

Safety Data Sheet

Canadian Crown Dealers Inc.
35 Magnum Dr.
Schomberg, ON
LOG 1T0
CANADA
1-800-267-5744/905-939-8750

Section 1: Chemical Product and Company Identification

GHS Product identifier: KL73
Other means of identification: KL73
Recommended use and restrictions: Lubricant and corrosion inhibitor
Supplier: Crown
Address: 35 Magnum Dr., Schomberg, ON, LOG 1T0
Telephone: +1(905)939-8750
24 hour emergency contact: CANUTEC - +1(613)996-6666 collect
Chemical family: Mixture

Section 2: Hazard Classification

Physical Hazard: None
Health Hazards: May cause irritation
Environmental Hazards: None

Label Elements:



Signal Word:

CAUTION

Hazard Statement:

Causes eye irritation. Causes mild skin irritation. Harmful if swallowed.

Precautionary Statements:

Prevention:

Wash thoroughly after using. Do not eat or drink when using this product.

Response:

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention. If Skin Irritation occurs: Get medical advice/attention. IF SWALLOWED: Call a POISON CENTER if you feel unwell. Rinse mouth.

Storage:

None

Disposal:

Dispose of contents/container in accordance with local/regional/national/international regulations.

Hazard(s) not otherwise classified (HNOC)

Section 3: Composition

Hazardous Ingredient	CAS#	wt %
Barium Sulfonate	515-72-0	10%

Section 4: First-Aid Measures

Inhalation: Remove affected persons to fresh air
Skin Contact: Flush affected area thoroughly with water. Seek medical attention if irritation persists
Eye Contact: Flush eyes with plenty of water for at least 15 minutes. Contact a physician immediately.
Ingestion: Rinse mouth with water. Drink large volumes of water. Do not induce vomiting.
Most important symptoms/effects, acute and delayed: Respiratory, eye, skin and digestive irritation if exposed to concentrate.
Indication of immediate medical attention and special treatment needed: Seek medical attention if ingested, inhaled or exposed to eyes.

Section 5: Fire Fighting Measures

Suitable Extinguishing Media: Dry chemical powder. Carbon dioxide. Foam, water spray or fog.
Unsuitable Extinguishing Media: None in particular.
Specific Hazards Arising from the Chemical: In case of fire, the following can be released: Carbon Oxides, Hydrocarbons, Aldehydes, Ketones.
Special Protective Equipment and Precautions for Firefighters: Firefighters must use standard protective equipment including flame retardant coat, helmet with water to prevent vapor pressure build up. Collect contaminated fire extinguishing water separately. This must not be discharged into drains. Remove undamaged containers from immediate hazard area if it is safe to do.
General Fire Hazards:

Section 6: Accidental Release Measures

Personal Precautions, Protective Equipment and Emergency Procedures: No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Avoid breathing vapor or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment (see Section 08).
Methods and Materials for Containment and Cleaning Up: Wash with plenty of water.
Environmental Precautions: Keep out of drains, sewers, ditches, and waterways. Minimize use of water to prevent environmental contamination.

Section 7: Handling and Storage

Precautions for Safe Handling: Avoid breathing vapours or mists. Do not eat or drink while working. See Section 08 for Protective Personal Equipments.
Conditions for Safe Storage Including Any Incompatibilities: Store away from Incompatibilities food stuffs.

Section 8: Exposure Controls/Personal Protection

Control Parameters	Regulation - Type of listing	Value
Occupational Exposure Limits		
Component		
N/A	N/A	N/A

Biological Limit Value N/A	N/A	N/A
Exposure Controls	Local exhaust ventilation required to maintain the point of use below the Threshold Limit Value if unprotected personnel are involved.	
Individual Protection Measures:		
Eye/Face Protection	Do not get in eyes. Wear safety glasses with side-shields.	
Skin Protection	Use gloves and protective clothing against cold temperature made from viton, butyl rubber, PVC, neoprene or nitrile.	
Respiratory Protection	Not normally required if good ventilation is maintained. NIOSH approved respirator recommended if vapours or mists are generated.	
Thermal Hazards	None known.	
General Hygiene Considerations	When using, do not eat, drink or smoke. Always observe good personal hygiene measures, such as washing after handling the material	

