




DECON-IT®

Safety Data Sheet

SECTION 1. IDENTIFICATION

Product Identifier	DECON-IT®
Other Means of Identification	Not Applicable
Recommended Use	Remediation Surfactant, Surface, and Equipment Decontamination (ASTM D5088), Industrial Cleaning, Tank Cleaning and Environmental Remediation
Restrictions on Use	Not Applicable
Initial Supplier Identifier	Ivey International Inc. Unit 7, 19122-27 Avenue Surrey, BC, Canada V3Z 5T1 Tel: +1 (604) 538-1168 Toll Free: +1 800 246-2744
Emergency Telephone Number	+1 (604) 538-1168 (Not available 24 hours)

SECTION 2. HAZARD IDENTIFICATION

Classification	EYE DAMAGE/IRRITATION – CATEGORY 2 SKIN CORROSION/IRRITATION – CATEGORY 3
Label Elements Pictograms	
Signal Word	WARNING
Hazard Statements	H316 – Causes mild skin irritation. H319 – Causes serious eye irritation.
Precautionary Statements	
Prevention:	P264 – Wash hands and exposed skin thoroughly after handling. P280 – Wear protective gloves/eye protection.
Response:	P305 + P351 + P338 – If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P337 + P313 – If eye irritation persists: Get medical advice/attention. P333 + P313 – If skin irritation or rash occurs: Get medical advice/attention.
Storage:	Not Applicable
Disposal:	P501 – Dispose of contents/container to an approved waste disposal plant.
Other Hazards	
Notes:	

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS No.	By volume%*	Common name / Synonyms
DECON-IT® A - Biodegradable Non-ionic Surfactants	Proprietary	1 – 5%*	Not Available
DECON-IT® B - Biodegradable Non-ionic Surfactants	Proprietary	1 – 5%*	Not Available
DECON-IT® C - Biodegradable Non-ionic Surfactants	Proprietary	1 – 5%*	Not Available
DECON-IT® D - Biodegradable Non-ionic Surfactants	Proprietary	1 – 5%*	Not Available
DECON-IT® E - Biodegradable Non-ionic Surfactants	Proprietary	1 – 5%*	Not Available
DECON-IT® J - Biodegradable Non-ionic Surfactants	Proprietary	1 – 5%*	Not Available
Preservative**	Not Available	<0.01%	Not Available
Scent**	Not Available	0.1 – 1%*	Not Available
Water	7732-18-5	60 – 80%*	Not Available

Notes	*Prescribed ranges as per Hazardous Products Regulation (HPR) **Below reporting requirements/do not contribute to classification.
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SECTION 4. FIRST-AID MEASURES

Inhalation	Will not cause adverse effects in most individuals. If necessary, remove victim to fresh air.
Skin Contact	Will not cause adverse reactions in most individuals. If necessary, wash hands with soap and water.
Eye Contact	Check for and remove contact lenses if present. Immediately flush contaminated eye(s) with cold water for at least 20 minutes. Hold eyelids open to ensure irrigation of tissue. If irritation persists, get medical advice.
Ingestion	Never give anything by mouth if victim is rapidly losing consciousness or is unconscious or is convulsing. Have victim rinse mouth thoroughly with water. DO NOT INDUCE VOMITING. Have victim drink a cup of water to dilute chemical. If vomiting occurs naturally, have the victim lean forward to reduce risk of aspiration. Repeat administration of water. Call poison control center.
Most Important Symptoms and Effects, Acute and Delayed	Acute: SKIN CONTACT: May cause slight irritation in sensitive individuals. EYE CONTACT: May cause redness/tearing/pain. Chronic: Not expected.
Immediate Medical Attention and Special Treatment	Treat symptomatically.

