



Material Safety Data Sheet

DECONTAMINANT DX-50

Section 1. Chemical product and company identification

Common name	: DECONTAMINANT DX-50		
Supplier	: Dr.DETROIT Inc. 1540, De Coulomb, Boucherville QC Canada J4B 8A3 Tel: (514) 237-7199 Fax: +1-(450)449-9174	Manufacturer	: LUBRI-LAB Inc. 1540, De Coulomb, Boucherville QC Canada J4B 8A3 Tel: +1-(450) 449-1626 Fax: +1-(450)449-9174
Synonym	: Not available.	Validation date	: 2014-05-14.
Trade Name	: DX-50	Print date	: 2014-05-14.
Material Uses	: Decontaminant	In case of emergency	: Canutec (613) 996-6666

Section 2. Hazards identification

Physical state	: Liquid. (Clear.)
Emergency overview	: No specific hazard. Follow good industrial hygiene practice.
Routes of entry	: Dermal contact. Eye contact. Inhalation. Ingestion.
Potential acute health effects	
Inhalation	: No known significant effects or critical hazards.
Skin	: No known significant effects or critical hazards.
Eyes	: No known significant effects or critical hazards.
Ingestion	: No known significant effects or critical hazards.
Potential chronic health effects	: Carcinogenic effects: Not classified or listed by IARC, NTP, OSHA, EU and ACGIH. Mutagenic effects: Not available. Teratogenic effects: Not available.
Medical conditions aggravated by over-exposure	: Repeated or prolonged exposure is not known to aggravate any medical condition.
See toxicological information (section 11)	

Section 3. Composition, Information on Ingredients

	CAS number	mole %
Canada No hazardous ingredient.		

This material is classified as not hazardous under the WHMIS in Canada.
See Chapters 8, 11, 14 and 15 for details.

Section 4. First aid measures

- Inhalation** : If inhaled, remove to fresh air. If not breathing, give artificial respiration. Get medical attention.
- Skin contact** : Wash with soap and water. Get medical attention if irritation occurs.
- Eye contact** : Check for and remove any contact lenses. In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention if irritation occurs.
- Ingestion** : Do not induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Get medical attention if symptoms appear.
- Notes to physician** : No specific antidote. Medical staff must contact Poison Control Center.

Section 5. Fire fighting measures

- Flammability of the product** : May be combustible at high temperature.
- Fire hazards in the presence of various substances** : Slightly flammable to flammable in the presence of open flames, sparks and static discharge.
- Fire-fighting media and instructions** : Use an extinguishing agent suitable for the surrounding fire.
- No specific hazard.
- Special protective equipment for fire-fighters** : Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

Section 6. Accidental release measures

- Personal precautions** : Use suitable protective equipment (section 8).
- Environmental precautions** : Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.
- Methods for cleaning up** : Use appropriate equipment to put the spilled material in a waste disposal container.

Section 7. Handling and storage

- Handling** : Wash thoroughly after handling.
- Storage** : Keep container tightly closed. Keep container in a cool, well-ventilated area.

Section 8. Exposure controls, personal protection

- Engineering controls** : No special ventilation requirements.

Personal protection

- Respiratory** : Not applicable.
- Hands** : Gloves.



- Eyes** : Safety glasses.



- Skin/Body** : Not applicable.

- Personal protection in case of a major leak** : Safety glasses, goggles or face shield. Impervious gloves. Full suit. Metal cap, safety boots. Wear MSHA/NIOSH-approved self-contained breathing apparatus or equivalent and full protective gear.

- Exposure limits** : Not available.

Consult local authorities for acceptable exposure limits.

Section 9. Physical and chemical properties

Physical state	: Liquid. (Clear.)
Color	: Blue. (Light.)
Odor	: Petroleum.
Specific gravity	: Weighted average: 0.88 (Water = 1)
Solubility	: Very slightly soluble in cold water, hot water.

Section 10. Stability and reactivity

Stability and reactivity	: The product is stable.
Incompatibility with various substances	: Reactive with oxidizing agents.
Hazardous polymerization	: Will not occur.

Section 11. Toxicological information

Acute Effects

Inhalation	: No known significant effects or critical hazards.
Skin	: No known significant effects or critical hazards.
Eyes	: No known significant effects or critical hazards.
Ingestion	: No known significant effects or critical hazards.
Potential chronic health effects	: Carcinogenic effects: Not classified or listed by IARC, NTP, OSHA, EU and ACGIH. Mutagenic effects: Not available. Teratogenic effects: Not available.

Section 12. Ecological information

Products of degradation	: These products are carbon oxides .
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Section 13. Disposal considerations

Disposal	: Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements.
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Section 14. Transport information

Classification

TDG/ IMDG/ IATA: Not regulated.

Label

Not applicable.

Additional information

Not applicable.

Section 15. Regulatory information

Canada

WHMIS (Canada)

: Not regulated.
DSL : All components listed.

Section 16. Other information

Hazardous Material Information System (U.S.A.)

Health	0
Fire hazard	1
Reactivity	0
Personal protection	C

National Fire Protection Association (U.S.A.)



References

: ANSI Z400.1, MSDS Standard, 2004. - Manufacturer's Material Safety Data Sheet. - Canada Gazette Part II, Vol. 122, No. 2. Registration SOR/88-64, 31 December 1987. Hazardous Products Act "Ingredient Disclosure List" - Canadian Transport of Dangerous Goods, Regulations and Schedules, Clear Language version 2002. CGA C-7 Guide to the Preparation of Precautionary Labels and Marking of Compressed Gas Containers. CGA P-20 Standard for Classification of Toxic Gas Mixtures. CGA P-23 Standard for Categorizing Gas Mixtures Containing Flammable and Nonflammable Components.

Date of issue : 04/30/2014

Version : 1

Notice to reader

To the best of our knowledge, the information contained herein is accurate. However, 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.