

MATERIAL SAFETY DATA SHEET

Lloyds Laboratories Inc.

ISOCARE M.V.R. Mold and Viral Remediation – Part # 82216

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Isocare M.V.R. Mold and Viral Remediation. **PRODUCT USE:** Disinfectant Cleaner

MANUFACTURER: Lloyds Laboratories Inc. **SUPPLIER:** Lloyds Laboratories Inc.

ADDRESS: 613 Neal Drive,
Peterborough, Ontario
K9J 6X7 **ADDRESS:** 613 Neal Drive,
Peterborough, Ontario
K9J 6X7

EMERGENCY #: 1 800 361-6766 **EMERGENCY #:** 1 800 361-6766

SECTION II: INGREDIENT INFORMATION

Ingredients	CAS#	Wt%	OSHA-TWA	ACGIH-TWA	LD ₅₀
Di-(C8-10)-alkyl dimethyl ammonium chlorides	68424-95-3	1-10 %	Not applicable	Not Applicable	50-500 mg/kg (Oral/Rat)
Alkyl dimethyl benzyl ammonium chloride (C12-16)	68424-85-1	1-10 %	Not applicable	Not applicable	50 -500 mg/kg (Oral/Rat)
Alcohol ethoxylate	68991-48-0	7-15%	Not applicable	Not applicable	>2000 mg/kg (Oral/Rat)
Tetrasodium ethylenediaminetetraacetate	64-02-8	1-5 %	Not applicable	Not applicable	3,030 mg/kg (Oral/Rat)

SECTION III: HAZARDOUS IDENTIFICATION

Route of Entry: Eye, skin contact, ingestion.

Potential Health Effects:

Chronic Effects: Emergency overview DANGER.
CORROSIVE.
May be corrosive to eyes. May be corrosive to skin. HARMFUL OR FATAL IF SWALLOWED.
Potential health effects.
Eyes: May be corrosive to eyes.
Skin: May be corrosive to skin. This product may be harmful if it is absorbed through the skin.
Inhalation: Causes respiratory tract irritation.
Ingestion: This product may be harmful or fatal if swallowed.

Carcinogenicity: No ingredients listed or NTP or ACGIC. Non hazardous by WHMIS/OSHA criteria. IARC classified 3 (Not classified for human).

Teratogenicity, Mutagenicity, Reproductive Effects: The ingredients in this product were found to be mutagenic when tested by the Ames Assay, (OECD Guidelines for chemical testing, sec.471) only on bacterial and yeast.

Skin: Repeated or prolonged exposures to dilutions can cause drying, defatting and dermatitis.

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SECTION IV: FIRST AID MEASURES

Eye Contact: Immediately flush with water for 15 minutes. Holding eyelids open during flushing. If irritation persists, repeat flushing and obtain medical attention immediately.

Skin Contact: Flush with water. Seek medical attention if irritation persists. Remove contaminated clothing and laundry before reuse.

Inhalation: Move victim to fresh air. If conscious, have victim take deep, slow breaths. Seek medical attention if symptoms persist.

Ingestion: DO NOT INDUCE VOMITING. Rinse mouth with water, then drink one glass of water. Seek medical attention. Do not give anything to victim if unconscious or convulsing.

Notes to physician If the product is ingested, probable mucosal damage may contraindicate the use of gastric lavage. Treat the affected person appropriately.

SECTION V: FIRE FIGHTING MEASURES

Flammability: Non flammable.

Flash Point deg (C,TCC): Not Applicable.

Means of Extinction: As appropriate for surrounding fire. Use water, dry chemical, carbon dioxide or foam.

Special Fire Hazards: Fire fighters should wear self contained breathing apparatus as for surrounding fire.

Autoignition Temperature: Not applicable.

Flame Propagation or Burning Rate of Solid: Not applicable.

Sensitivity to Static Discharge: Not applicable.

Unusual Fire and Explosion Hazards: None expected. As per surrounding fire.

Hazardous Decomposition products: Oxides of carbon, oxides of nitrogen.

SECTION VI: ACCIDENTAL RELEASE MEASURES

Leak and Spill Procedures: Before attempting clean up, refer to the hazard data provided above. Small spills may be absorbed with non reactive absorbent and placed in suitable, covered, labeled container. For large quantities, dispose of in accordance with local, provincial/ state or federal regulations. For large spills prevent from entering sewers and waterways. For large spills provide diking to prevent spreading.

