

**MATERIAL SAFETY DATA SHEET**

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**PRODUCT NAME:** KAI DRI  
**OTHER NAME:**  
**DISTRIBUTED BY:** KAIVAC INC.

**CODE: G613**

**WHMIS CLASSIFICATION:** D2B  
**TDG CLASSIFICATION:** Not Regulated

HAZARDOUS INGREDIENTS	%WT/WT	CAS NO.	TOXICITY DATA (LD <sub>50</sub> & LC <sub>50</sub> )
Nonionic Surfactants	7-13	Not Avail.	Not Available
Ethylene Glycol Monobutyl-Ether	1-5	111-76-2	LD <sub>50</sub> Oral (rat) 1480 mg/kg LD <sub>50</sub> Dermal (rabbit) 630 mg/kg

**PHYSICAL DATA FOR PRODUCT**

Physical State: Liquid	Sp. Gravity: 1.001	pH: 6-7
Boiling Point: 100°C	Vapour Pressure: Not Avail.	
Vapour Density: Not Avail.	Evaporation Rate: Not Avail.	
Freezing Point: Not Avail.		
Solubility in Water: 100%		
Appearance & Odour: Clear solution with glycol ether odour.		

**FIRE AND EXPLOSION DATA FOR PRODUCT**

Flash Point (Test Method): 143° F  
Flammable Limits in Air, % by vol. Non-flammable Lower: N/A Upper: N/A  
Fire Extinguishing Substances: (X) Water Fog ( ) Foam (X) CO<sub>2</sub>  
(X) Dry Chem (X) Other: Use media proper to primary cause of fire.

Hazardous Combustion Products: May produce irritating aldehydes, acids and ketones.

Special Firefighting Procedures: Use self contained breathing equipment and protective clothing to prevent contact with skin and eyes.

**REACTIVITY DATA FOR PRODUCT**

Incompatibility: ( ) Water (X) Oxidizing Material ( ) Acid ( ) Base ( ) Other:  
Hazardous Decomposition Products: Combustion will produce carbon dioxide and possibly carbon monoxide.

Chemical Stability: Stable under normal conditions.

\*N/A - Not applicable.

Product Name: **KAI DRI**

**HEALTH HAZARD INFORMATION FOR PRODUCT**  
**EMERGENCY and FIRST AID PROCEDURES**

Inhalation: Move to fresh air. Get medical attention if respiratory irritation occurs.

Ingestion: Do not induce vomiting. Drink large quantities of water. Get medical attention.

Eyes: Flush with plenty of water for 15 minutes. If irritation persists, get medical attention.

Skin: Flush with plenty of running water.

**EFFECTS OF OVEREXPOSURE (Acute and Chronic)**

Inhalation: May cause irritation or respiratory tract.

Ingestion: May cause gastrointestinal irritation, nausea. Glycol ether has a toxic effect on the red blood cells.

Eyes: Causes irritation.

Skin: May cause irritation. Glycol ether may be absorbed through skin.

**PREVENTIVE MEASURES**

Steps to be taken upon release or spillage (including neutralizing): Flush with water and mop up.

Waste disposal method: Dispose in accordance with federal, provincial and local regulations.

Handling and Storage Requirements: Store in a cool, dry well ventilated area above freezing temperature away from incompatibles. Keep container closed when not in use.

Ventilation Requirements (Local or General): Use under well ventilated area.

Respiratory Protection: A mask may be worn.

Eye Protection: Safety glasses with sideshield should be worn.

Other Protection: Rubber gloves and coveralls should be worn to minimize contact with skin and clothing.

**PREPARED BY:** Technical Services Department, Ostrem Chemical Co. Ltd., Ph: (780) 440-1911