Section 9: Physical and Chemical Properties

Form	Liquid
Physical Appearance	Brown
Odor	None
Odor Threshold (ppm)	N/A
Specific Gravity	0.96
Vapour Density (Air=1)	1
pH	N/A
Boiling Point liquid (°C)	ND
Melting/Freezing Point (°C)	-20
Flash Point (°C), Method	N/A
Flashback	N/A
Evaporation Rate (n-Butyl Acetate = 1)	>1
VOC Content	N/A
Solubility in water	Insoluble
Auto Ignition Temperature (°C)	N/A
Lower Flammable Limit (% Vol)	N/A
Upper Flammable Limit (% Vol)	N/A
Coefficient of Water/Oil Distribution	N/A
Viscosity	100 Mpa-s

Section 10: Stability and reactivity

Reactivity	No hazardous reactions
Chemical Stability	Stable under the recommended storage and handling conditions.
Possibility of Hazardous Reactions	It may catch fire on contact with oxidizing mineral acids.
Conditions to Avoid	Strong acids and oxidizing materials.
Incompatible Materials	None
Hazardous Decomposition Products	Carbon Oxides. Fumes.

Section 11: Toxicological information

Ingredients	LC 50	LD50
Information on Likely Routes of Exposure:		
Routes of entry - Inhalation	Yes	
Routes of entry - Skin & Eye	Yes	
Routes of entry - Ingestion	No	
Routes of entry - Skin Absorption	No	
Symptoms Related to the Physical, Chemical and Toxicological Characteristics Acute Toxicity	Irritating to the eyes.	
Skin Corrosion/Irritation	Causes skin irritation.	
Serious Eye Damage/Eye Irritation	Causes serious eye irritation.	
Respiratory or Skin Sensitization	N/A.	
Germ Cell Mutagenicity	No data available to indicate product or any components present at greater than 0.1% are mutagenic.	
Carcinogenicity	This product is not considered to be a carcinogen by IARC, ACGIH, NTP, or OSHA.	
Reproductive Toxicity	Based on available data, the classification criteria are not met.	
Specific Target Organ Toxicity - Single Exposure	Based on available data, the classification criteria are not met.	
Specific Target Organ Toxicity - Repeated Exposure	Based on available data, the classification criteria are not met.	
Aspiration Hazard	Based on available data, the classification criteria are not met.	
Chronic Effects	No data	

Section 12: Ecological information

Ecotoxicity	N/A
Persistence and degradability	The product itself has not been tested.
Bioaccumulation Potential	The product itself has not been tested.
Mobility in Soil	The product itself has not been tested.
Other Adverse Effects	None known.

Section 13: Disposal Considerations

Appropriate Disposal Methods	Avoid release to the environment. Spilled material and water rinses are classified as chemical waste and must be disposed of in accordance with current local, provincial and federal regulations.
------------------------------	--

Section 14: Transport Information

TDG (Canada- Road)	N/A
DOT (US-Road)	N/A
IMDG (International- Marine)	N/A
IATA (International- Air)	N/A

4

Section 15: Regulatory information

Canada Regulations:	Unclassified
Canadian Environmental Protection Act (CEPA)	N/A
US Regulations	N/A

Section 16: Other information

Disclaimer

The information contained herein is based on data considered accurate. No warranty is expressed or implied regarding the accuracy of this data or the results obtained from the use thereof. The SDS provider assumes no responsibility for personal injury or property damage to vendees or users or third parties, caused by the material. Such vendees or users assume all risks with the use of the material. This product has been classified in accordance with the hazard criteria of the CPR and the SDS contains all the information required by the CPR. THIS SDS IS VALID FOR THREE YEARS.

Abbreviations

ACGIH: American Conference of Governmental Industrial Hygienists; CAS: Chemical Abstract Service; NIOSH: National Institute for Occupational Safety and Health, OSHA: Occupational Safety and Health Administration-USA; TSCA: Toxic Substances Control Act 1976-USA; PEL: Permissible Exposure Limit; REL: Recommended Exposure Limit; TLV: Threshold Limit Value; VOC: Volatile Organic Content; WHIMIS: Workplace Hazardous Materials Information System.

Prepared by
Preparation Date

S. Lee Tiwari, Senior Chemist
June 30, 2015