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SECTION VII: HANDLING AND STORAGE

Storage Requirements: KEEP OUT OF REACH OF CHILDREN. Store in a closed container away from incompatible materials which include acids, oxidizing materials, reducing sugars and Ammonia Salts. Storage temperature C Ambient to 30C (must be stored above 8 C at all times). Transport temperature C Ambient to 30 C (must be stored above 8 C at all times). Keep container closed. Handle and open container with care. Store in a well ventilated place away from incompatible materials. Do not store near open flame. Do not reuse empty containers.

CONTAINER DISPOSAL - Do not reuse empty container. Triple rinse empty container with water. Return metal drum then offer for reconditioning or puncture and dispose of in a sanitary landfill, or by other procedures approved by State and local authorities. Plastic containers may be disposed of in a sanitary landfill, incinerated, or if allowed by local authorities, by burning. If burned, stay out of smoke. Offer for recycling if available.

PESTICIDE DISPOSAL - Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal Law. If these wastes cannot be disposed of by use according to label instructions contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

SECTION VIII: EXPOSURE CONTROL/PERSONAL PROTECTION

Gloves: Impervious gloves normally required.

Eye Protection: Splash goggles if eye contact possible.

Respiratory Protection: Not normally required if good ventilation is maintained.

Other Protective Equipment: As required by employer code. Eye bath, safety shower, protective clothing.

Engineering Controls: General ventilation normally required.

SECTION IX: PHYSICAL AND CHEMICAL PROPERTIES

Boiling Point (deg C)	100	Specific Gravity (H₂O = 1):	1.01-1.1	Evaporation Rate (water=1):	Similar
% Volatile (Wt%):	> 80 %	Solubility in water:	Complete	pH (as supplied):	7.0-8.0
Physical State:	Liquid	Viscosity:	Water like		
Appearance / Odour:	Liquid with typical odour.				

SECTION X: STABILITY AND REACTIVITY

Conditions for Chemical Instability: Normally stable.

Incompatible Materials: Strong oxidizing agents, strong acids, ammonia reducing agents

Hazardous Decomposition Products: Oxides of carbon.

SECTION XI: TOXICOLOGICAL INFORMATION

See Section II for LD 50 for individual components.

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SECTION XII: ECOLOGICAL INFORMATION

Biodegradability: Surfactants are readily biodegradable.
Toxic to aquatic life.

SECTION XIV: TRANSPORTATION

T.D.G. Classification: Not Regulated.
D.O.T. Classification: Not Regulated.

SECTION XV: REGULATORY INFORMATION

Occupational Health and Safety

Regulations:

WHMIS Class:

D2B.

OSHA & WHMIS:

MSDS prepared pursuant to the Hazard Communication Standard (CFR29.1920.1200) and Canadian WHMIS regulations.

Environmental Regulatory Lists:

SARA – Section 313 (Toxic Chemical Release Reporting) 40 CFR 372:

None of these ingredients are listed.

CERCLA – Section 102 (Reportable Quantity) 40 CFR 302:

No.

RCRA 40 CFR 261 (Subpart D):

Not known.

CLEAN WATER ACT – Section 311 (Reportable Qty) 40 CFR 116:

Not known.

CLEAN AIR ACT – Section 312 (List of Hazardous Pollutants) 40 CFR 63

None of these ingredients are listed.

(Subpart C):

National Pollutant Release Inventory:

Not known.

Toxic Substances Control Act (TSCA):

All ingredients are registered on the Chemical Substances Inventory.

Canadian Domestic Substance List (DSL):

All ingredients are registered on the DSL.

SECTION XVI: OTHER INFORMATION

Date: June 7, 2013	Prepared By: Technical Services Group	Telephone: 1 800 361 6766
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Disclaimer:

Information for this material safety data sheet was obtained from sources considered technically accurate and reliable. While every effort has been made to ensure full disclosure of product hazards, in some cases data is not available and is so stated. Since conditions of actual product use are beyond the control of supplier, it is assumed that users of this material; have been fully trained according to the mandatory requirements of WHMIS. No warranty, expressed or implied, is made and supplier will not be liable for any losses, injuries for consequential damages, which may result from the use or reliance on any information contained in this form. If user requires independent information on ingredients in this or other material, we recommend contact with the Canadian Centre for Occupational Health and Safety (CCOHS) in Hamilton, Ontario (905-572-4400) or CSST in Montreal, Quebec (514-873-3990).