

OPTION 1

NFPA



HMS

Health	1
Fire	0
Reactivity	0

MATERIAL SAFETY DATA SHEET

Meets requirements of 29 CFR 1910.1200
(Federal Hazard Communication Standard)

Manufacturer's Name: Relton Corporation Address: 317 Rolyn Place, Arcadia, CA 91006	SECTION	<u>Emergency Response</u> for Spill, Leak, Fire, Exposure or Accident: CHEMTREC, Ph.# (800) 424-9300 For <u>non-emergency</u> product information: RELTON CORP., Ph.# (213) 681-2551 or (818) 446-8201
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Chemical Name and Synonyms: Mixture of 3 compounds	Trade Name: Option-1
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Chemical Family: Salt of triethanolamine and fatty acid	Formula: NA See Section II
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DOT: Shipping Name: Water-based Metalworking Fluid Hazard Class: None UN or NA No: NE

SECTION II -	By Wt. %	PPM TLV PEL STEL
Biodegradable --- Water-Based Does <u>not</u> contain 1,1,1-Trichloroethane, sulfur, oil or other toxic chemicals.		
Water	> 75	NA
A neutral salt of triethanolamine & a natural fatty acid - Trade Secret	> 9	NE
An aliphatic polyol - Trade Secret	> 4	NE
Antifoam Agent Sag 720 - Mixture	Tr.	NE
Anticorrosion Agent Kasil #1 CAS# 1312-76-1	Tr.	NE
Bactericide Dowicil (R) 75	Tr.	NE
Dye FD & C Blue 1 #5601 CAS# 2650-18-2	Tr.	NE
Neither the mixture nor any of its components is on the carcinogen or suspected carcinogen list of the NTP, the IARC or OSHA. Contains no California Prop. 65 substance. No component is subject to SARA Section 313 reporting.		

SECTION III - PHYSICAL DATA	
Boiling Point () 105 C, 221° F	Specific Gravity (H ₂ O=1): @ 25° C :
Vapor Pressure (mmHg.) : < 5 at Rm. T.	Percent Volatile by Volume : 80
Vapor Density (Air=1) : NE	Evaporation Rate: (H ₂ O=1): 1.1
Solubility in water: 100% pH: 7.6	VOC: 0.0 grams per liter (Rotovac stripping at 50° C)
Appearance and Odor: Bluish-green liquid; no particular odor.	

SECTION IV - FIRE AND EXPLOSION HAZARD DATA	
Flash Point (Method Used): None (COC) Non-flammable, except for nonvolatiles	Flammable Limits: NA
Extinguishing Media: Water, CO ₂ , Dry powder; avoid chlorinated-solvent fire extinguisher.	
Special Fire-Fighting Procedures: In a raging fire, oxides of nitrogen may form. Full self-contained breathing apparatus and fire-protection suits are recommended.	
Unusual Fire and Explosion Hazards: None	Products of combustion in an open flame: CO ₂ , CO, NO ₂

