

MATERIAL SAFETY DATA SHEET — 16 Sections

SECTION 1 — CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Identifier Rim Guard Tire Ballast		[WHMIS Classification]	
Product Use Liquid Ballast for Tractor Tires			
Manufacturer's Name Kobig Ballast DBA Rim Guard, Inc.		Supplier's Name	
Street Address 1575 Gezon Pkwy SW		Street Address	
City Wyoming	Province MI	City	Province
Postal Code 49509	Emergency Telephone 616-608-7745	Postal Code	Emergency Telephone
Date MSDS Prepared August 2015	MSDS Prepared By Philip F Globig	Phone Number	

SECTION 2 — COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous Ingredients (<i>specific</i>)	%	CAS Number	LD ₅₀ of Ingredient (<i>specify species and route</i>)	LC ₅₀ of Ingredient (<i>specify species</i>)
No hazardous components		N/A		
Concentrated mixture of soluble material mainly potassium sulfate and amino acids			N/A	N/A

SECTION 3 — HAZARDS IDENTIFICATION

Route of Entry	<input checked="" type="checkbox"/> Skin Contact	<input type="checkbox"/> Skin Absorption	<input checked="" type="checkbox"/> Eye Contact	<input type="checkbox"/> Inhalation	<input checked="" type="checkbox"/> Ingestion
[Emergency Overview]					
WHMIS Symbols]	N/A				
Potential Health Effects	Prolonged contact may cause skin sensitization. For prolonged contact, wear safety glasses with side shields and water-proof gloves. Dissolved salts may cause mild eye irritation. Under normal handling conditions, no health effects.				

SECTION 4 — FIRST AID MEASURES

Skin Contact	Prolonged contact may cause mild skin irritation. Flush with water for at least 15 minutes
Eye Contact	Flush with water for at least 15 minutes. Get medical attention.
Inhalation	N/A
Ingestion	If swallowed, give large amounts of water. Do not induce vomiting to avoid aspiration. Get medical attention.

SAMPLE FORMAT PROVIDED BY THE WORKERS' COMPENSATION BOARD OF BRITISH COLUMBIA

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SECTION 5 — FIRE FIGHTING MEASURES

Flammable <input type="checkbox"/> Yes <input checked="" type="checkbox"/> NO		If yes, under which conditions?	
Means of Extinction Use extinguishing media appropriate for surrounding fire			
Flashpoint (°C) and Method N/A		Upper Flammable Limit (% by volume) N/A	Lower Flammable Limit (% by volume) N/A
Autoignition Temperature (°C) N/A		Explosion Data — Sensitivity to Impact N/A	Explosion Data — Sensitivity to Static Discharge N/A
Hazardous Combustion Products N/A			
[NFPA]			

SECTION 6 — ACCIDENTAL RELEASE MEASURES

Leak and Spill Procedures Absorb large spills with inert material. Collect with some mechanical device. Dilute and contain material to prevent contamination of ground or surface water. Wash down with warm water. Clean up personnel may require protective rubber boots and rubber gloves. Dispose of in accordance with applicable Federal, State and local environmental regulations.

SECTION 7 — HANDLING AND STORAGE

Handling Procedures and Equipment Avoid high temperatures. Viscosity will increase with cold temperatures. Do not use steam for cleaning. Steam will cause salts to cake and make them difficult to remove. Floor spills are slippery.
Storage Requirements Avoid aluminum containers. Plastic or steel containers are preferable.

SECTION 8 — EXPOSURE CONTROL / PERSONAL PROTECTION

Exposure Limits <input type="checkbox"/> ACGIH TLV <input type="checkbox"/> OSHA PEL <input type="checkbox"/> Other (specify)
Specific Engineering Controls (such as ventilation, enclosed process) Normal ventilation. Barricade tape slippery floor spills. Clean up/wash down immediately. Avoid eye and skin contact. Wash with soap and water after handling.
Personal Protective Equipment <input checked="" type="checkbox"/> Gloves <input type="checkbox"/> Respirator <input checked="" type="checkbox"/> Eye <input type="checkbox"/> Footwear <input type="checkbox"/> Clothing <input type="checkbox"/> Other
If checked, please specify type Under normal conditions, none are needed. Under prolonged conditions, wear rubber or waterproof gloves, safety glasses with eye shields. No respiratory protection required. Store in closed containers.

SECTION 9 — PHYSICAL AND CHEMICAL PROPERTIES

Physical State Dark Brown Liquid	Odour and Appearance Dark Brown Amino Acid	Odour Threshold (ppm)
Specific Gravity 1.29 - 1.31	Vapour Density (air = 1) N/A	Vapour Pressure (mmHg) N/A
Evaporation Rate N/A	Boiling Point (°C) 212 degrees F 100 degrees C	Freezing Point (°C) -35 degrees F -37 degrees C
pH 9-10	Coefficient of Water/Oil Distribution N/A	[Solubility in Water] very soluble

SECTION 10 — STABILITY AND REACTIVITY

Chemical Stability <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	If no, under which conditions?
Incompatibility with Other Substances <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	If yes, which ones? Calcium Chloride, strong acids or bases depending upon proportional mix increased foaming, coagulating, and corrosiveness
Reactivity, and under what conditions? None known	
Hazardous Decomposition Products Combustion may produce CO2	

SECTION 11 — TOXICOLOGICAL INFORMATION

Effects of Acute Exposure	
None. Non-hazardous under normal circumstances. No eye or skin irritation under normal handling conditions	
Effects of chronic exposure skin contact may cause redness, increased irritation, and mild burning. Rubber gloves and safety glasses recommended.	
Irritancy of Product	
Skin sensitization Prolonged contact may cause mild redness	Respiratory sensitization None
Carcinogenicity-IARC None	Carcinogenicity - ACGIH None
Reproductive toxicity None	Teratogenicity None
Embrototoxicity None	Mutagenicity None
Name of synergistic products/effects unknown	

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