

NFPA  Health Fire Reactivity	 MATERIAL SAFETY DATA SHEET	HMIS		
		Health	1	Fire
		Reactivity	0	

SECTION I

PRODUCT NAME OR NUMBER	REL CLEAN™ - Cleaner / Degreaser Concentrate		
MANUFACTURER'S NAME	Relton Corporation	EMERGENCY TELEPHONE NO.	Chemtrec - (800) 424-9300
ADDRESS (Number, Street, City, State, and Zip Code)	317 Rolyn Place, Arcadia, CA 91007-2838	Non-Emergency Ph. No.	(800) 423-1505
HAZARDOUS MATERIALS DESCRIPTION AND PROPER SHIPPING NAME (49 CFR 172.101)	NA Liquid Cleaner-Mixture	HAZARD CLASS (49 CFR 172.101)	Not Regulated by DOT
CHEMICAL FAMILY	Alkaline Detergent, non-hazardous	Formula	Mixture

SECTION II - INGREDIENTS

	TLV	PEL	STEL	C.A.S. NO.	%
Isopropyl Alcohol	400PPM	400PPM	500PPM	67-63-0	7
Monoethanolamine (mixture)	3PPM	NE	NE	--	3.4

SECTION III - PHYSICAL DATA

BOILING POINT	:212°F	SPECIFIC GRAVITY	: 1.2	VOC	: 000.00
VAPOR PRESSURE (mm Hg @ 20°C)	: 33mm	PERCENT VOLATILE BY VOLUME (%)	: 96	MELTING POINT	: NA
VAPOR DENSITY (AIR=1)	: NA	EVAPORATION RATE (BUTYL ACETATE=1)	: 2.83	Freezing Point	
SOLUBILITY IN WATER	: Complete	pH as is: 9.6 pH (DILUTE @ 5%)	: 9.6	(@ 5% dilute):	NE
APPEARANCE AND ODOR:	Red Liquid - Pleasant odor	MATERIAL IS:	GAS LIQUID SOLID	PASTE POWDER	

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (method used) :	Setaflash Closed Tester No Flash	FLAMMABLE LIMITS :	LEL	UEL
			NA	NA
EXTINGUISHING MEDIA :	Water spray, water, dry chemical, foam or CO ₂			
SPECIAL FIRE FIGHTING PROCEDURES :	None			
UNUSUAL FIRE AND EXPLOSION HAZARDS:	None			
CONTAINER HANDLING:	DO NOT CUT OR WELD EMPTY DRUMS UNLESS THOROUGHLY CLEANED.			

SECTION V - HEALTH HAZARD DATA

ROUTES OF ENTRY AND SYMPTOMS OF OVEREXPOSURE:	
EYES: May cause eye irritation, redness.	INGESTION: Irritation of gastrointestinal tract.
SKIN ABSORPTION: Irritation on prolonged contact.	CHRONIC EFFECTS:
INHALATION: Not a normal route of entry.	A review of the literature does not show obvious long-term hazard.
EMERGENCY AND FIRST AID PROCEDURES:	
EYES: In case of contact, flush eyes with water for 15 minutes. Get medical attention if irritation persists.	SKIN: Wash skin with water. If irritation occurs, get medical attention. Remove contaminated clothing and footwear.
INHALATION: If respiratory discomfort or irritation occurs, move the person to fresh air. See a doctor if discomfort continues.	INGESTION: Give plenty of water. Consult a physician.

NE = not established NF = not found N A = not applicable ND = not determined

SECTION VI - REACTIVITY DATA

STABILITY:	UNSTABLE		CONDITIONS TO AVOID: None
	STABLE	X	
INCOMPATIBILITY (materials to avoid): Strong Oxidizers			
HAZARDOUS DECOMPOSITION PRODUCT (including combustion products): Oxides of Carbon and Nitrogen			
HAZARDOUS	MAY OCCUR		
POLYMERIZATION:	WILL NOT OCCUR	X	

SECTION VII - SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED. Small Spill: Return to container if possible - Flush away residue with water. Large Spill: Dike with earth and absorb with suitable material.
WASTE DISPOSAL METHOD : Normal, in-house waste-treatment system. Note: Dispose of all waste in accordance with federal, state and local regulations.

SECTION VIII - SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION (specify type): Not normally required.		
VENTILATION:	LOCAL EXHAUST: (Specify Rate) NA	SPECIAL: Not normally required
Not normally required	MECHANICAL: (General) (Specify Rate) NA	OTHER: NA
PROTECTIVE GLOVES: Impervious, such as rubber	EYE PROTECTION: Face shield or splash proof goggles	
OTHER PROTECTIVE EQUIPMENT: Use impervious clothing - Eye wash fountain		

SECTION IX - SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING: Store in cool area away from strong oxidizers.
Protective measures during maintenance of contaminated equipment: Do not cut, weld, or otherwise damage empty container as minor amounts of explosive fumes may have formed.

ADDITIONAL INFORMATION

DOT: No hazardous substance No hazard class It# 155250 Class 65	UN or NA#: Not applicable Freight Classification: Not Regulated by DOT Shipping Name: Liquid Cleaner-Mixture
SARA: Not considered to be subject to Title III	
TSCA: All components required to be listed on the inventory are listed.	
IARC-NTP-OSHA: Neither the mixture nor any component is listed as a carcinogen or suspected carcinogen.	
Ozone-Depleting Substance: No 1,1,1-Trichloroethane (methyl chloroform) or other ozone-depleting substance No 5/15/93 labeling required.	
California Prop. 65 Material: None	

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