



AEROSOL MATERIAL SAFETY DATA SHEET

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MAY BE USED TO COMPLY WITH OSHA'S HAZARD COMMUNICATION STANDARD (1910) 29 CFR 1910.1200. STANDARD MUST BE CONSULTED FOR SPECIFIC REQUIREMENTS. THIS PRODUCT CONTAINS SUBSTANCES SUBJECT TO SECTION 319 OF SARA TITLE III AND 40 CFR 372.

HMIS SYMBOL	
HEALTH	1
FLAMMABILITY	0
REACTIVITY	1

HMIS NFPA
SEVERE 4 EXTREME
DANGEROUS 3 HIGH
MODERATE 2 MODERATE
SLIGHT 1 SLIGHT
MINIMAL 0 INSIGNIFICANT



I-IDENTIFICATION			
PRODUCT NAME	PRESS TIME 835	PACKAGE TYPE	AEROSOL CONTAINER
SIGNATURE OF PERSON RESPONSIBLE FOR PREPARATION	<i>U. Baynatt</i>	DATE PREPARED	NOVEMBER 10, 1988

II-HAZARDOUS INGREDIENTS				
PRINCIPLE HAZARDOUS COMPONENT(S) (CHEMICAL NAMES)	CAS#	TLV	PEL	APPROX. % WT.
1,1,1, TRICHLOROETHANE	71-55-8	350	350	< 80%
PROPELLANT CARBON DIOXIDE	124-38-9	-	-	

III-PHYSICAL DATA			
BOILING POINT (°F) OF CONCENTRATE	182-190°F	SPECIFIC GRAVITY (H ₂ O = 1) @ 75°F OF CONCENTRATE	1.185
VAPOR PRESSURE (psig) IN CAN @ 75°F	90	% VOLATILE BY VOLUME IN CAN	> 95%
VAPOR DENSITY	N.D.	FLASH POINT OF CONCENTRATE	NONE
SOLUBILITY IN WATER OF CONCENTRATE	1.07 gm/100 gm @ 25°C	APPEARANCE AND ODOR OF SPRAY	CLEAR WATER WHITE LIQUID / MILD SWEETISH ODOR

IV - FIRE AND EXPLOSION HAZARD DATA			
FLAMMABILITY as per CPSC FLAME EXTENTION TEST NON-FLAMMABLE SPRAY	FLAMMABLE LIMITS	Lower	Upper
		N.A.	N.A.
EXTINGUISHING MEDIA	FOAM, DRY CHEMICAL, CARBON DIOXIDE		
SPECIAL FIRE FIGHTING PROCEDURES	KEEP CONTAINERS COOL. USE EQUIPMENT OR SHIELDING REQUIRED TO PROTECT PERSONNEL AGAINST BURSTING, RUPTURING OR VENTING CONTAINERS. WEAR SELF CONTAINED BREATHING APERATUS.		
UNUSUAL FIRE AND EXPLOSION HAZARDS	AT ELEVATED TEMPERATURES (ABOVE 120°F) CONTAINERS MAY VENT RUPTURE OR BURST.		

V - REACTIVITY DATA			
CHEMICAL	UNSTABLE		CONDITIONS TO AVOID DO NOT EXPOSE TO TEMPERATURES ABOVE 120°F.
STABILITY	STABLE	XX	
INCOMPATABILITY (Materials to avoid)	STRONG ALKALIES, OXIDIZERS, ALUMINUM AND OTHER REACTIVE METALS.		
HAZARDOUS DECOMPOSITION PRODUCTS	AT ABNORMALLY HIGH TEMPERATURES POSSIBLE TRACE AMOUNTS OF PHOSGENE OR HYDROGEN CHLORIDE.		
HAZARDOUS POLYMERIZATION	MAY OCCUR		CONDITIONS TO AVOID NONE
	WILL NOT OCCUR	XX	

ARE FOLLOWED. INTENTIONAL MIS-USE BY DELIBERATELY CONCENTRATING AND BREATHING THE CONTENTS CAN BE HARMFUL, OR FATAL. PRESSURIZED CONTAINERS MUST NOT BE EXPOSED TO TEMPERATURES ABOVE 120° F AND SPRAY SHOULD NOT BE DIRECTED TOWARD FACE OR EYES, OPEN FLAME OR OTHER SOURCE OF IGNITION.

