



MATERIAL SAFETY DATA SHEET

WATSCO, INC. • 1800 WEST 4TH AVENUE • HIALEAH, FLORIDA 33010 • (305) 885-1911

SECTION I: DESCRIPTION		
PRODUCT NAME:	AIR HORN POWER PACK MAP-1 & MH-2	
CHEMICAL NAME:	FREON 12 - DICHLORODIFLUOROMETHANE	M.W.
FORMULA:	CCl ₂ F ₂	
MANUFACTURER:	WATSCO INC	
ADDRESS:	1800 WEST 4TH AVE, HIALEAH, FLORIDA 33010	
FOR INFORMATION ON HEALTH HAZARDS CALL:	(305) 885-1911	DATE: 5-20-88

SECTION II: HAZARDOUS INGREDIENTS				
SUBSTANCE	CAS#	%	TLU (UNITS)	
			PPM	Mg/M ³
DICHLORODIFLUOROMETHANE	75-71-8		1000	4950

SECTION III: PHYSICAL DATA			
BOILING POINT (°C)	- 21.6	SPECIFIC GRAVITY (H ₂ O = 1) @ 77°F	1.311
VAPOR PRESSURE (mm Hg)	@ 77°F - 4893	PERCENT VOLATILE BY VOLUME (%)	100
VAPOR DENSITY (AIR = 1)	6.33	EVAPORATION RATE (_____ = 1)	RAPID
SOLUBILITY IN WATER	0.028		ND

SECTION IV: FIRE AND EXPLOSION HAZARD DATA			
FLASH POINT (Method Used)	None	FIRE POINT	None
EXTINGUISHING MEDIA	Non - flammable - Will not support flame		
SPECIAL FIRE FIGHTING PROCEDURES	None		
UNUSUAL FIRE AND EXPLOSION HAZARDS	None		

SECTION V: HEALTH HAZARD DATA		
TLU	TLHA 1000PPM	ROUTES OF ENTRY Inhalation and Skin
EFFECTS OF EXPOSURE	ACUTE unconsciousness, cardiac arrhythmia, cardiac arrest	CHRONIC dermatitis
SIGNS AND SYMPTOMS OF EXPOSURE	Light-headedness, giddiness shortness of breath	
EMERGENCY AND FIRST-AID PROCEDURES	INHALATION: Remove to fresh air - call physician. Do not give epinephrine or similar drugs. CONTACT: Flush with water and call physician.	

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SECTION VI: REACTIVITY DATA		
STABILITY	UNSTABLE	CONDITIONS TO AVOID Open flames or high temperature.
	STABLE X	
INCOMPATIBILITY (Materials to Avoid)		
HAZARDOUS DECOMPOSITION PRODUCTS Hydrochloric and hydrofluoric acid, possible carbonyl fluoride		
HAZARDOUS POLYMERIZATION	CONDITIONS TO AVOID	
Will not occur		

SECTION VII: SPILL OR LEAK PROCEDURES	
STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED Ventilate area - especially low areas where heavy vapor might collect. Remove open flames.	
WASTE DISPOSAL METHOD Reclaim by distillation.	

SECTION VIII: SPECIAL PROTECTION INFORMATION		
RESPIRATORY PROTECTION (Specify Type) Use air mask in high concentrations.		
VENTILATION	LOCAL EXHAUST Large amounts	SPECIAL
	MECHANICAL (General) Low places	OTHER
PROTECTIVE GLOVES When handling liquid		EYE PROTECTION When handling liquid
OTHER PROTECTIVE EQUIPMENT		

SECTION IX: SPECIAL PRECAUTIONS	
PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING Store cylinders in a clean dry area. Do not store above 130°F	
OTHER PRECAUTIONS N/A	

SECTION X: SHIPPING REGULATIONS		
HCA LABEL	IATA CLASSIFICATION	
OTHER	MAXIMUM QUANTITY IN ONE CONTAINER	(Passenger) No limit
		(Cargo) No limit

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