SECTION 5. FIRE-FIGHTING MEASURES

Extinguishing Media	
Suitable Extinguishing Media	Carbon dioxide, foam, dry chemical. This product is not flammable. Use extinguishing media suitable for surrounding fire fighting situations.
Unsuitable Extinguishing Media	Not Applicable
Specific Hazards Arising from the Product	Not Applicable
Special Protective Equipment and Precautions for Fire-Fighters	Evacuate area and fight fire from a safe distance. Wear full standard protective equipment including SCBA for enclosed spaces. Downwind personnel must be evacuated. Cool tanks/drums with water spray/remove them into safety.

SECTION 6. ACCIDENTAL RELEASE

Personal Precautions, Protective Equipment, and Emergency Procedures	Evacuate unnecessary personnel from spill area. Wear appropriate personal protective equipment. Ventilate area. Remove chemicals which can react with the spilled material if it can be done without risk. Implement spill control plan. Stop or reduce leak if safe to do so. Prevent from entering sanitary or storm sewers, waterways, or confined spaces by diking with inert materials such as earth or sand.
Methods for Containment and Cleaning Up	Restrict access to area until completion of cleanup. Ensure cleanup is conducted by trained personnel only. Use all appropriate personal protective equipment. For small spills, wipe up with an absorbent material and clean area to remove contamination. For large spills, absorb and collect spillage with an inert material such as vermiculite, sand, or clay. Dispose of in accordance with local regulations.

SECTION 7. HANDLING AND STORAGE

Precautions for Safe Handling	Do not handle until all safety precautions have been read and understood. Keep containers closed when not in use. Handle and open the container with care. Avoid breathing excessive amount of mist/vapour. Avoid contact with skin/eyes. Handle in closed systems if possible. Observe strict hygiene.
Conditions for Safe Storage	Keep only in the original container in a cool, well-ventilated place away from incompatible materials. Keep container closed when not in use. Open containers must be carefully resealed. Store in a dry area. Keep away from incompatible materials (See Section 10).

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control Parameters

Chemical Name	ACGIH® TLV®		Canada OEL	
	TWA	STEL	TWA	STEL
DECON-IT® Constituents (A-J)	Not Available	Not Available	Not Available	Not Available

Notes	*Exposure limits may vary from time to time and from one jurisdiction to another. Check with local regulatory agency for the exposure limits in your area.
Appropriate Engineering Controls	Provide natural or explosion-proof ventilation adequate (10 changes per hour) to ensure concentrations are kept below exposure limits.
Individual Protection Measures	
Eye/Face Protection	Eye protection is required. The wearing of contact lenses is not recommended.
Skin Protection	Gloves and skin protection are recommended for sensitive individuals.
Respiratory Protection	Not required for most uses. If in confined areas, use appropriate respiratory protection.
Other	Have a safety shower and eye wash station readily available in the immediate work area.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Colourless/slight white liquid	Specific Gravity (water = 1)	0.99 – 1.04
Odour	Mild.	Solubility in Water	Completely miscible
Odour Threshold	Not Available	Solubility in Other Liquids	Not Available
pH	Not Available (near 7)	Partition Coefficient, n-Octanol / Water (Log K _{ow})	Not Available

Melting Point and Freezing Point	~0°C	Auto-ignition Temperature	Not Applicable
Initial Boiling Point and Boiling Range	Not Available	Decomposition Temperature	Not Available
Flash Point	None (Tag Closed Cup)	Viscosity	Not Available
Evaporation Rate	<0.01	Flammability (solid, gas)	Not Applicable (Liquid)
Vapour Density (air = 1)	>1 (air = 1)	Upper and Lower Flammability or Explosive Limit	Not Applicable
Vapour Pressure	<0.01 mm Hg	% Volatile	Not Available

SECTION 10. STABILITY AND REACTIVITY

Reactivity	Stable under normal conditions of use, storage, transport.
Chemical Stability	Stable under normal conditions.
Hazardous Polymerization	None known under normal conditions.
Conditions to Avoid	Excessive heat or freezing may damage product.
Incompatible Materials	Avoid strong bases at high temperatures, strong acids, strong oxidizing agents, and materials with reactive hydroxyl compounds.
Hazardous Decomposition Products	Not Available