VI - HEALTH HAZARD DATA

ROUTE(S) OF ENTRY:	INHALATION?	SKIN?	PRIMARY	INGESTION?			
EFFECTS OF OVER EXPOSURE : ACUTE AND CHRONIC							
INHALATION: MINIMAL EFFECTS BELOW 1000 PPM; DIZZINESS, DROWSINESS AND THROAT IRRITATION AT LEVELS ABOVE 1000 PPM. UNCONSCIOUSNESS AND DEATH POSSIBLE AT LEVELS ABOVE 10,000 PPM. BLOOD PRESSURE DEPRESSION CARDIAC SENSITIZATION, VENTRICULAR ARRHYTHMIA CAN RESULT FROM EXPOSURE TO NEAR ANESTHETIC LEVELS.							
SKIN CONTACT / ABSORPTION: PROLONGED OR REPEATED CONTACT CAN CAUSE MODERATE IRRITATION, DEFATTING AND DERMITITIS.							
INGESTION: CAN CAUSE GASTROINTESTINAL IRRITATION, NAUSEA, VOMITING AND DIARRHEA. ASPIRATION OF MATERIAL INTO LUNGS CAN CAUSE CHEMICAL PNEUMONITIS.							
EYES: CAN CAUSE SEVERE IRRITATION, REDNESS TEARING AND BLURRED VISION.							
CARCINOGENICITY:	NO	NTP?	NO	IARC MONOGRAPHS?	NO	OSHA REGULATED?	NO

EMERGENCY AND FIRST AID PROCEDURES:

EYES AND SKIN:	FLUSH EYES WITH WATER, LIFTING UPPER AND LOWER LIDS. GET MEDICAL ATTENTION. WASH EXPOSED SKIN AREAS WITH SOAP AND WATER.
INHALATION:	REMOVE TO FRESH AIR. IF BREATHING IS DIFFICULT, ADMINISTER OXYGEN. IF BREATHING STOPS GIVE ARTIFICIAL RESPIRATION. GET MEDICAL ATTENTION.
INGESTION:	DO NOT INDUCE VOMITING. GET MEDICAL ATTENTION. ASPIRATION OF MATERIAL INTO LUNGS DUE TO VOMITING CAN CAUSE CHEMICAL PNEUMONITIS.

VII - PRECAUTIONS FOR SAFE HANDLING AND USE

STEPS TO BE TAKEN IN CASE CONTAINER IS PUNCTURED AND MATERIAL IS RELEASED:	CLEAN UP AREA BY MOPPING OR WITH ABSORBENT MATERIALS AND PLACE IN CLOSED CONTAINERS FOR DISPOSAL. CONTACT FEDERAL, STATE OR LOCAL AUTHORITIES FOR APPROVED DISPOSAL PROCEDURES.
WASTE DISPOSAL METHOD:	WHEN USED PROPERLY AEROSOL PRODUCTS DO NOT GENERATE HAZARDOUS WASTE. EMPTY DE-PRESSURIZED CONTAINERS CAN NOT BE REUSED AND SHOULD BE WRAPPED AND PUT IN A PERMITTED WASTE MANAGEMENT FACILITY. CONSULT FEDERAL, STATE AND LOCAL DISPOSAL AUTHORITIES FOR APPROVED PROCEDURES.

VIII - SPECIAL PROTECTION INFORMATION

SPECIFIC PERSONAL PROTECTIVE EQUIPMENT:	
RESPIRATORY:	APPROVED ORGANIC TYPE RESPIRATOR ACCEPTABLE IF CONCENTRATION IS 350-1000 PPM.
EYE:	CHEMICAL SPLASH GOGGLES IN COMPLIANCE WITH OSHA REGULATIONS.
SKIN:	PROTECTIVE GLOVES: NEOPRENE, NITRILE RUBBER OR POLYVINYL CHLORIDE.
OTHER:	DON'T EAT, DRINK OR SMOKE IN WORK AREA. WASH HANDS BEFORE EATING.
VENTILATION REQUIREMENTS:	PROVIDE SUFFICIENT MECHANICAL (GENERAL) AND/OR LOCAL EXHAUST VENTILATION TO MAINTAIN EXPOSURE BELOW TLV (8).

IX - SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:	DO NOT STORE AT TEMPERATURES ABOVE 120° F.
SPECIAL PRECAUTIONARY STATEMENTS:	PLEASE READ AND FOLLOW THE DIRECTIONS ON THE PRODUCT LABEL. THEY ARE YOUR BEST GUIDE TO USING THIS PRODUCT IN THE MOST EFFECTIVE WAY, AND THEY ALSO GIVE THE NECESSARY SAFETY PRECAUTIONS TO PROTECT YOUR HEALTH.

NOTICE: WE BELIEVE THAT THE INFORMATION CONTAINED ON THIS MATERIAL SAFETY DATA SHEET IS ACCURATE. THE SUGGESTED PROCEDURES ARE BASED ON EXPERIENCE AS OF THE DATE OF PUBLICATION. THEY ARE NOT NECESSARILY ALL INCLUSIVE NOR FULLY ADEQUATE IN EVERY CIRCUMSTANCE. ALSO, THE SUGGESTIONS SHOULD NOT BE COMPLIED WITH NOR FOLLOWED IN VIOLATION OF APPLICABLE LAWS, REGULATIONS, RULES OR INSURANCE REQUIREMENTS. NO WARRANTY, EXPRESS OR IMPLIED, OF MERCHANTABILITY, FITNESS OR OTHERWISE IS MADE.