

MATERIAL SAFETY DATA SHEET

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SECTION 1 - PRODUCT IDENTIFICATION AND USE

PRODUCT IDENTIFIER: **MERCON™SPRAY** PRODUCT IDENTIFICATION NUMBER: 20-MSPRAY
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:		PERCENT	LD50 OF INGREDIENTS (SPECIFY SPECIES AND ROUTE)
PROPYLENE GLYCOL	CAS#57-55-6	: 60.0 (BY WEIGHT)	20-34 G/KG (ORAL/RAT)
METHANOL	CAS#67-56-1	: 20.0 - 30.0 (BY WEIGHT)	6200 MG/KG (ORAL/RAT) 64000 PPM (VAPOR/RAT 4HRS)
AMMONIUM CHLORIDE	CAS#12125-02-9	: 1.0 - 1.5 (BY WEIGHT)	1650 MG/KG (ORAL/RAT)
FERRIC CHLORIDE	CAS#10025-77-1	: 0.05 - 0.30 (BY WEIGHT)	1872 MG/KG (ORAL/RAT)
COPPER SULFATE	CAS#7758-98-7	: 0.05 - 0.20 (BY WEIGHT)	300 MG/KG (ORAL/RAT)
PROPRIETARY INGREDIENTS		: 9.0	

SECTION 3 - PHYSICAL DATA

PHYSICAL STATE: BROWN LIQUID SPECIFIC GRAVITY: 1.027 (AT 24°C)
BOILING POINT: NOT AVAILABLE SOLUBILITY: NOT AVAILABLE
ODOR THRESHOLD: 2000 PPM (METHANOL) VAPOR PRESSURE: AIR=1, 1.0 EVAPORATION RATE: NOT AVAILABLE
FREEZING POINT: NOT AVAILABLE pH: NOT AVAILABLE
VAPOUR DENSITY: NOT AVAILABLE COEFF. WATER/OIL DIST: NOT AVAILABLE

SECTION 4 - FIRE AND EXPLOSION DATA

FIRE AND EXPLOSION: MAY BE INGITED BY OPEN FLAMES FLASH POINT: PENSKY MARTINS CC 25°C
MEANS OF EXTINCTION: DRY CHEMICAL, CARBON DIOXIDE, WATER SPRAY OR ALCOHOL RESISTANT 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 INHALATION: 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 LEAK AND SPILL PROCEDURE: MOP UP AND FLUSH WITH WATER
WASTE DISPOSAL: UNCONTAMINATED WITH MERCURY NORMAL CHANNELS, WHEN CONTAMINATED AS HAZARDOUS WASTE
HANDLING PROCEDURE: WASH THOROUGHLY AFTER HANDLING STORAGE REQUIREMENTS: STORE AT ROOM TEMPERATURE OUT OF
SPECIFIC SHIPPING INFORMATION: NONE 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

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