



“Provider of Superior Environmental Products & Services”

MATERIAL SAFETY DATA SHEET

SECTION I

PRODUCT AND PREPARATION INFORMATION

Trade Name: MERCON™SPRAY
Product Identification Number: 20-MSPRAY
Chemical Name & Synonyms: N/A
CAS Number: N/A

DISTRIBUTOR

Can-Ross Environmental Services Ltd.
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Oakville, ON L6L 5M9
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PRODUCT USE

Mercury vapour suppressant.

SECTION II

INGREDIENTS LIST

CHEMICAL IDENTITY	CAS NUMBER	PERCENT BY WEIGHT
Methanol	67-56-1	30.0
Ammonium Chloride	12124-02-9	1.3
Ferric Chloride	10025-77-1	0.15
Copper Sulfate	7758-99-8	0.13
Iodine	7553-56-2	0.01
Propylene Glycol	57-55-6	60.0



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SECTION III

PHYSICAL DATA

Physical state	Brown Liquid
Boiling point.....	None
Freezing point	None
Odour Threshold	6000PPM (Methanol)
Percent volatile by volume	None
Specific gravity.....	1.027
Evaporation rate	None
Vapour pressure.....	1, 1.0
Vapour density	None
pH.....	None
Coefficient of water/oil distribution.....	None

SECTION IV

FIRE OR EXPLOSION HAZARDS

Conditions of flammability	None
Extinguishing media.....	Carbon dioxide, dry chemical, universal-type foam
Hazardous combustion products	Ammonia, iodine gas
Special fire fighting procedures	Use self-contained breathing apparatus
Flash point & method of determination	Pensky martins cc 30°C
Upper flammable limit	36.5 (Methanol)
Lower flammable limit.....	6% Methanol
Explosion data-sensitivity to mechanical impact.....	None
Explosion data-sensitivity to static discharge	None
Unusual fire & explosion hazards	May be ignited by open flames

SECTION V

REACTIVITY DATA

Stability	Stable
Conditions to avoid	None
Incompatible substances.....	Avoid carbides, aluminum, bleach and strong oxidants
Hazardous decomposition products	None



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SECTION VI

TOXICOLOGICAL PROPERTIES

Route of entry:	Skin contact [x]	Skin absorption []
	Eye contact [x]	Inhalation [x]
	Ingestion [x]	
Effects of acute exposure:	Respiratory, eye irritation, blindness (methanol).	
Effects of chronic exposure:	Skin sensitizer, irritation, nervous system damage.	
Sensitization to product:	Yes, iodine.	
Irritancy of product:	Mild irritant.	

SECTION VII

PREVENTIVE MEASURES

Hand protection:	Rubber gloves.
Eye protection:	Safety goggles.
Respiratory protection:	NIOSH dust mask.
Body protection:	N/A
Foot protection:	N/A
Ventilation controls:	General (mechanical) room ventilation is satisfactory.

Steps to be taken in case of leak or spill:

Mop up and flush with water.

Waste disposal method:

Uncontaminated with mercury normal channels, when contaminated as hazardous waste.

Special handling:

Wash thoroughly after handling.

Storage requirements:

Store at room temperature out of direct sunlight.

SECTION VIII

FIRST AID MEASURES

Skin contact:	Wash affected area with soap and water. If rash persists, get medical attention.
Eye contact:	In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Call a physician.



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Inhalation: Provide fresh air immediately. If breathing has stopped, give CPR and get medical attention.
Ingestion: Drink milk. Do not induce vomiting. Get medical attention.

DISCLAIMER

Can-Ross believes the above information to be reliable. Handling of this product shall be restricted to qualified persons. Users must make their own tests when mixing this product with any other product or using it in any process which may alter its properties. Can-Ross assumes no responsibility whatsoever from any such usage.

EFFECTIVE: AUGUST 1, 2007 – AUGUST 1, 2010