SECTION 11. TOXICOLOGICAL INFORMATION

Likely Routes of Exposure

Inhalation Skin contact Eye contact Ingestion (* = Major)

Acute Toxicity	
LC50	Not Available
LD50 (oral)	1900 – 5000 mg/kg (Rat)
LD50 (dermal)	>3000 mg/kg ATE (Rabbit)
Notes	Not expected to be acutely toxic.
Skin Corrosion / Irritation	Mild irritation.
Serious Eye Damage / Irritation	Eye irritation. Pain, redness, tearing.
STOT (Specific Target Organ Toxicity) - Single Exposure	Not reported.
Aspiration Hazard	Not reported.
STOT (Specific Target Organ Toxicity) - Repeated Exposure	Not reported.
Respiratory and/or Skin Sensitization	Not reported.
Carcinogenicity	Not reported.
Notes	

Reproductive Toxicity	
Development of Offspring	Not reported.
Sexual Function and Fertility	Not reported.
Effects on or via Lactation	Not reported.
Germ Cell Mutagenicity	Not expected to be a mutagen.
Interactive Effects	Not reported.

SECTION 12. ECOLOGICAL INFORMATION

Ecotoxicity	Not expected to be toxic to the aquatic environment.		
	Ingredient	Species	LC/EC ₅₀
	DECON-IT®	Fish	LC ₅₀ 0.07695% (96h)
		Daphnia	EC ₅₀ 0.11% (48h)
		Not Available	
Persistence and Degradability	Readily Biodegradable. >90% Biodegradable within 28 days. (OECD Procedures 301 E (ISO 7827:1984) and 301 B (ISO 7827:1994), AS 4351.1-7.).		
Bioaccumulative Potential	<i>Not Available</i>		
Mobility in Soil	<i>Not Available</i>		
Other Adverse Effects	<i>Not Available</i>		

SECTION 13. DISPOSAL CONSIDERATIONS

Disposal Methods	Canadian Environmental Protection Act: All ingredients are listed in the DSL. Dispose of in accordance with all federal, provincial/state, and local regulations. Consult with your local supplier for additional information.
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SECTION 14. TRANSPORT INFORMATION

Regulation	UN No.	Proper Shipping Name	Technical Name (for N.O.S. entry)	Transport Hazard Class(es)	Packing Group
Canadian TDG Regulations					
IATA Regulations					
IMDG Code					
Notes: Not Regulated for Transport. HS Code: 3402.42.0000					

SECTION 15. REGULATORY INFORMATION

Safety, Health and Environmental Regulations	CANADIAN ENVIRONMENTAL PROTECTION ACT (CEPA): All ingredients are on the Domestic Substances List (DSL).
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SECTION 16. OTHER INFORMATION

Date of Creation	July 7, 2014
Date of Latest Revision	March 30, 2020, November 5, 2022, October 6, 2023
Disclaimer	<p>This Safety Data Sheet (SDS) was prepared by iHazmat Regulatory Ltd., (www.iHazmat.com) using information provided by Ivey International Inc. The information in this SDS is offered for your consideration and guidance when working with this product. As per usual practice, accuracy of the information included is based on what was provided by the manufacturer and sole liability for the accuracy of these documents falls to Ivey International Inc. The user should consider the health hazards and safety information herein as a guide and should take precautions required in an individual operation to instruct employees and develop work practice procedures for a safe work environment. The information herein is, to the best of Ivey International Inc.'s knowledge and belief, accurate. However, since the conditions of handling and use are beyond our control, we make no guarantee of results, and assume no liability for damages incurred by the use, storage, handling, or disposal of this material. It is the responsibility of the user to comply with all applicable laws and regulations.</p>

**SDS compliant with WHMIS 2015*