

002 232 -



MATERIAL SAFETY DATA SHEET

DATE 1-19-90 ISSUE 4

MFR ☐ DSTB ☒ GC Electronics	ADDRESS 1801 Morgan St., Rockford, IL 61105-1209	EMERGENCY PHONE (815) 968-9661	111
PRODUCT NUMBER 10-8669 G, 10-8669 5G, 10-8669 55G		PRODUCT NAME DRY-KLEEN	
CHEMICAL FAMILY SOLVENT MIXTURE - CHLORINATED HYDROCARBON			

SECTION II - INGREDIENTS

C.A.S. REGISTRY NO.	CHEMICAL NAME	% (WT)	TLV PEL	STEL		CARCINOGENIC AUTHORITY			
						YES	NO	NTP	IRAC
71-55-6 *	① 1,1,1 TRICHLOROETHANE	97	350	450	✓		X		
124-38-9	*CARBON DIOXIDE PROPELLANT	3	10,000	30,000	✓		X		

CO₂ PROPELLANT USED ONLY IN 10-8669 AEROSOL CAN. G, 5G & 55G ARE 100%
1,1,1 TRICHLOROETHANE SOLVENT

① RCRA 11226

*Appears in section 313 of The Toxic Chemicals
List of Title III of the Superfund Amendment &
Reauthorization Act (SARA) of 1980.

SECTION III - PHYSICAL DATA

BOILING POINT 74.1 °C _____ °F	SPECIFIC GRAVITY 1.3492
VAPOR PRESSURE 100 ☐ P.S.I 8.0 MMHg	% VOLATILE BY VOLUME 100%
VAPOR DENSITY 4.53	EVAPORATION RATE (Butyl Acetate = 1)
SOLUBILITY IN H ₂ O INSOLUBLE	FORM X AEROSOL _____ PASTE _____ SOLID _____ GAS
APPEARANCE AND ODOR	

SECTION IV - FIRE & EXPLOSION HAZARD DATA

FLASH POINT NONE °C _____ °F	☐ OPEN CUP ☐ CLOSED CUP	FLAMMABLE LIMITS (% in Air)	LOWER NA	UPPER NA	NON FLAMMABLE
EXTINGUISHING MEDIA NA - NON FLAMMABLE					
SPECIAL FIRE FIGHTING PROCEDURES AVOID DECOMPOSITION GASES CHLORINE FLUORINE					
UNUSUAL FIRE & EXPLOSION HAZARDS REACTS VIOLENTLY WITH N ₂ O, LIQUID O ₂ , Na, NaOH, NaK ALLOYS					
HMIS/NFPA RATINGS		HEALTH	FLAMMABILITY	REACTIVITY	
		3	1	1	

10-8669,G,5G,55G

SECTION V - HEALTH HAZARD INFORMATION

TLV (Threshold Limit Value)	PEL (Permissible Exposure Limit)	OTHER LIMIT
EFFECTS OF OVEREXPOSURE THR: Poison by intravenous route. Moderately toxic by ingestion, inhalation, skin contact, subcutaneous and intraperitoneal routes. An experimental teratogen. Human systemic effects by ingestion and inhalation: conjunctiva irritation, hallucinations or distorted perceptions, motor activity changes, irritability, aggression, hypermotility, diarrhea, nausea or vomiting and other gastrointestinal changes. Experimental reproductive effects. Mutagenic data human skin irritant. An experimental skin and severe irritant. Narcotic in high concentrations. Causes a pro-arrhythmic activity which sensitizes the heart to epinephrine-induced arrhythmias. This sometimes will cause cardiac arrest, particularly when this material is massively inhaled as in drug abuse for euphoria.		
PRIMARY ROUTES OF ENTRY — ☒ INHALATION ☒ SKIN CONTACT ☒ EYE CONTACT ☐ INGESTION		
EMERGENCY/FIRST AID PROCEDURES EYES FLUSH WITH WATER 15 MINUTES MIN. CONSULT PHYSICIAN		
SKIN WASH WITH SOAP AND WATER		
INHALATION FRESH AIR - OXYGEN ARTIFICIAL RESPIRATION		
INGESTION GASTRIC LAVAGE-WATCH LIVER/KIDNEY FUNCTION-CONSULT PHYSICIAN		

SECTION VI - REACTIVITY DATA

☒ STABLE ☐ UNSTABLE	CONDITIONS TO AVOID — ALUMINUM CONTAINERS, FIRE OR FLAME
INCOMPATIBILITY (Materials to Avoid) ALUMINUM	
HAZARDOUS DECOMPOSITION PRODUCTS CHLORINE	
HAZARDOUS POLYMERIZATION ☐ MAY OCCUR ☒ WILL NOT OCCUR	

SECTION VII - SPILL OR LEAK PROCEDURES

PROCEDURES SOAK UP WITH ABSORBENT MATERIAL-STORE IN SEALED DRUMS
WASTE DISPOSAL AUTHORIZED CHLORINATED SOLVENTS RECLAIMER OR INCINERATOR

SECTION VIII - SPECIAL PROTECTION INFORMATION

RESPIRATORY CHEMICAL CARTRIDGE RESPIRATOR OR SCBA	EYEWEAR SAFETY GOGGLES
VENTILATION ☐ LOCAL EXHAUST ☒ MECHANICAL	
CLOTHING/GLOVES RUBBER GLOVES - APRON	

SECTION IX - SPECIAL PRECAUTIONS

HANDLING & STORING DO NOT STORE IN ALUMINUM CONTAINERS
OTHER

BY V. HAGENAN

DATE 1-19-90