHALATION: Remove to fresh air, administer oxygen, if available, to restore breathing. If spontaneous vomiting occurs, take steps to prevent aspiration into the lungs. If irritation persists, seek medical attention.
INGESTION: May cause nausea and vomiting.	INGESTION: Contact nearest poison control center. If further problems develop, seek medical attention.

SECTION 6 - CONTROL AND PROTECTIVE MEASURES

RESPIRATORY PROTECTION: NIOSH/OSHA approved, respirator types suitable for materials in Section 2 recommended. Approved chemical/mechanical filters recommended when ventilation is restricted.
PROTECTIVE GLOVES: Use impermeable gloves
EYE PROTECTION: Chemical goggles with side shields or face shield recommended
VENTILATION REQUIREMENTS: Sufficient ventilation, in volume and pattern, should be provided to keep air contamination below current applicable OSHA permissible exposure limit or ACGHI's TLV limit.
OTHER PROTECTIVE CLOTHING: Eyewash station/safety shower. Impervious boots and apron to minimize skin contact.
HYGIENIC WORK PRACTICE: Remove and wash contaminated clothing before reuse. Wash hands before eating or smoking.

SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE

STEPS TO BE TAKEN IF MATERIAL IS SPILLED OR RELEASED: Notify local Fire Department as a safety precaution. Avoid breathing vapor, ensure adequate ventilation. Use sand or other inert material to dam and contain spill. Do not flush area with water.
WASTE DISPOSAL METHODS: Check company's policy on disposal. Disposal should be in accordance with local, state and federal regulations.
PRECAUTIONS IN STORAGE AND HANDLING: Store in clean, dry area in properly labeled containers. Read complete directions and precautions before use. No smoking signs should be posted and enforced. Keep containers closed when not in use. Store away from excessive heat.
OTHER PRECAUTIONS: All containers should be disposed of in an environmentally safe manner or returned to a drum reconditioner. Keep out of reach of children.

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