

MATERIAL SAFETY DATA SHEET



SECTION 1 - PRODUCT IDENTIFICATION AND USE

PRODUCT IDENTIFIER: MERCON™VAP PRODUCT IDENTIFICATION NUMBER: 20-MVAP
PRODUCT USE: MERCURY VAPOUR SUPPRESSANT
PRODUCT MANUFACTURER: ROSS HEALTHCARE STREET: PMB 161, 145 TYEE DRIVE CITY: POINT ROBERTS
 STATE: WA ZIP CODE: 98281
EMERGENCY TELEPHONE NO.: 1-800-663-8303
NFPA RATINGS (0-4): HEALTH: 1 FIRE: 3 REACTIVITY: 0

SECTION 2 - COMPOSITION

COMPONENT:	PROPYLENE GLYCOL	PERCENT : 60.0	20-34 G/KG (ORAL/RAT)
	CAS#57-55-6	(BY WEIGHT)	
COMPONENT:	METHANOL	PERCENT: 15.0 - 20.0	6200 MG/KG (ORAL/RAT)
	CAS#67-56-1	(BY WEIGHT)	64000 PPM (VAPOR/RAT 4HRS)
COMPONENT:	AMMONIUM CHLORIDE	PERCENT : 1.0 - 1.5	1650 MG/KG (ORAL/RAT)
	CAS#12125-02-9	(BY WEIGHT)	
COMPONENT:	FERRIC CHLORIDE	PERCENT : 0.05 - 0.30	1872 MG/KG (ORAL/RAT)
	CAS#10025-77-1	(BY WEIGHT)	
COMPONENT:	COPPER SULFATE	PERCENT : 0.05 - 0.20	300 MG/KG (ORAL/RAT)
	CAS#7758-98-7	(BY WEIGHT)	
COMPONENT:	PROPRIETARY INGREDIENTS	PERCENT : 9.0	

SECTION 3 - PHYSICAL DATA

PHYSICAL STATE: BROWN LIQUID	SPECIFIC GRAVITY: 1.1 (AT 24°C)
BOILING POINT: 98°C	SOLUBILITY: NOT AVAILABLE
ODOR THRESHOLD: 2000 PPM (METHANOL)	VAPOR PRESSURE: NOT AVAILABLE
FREEZING POINT: NOT AVAILABLE	pH: NOT AVAILABLE
VAPOUR DENSITY: NOT AVAILABLE	COEFF. WATER/OIL DIST: NOT AVAILABLE
	EVAPORATION RATE: NOT AVAILABLE

SECTION 4 - FIRE AND EXPLOSION DATA

FIRE AND EXPLOSION: MAY BE INGITED BY OPEN FLAMES	FLASH POINT: PENSKY MARTINS CC 30°C
MEANS OF EXTINGUISHMENT: DRY CHEMICAL, CARBON DIOXIDE, WATER SPRAY OR REGULAR FOAM	
UPPER FLAMMABILITY LIMIT (%BY VOLUME): 36.5 (METHANOL)	LOWER FLAMMABILITY LIMIT (%BY VOLUME): 6% METHANOL
AUTOIGNITION TEMPERATURE: NOT AVAILABLE	FLAMMABLE
HAZARDOUS COMBUSTION PRODUCTS: AMMONIA, IODINE GAS	
SENSITIVITY TO IMPACT: NONE	SENSITIVITY TO STATIC DISCHARGE: NONE

SECTION 5 - REACTIVITY DATA

CHEMICAL STABILITY: STABLE
 INCOMPATIBILITIES: AVOID CARBIDES, ALUMINUM, BLEACH AND STRONG OXIDANTS
 REACTIVITY: MAY CORRODE LOWER GRADE STAINLESS STEEL (CLEAN WITH WATER AFTER APPLICATION)
 HAZARDOUS DECOMPOSITION PRODUCTS: NONE

SECTION 6 - TOXICOLOGICAL PROPERTIES

ROUTES OF ENTRY:			
SKIN CONTACT: YES	SKIN ABSORPTION: NO	EYE CONTACT: YES	INGESTION: YES
EFFECTS OF ACUTE EXPOSURE: RESPIRATORY, EYE IRRITATION, BLINDNESS (METHANOL)			
EFFECT OF CHRONIC EXPOSURE: SKIN SENSITIZER, IRRITATION, NERVOUS SYSTEM DAMAGE			
EXPOSURE LIMITS: NOT AVAILABLE		IRRITANCY OF PRODUCT: MILD IRRITANT	
SENSITIZATION TO PRODUCT: YES, IODINE		CARCINOGENICITY: NOT KNOWN	
TERATOGENICITY: NOT KNOWN		REPRODUCTIVE TOXICITY: NOT KNOWN	
MUTAGENICITY: NOT KNOWN		SYNERGISTIC PRODUCTS: NOT KNOWN	

SECTION 7 - PREVENTATIVE MEASURES

GLOVES: RUBBER	RESPIRATORY: NIOSH DUST/MIST	EYE: GOGGLES	FOOTWEAR: NON PERMEABLE	CLOTHING: NONE
ENGINEERING CONTROLS: NONE				
WASTE DISPOSAL: UNCONTAMINATED WITH MERCURY, RECYCLE WHERE AVAILABLE, CONTAMINATED, AS HAZARDOUS WASTE				
HANDLING PROCEDURE: WASH THOROUGHLY AFTER HANDLING			STORAGE REQUIREMENTS: STORE AT ROOM TEMPERATURE OUT OF	
SPECIFIC SHIPPING INFORMATION: SEE SECTION 9			DIRECT SUNLIGHT	

SECTION 8 - FIRST AID MEASURES

INHALATION: PROVIDE FRESH AIR IMMEDIATELY, IF BREATHING HAS STOPPED GIVE CPR. GET MEDICAL ATTENTION.
SKIN CONTACT: WASH AFFECTED AREA WITH SOAP AND WATER. IF RASH PERSISTS GET MEDICAL ATTENTION
EYE CONTACT: FLUSH WITH WATER. GET MEDICAL ATTENTION
INGESTION: DRINK MILK. DO NOT INDUCE VOMITING. GET IMMEDIATE MEDICAL ATTENTION

SECTION 9 - TRANSPORT INFORMATION

CANADA : FLAMMABLE LIQUID, TOXIC, N.O.S. UN 1992, Class 3, SUB RISK 6.1, PG III
UNITED STATES: GROUND: ORM-D, CONSUMER COMMODITY

SECTION 10 - PREPARATION OF MSDS

PREPARATION: TECHNICAL SERVICES PHONE: 1-800-663-8303 DATE: 1/1/2009

NOTICE TO READER: To the best of our knowledge, the information contained herein is accurate. Neither the above named supplier nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist. **END OF MSDS.**