

**Ivey International Inc.**

"Today's Environmental Solutions For A Better Tomorrow"


# Safety Data Sheet

## DECON-IT®

### SECTION 1. IDENTIFICATION

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

### SECTION 2. HAZARD IDENTIFICATION

<b>Classification</b>	<b>EYE DAMAGE/IRRITATION – CATEGORY 2</b> <b>SKIN CORROSION/IRRITATION – CATEGORY 3</b>
<b>Label Elements Pictograms</b>	
<b>Signal Word</b>	<b>WARNING</b>
<b>Hazard Statements</b>	H316 – Causes mild skin irritation. H319 – Causes serious eye irritation.
<b>Precautionary Statements</b>	
<b>Prevention:</b>	P264 – Wash hands and exposed skin thoroughly after handling. P280 – Wear protective gloves/eye protection.
<b>Response:</b>	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.
<b>Storage:</b>	<i>Not Applicable</i>
<b>Disposal:</b>	P501 – Dispose of contents/container to an approved waste disposal plant.
<b>Other Hazards</b>	
<b>Notes:</b>	

## SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS No.	By volume%*	Common name / Synonyms
DECON-IT® A - Biodegradable Non-ionic Surfactants	9002-93-1	1 – 5%*	<i>Not Available</i>
DECON-IT® B - Biodegradable Non-ionic Surfactants	9002-93-1	1 – 5%*	<i>Not Available</i>
DECON-IT® C - Biodegradable Non-ionic Surfactants	9081-99-6	1 – 5%*	<i>Not Available</i>
DECON-IT® D - Biodegradable Non-ionic Surfactants	9036-19-5	1 – 5%*	<i>Not Available</i>
DECON-IT® E - Biodegradable Non-ionic Surfactants	89004-38-5	1 – 5%*	<i>Not Available</i>
DECON-IT® J - Biodegradable Non-ionic Surfactants	9036-19-5	1 – 5%*	<i>Not Available</i>
Preservative**	<i>Not Available</i>	<0.01%	<i>Not Available</i>
Scent**	<i>Not Available</i>	0.1 – 1%*	<i>Not Available</i>
Water	7732-18-5	60 – 80%*	<i>Not Available</i>

### Notes

\*Prescribed ranges as per Hazardous Products Regulation (HPR)  
 \*\*Below reporting requirements/do not contribute to classification.

## SECTION 4. FIRST-AID MEASURES

<b>Inhalation</b>	Will not cause adverse effects in most individuals. If necessary, remove victim to fresh air.
<b>Skin Contact</b>	Will not cause adverse reactions in most individuals. If necessary, wash hands with soap and water.
<b>Eye Contact</b>	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.
<b>Ingestion</b>	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.
<b>Most Important Symptoms and Effects, Acute and Delayed</b>	Acute: SKIN CONTACT: May cause slight irritation in sensitive individuals. EYE CONTACT: May cause redness/tearing/pain. Chronic: Not expected.
<b>Immediate Medical Attention and Special Treatment</b>	Treat symptomatically.

## SECTION 5. FIRE-FIGHTING MEASURES

<b>Extinguishing Media</b>	
<b>Suitable Extinguishing Media</b>	Carbon dioxide, foam, dry chemical. This product is not flammable. Use extinguishing media suitable for surrounding fire fighting situations.
<b>Unsuitable Extinguishing Media</b>	<i>Not Applicable</i>
<b>Specific Hazards Arising from the Product</b>	<i>Not Applicable</i>
<b>Special Protective Equipment and Precautions for Fire-Fighters</b>	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 MEASURES

<b>Personal Precautions, Protective Equipment, and Emergency Procedures</b>	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.
<b>Methods for Containment and Cleaning Up</b>	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

<b>Precautions for Safe Handling</b>	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.
<b>Conditions for Safe Storage</b>	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)	<i>Not Available</i>	<i>Not Available</i>	<i>Not Available</i>	<i>Not Available</i>

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

## SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance</b>	Colourless/slight white liquid	<b>Specific Gravity (water = 1)</b>	0.99 – 1.04
<b>Odour</b>	Mild.	<b>Solubility in Water</b>	Completely miscible
<b>Odour Threshold</b>	<i>Not Available</i>	<b>Solubility in Other Liquids</b>	<i>Not Available</i>
<b>pH</b>	<i>Not Available (near 7)</i>	<b>Partition Coefficient, n-Octanol / Water (Log Kow)</b>	<i>Not Available</i>

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

## SECTION 10. STABILITY AND REACTIVITY

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

## SECTION 11. TOXICOLOGICAL INFORMATION

### Likely Routes of Exposure

Inhalation     Skin contact     Eye contact     Ingestion    (\* = Major)

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

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

## SECTION 12. ECOLOGICAL INFORMATION

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

## SECTION 13. DISPOSAL CONSIDERATIONS

<b>Disposal Methods</b>	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
<b>Canadian TDG Regulations</b>					
<b>IATA Regulations</b>					
<b>IMDG Code</b>					
<b>Notes: Not Regulated For Transport. HS Code: 3402.13.1000</b>					

## SECTION 15. REGULATORY INFORMATION

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

<b>Date of Creation</b>	July 7, 2014
<b>Date of Latest Revision</b>	March 30, 2020
<b>Disclaimer</b>	<p>This Safety Data Sheet (SDS) was prepared by iHazard Regulatory Ltd., (<a href="http://www.iHazard.com">www.iHazard.com</a>) 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*