

Material Safety Data Sheet

WHMIS (Pictograms)	WHMIS (Classification)	Protective Clothing
	Not controlled under WHMIS (Canada).	

Section 1. Chemical Product and Company Identification

Product Name/ Trade Name	ANTI-SEIZE COMPOUND J166	Code	RL012C
Supplier	JAMES MORTON LIMITED 75 STATE STREET CAMBRIDGE ON N1R 5V5	CAS#	Not applicable.
Synonym	Not available.	DSL	On the DSL list.
Chemical Name	Not applicable.	CI#	Not applicable.
Chemical Family	(Reducing agent.)	Validation Date	12/30/1998
Chemical Formula	Not applicable.	Print Date	12/30/1998
Manufacturer	ROCOL LIMITED, WAKEFIELD ROAD, SWILLINGTON, LEEDS, LS26BBS, ENGLAND	In case of Emergency	CANUTEC 613-996-6666
Material Uses	Anti-seize		

Section 2. Composition and Information on Ingredients

Name	CAS #	% by Weight	Exposure Limits	LC ₅₀ /LD ₅₀
SEVERELY REFINED MINERAL OIL	8012-95-1	30-80%	Not available.	Not available.
COPPER	7440-50-8	10-30%	Not available.	Not available.
GRAPHITE			Not available.	Not available.
ORGANICALLY MODIFIED CLAY			Not available.	Not available.
MOLYBDENUM DISULPHIDE			Not available.	Not available.

Section 3. Hazards Identification

Potential Acute Health Effects	Repeated skin exposure can produce local skin destruction, or dermatitis.
Potential Chronic Health Effects	CARCINOGENIC EFFECTS: Not available. MUTAGENIC EFFECTS: Not available. TERATOGENIC EFFECTS: Not available. Toxicity of the product to the reproductive system: Not available. There is no known effect from chronic exposure to this product. Repeated or prolonged exposure is not known to aggravate medical condition.

Section 4. First Aid Measures

Eye Contact	In case of contact with eyes, rinse immediately with plenty of water.
Skin Contact	Wash gently and thoroughly the contaminated skin with running water and non-abrasive soap.
Hazardous Skin Contact	After contact with skin, wash immediately with plenty of water. If irritation persists, seek medical attention.
Inhalation	No specific data.
Hazardous Inhalation	No additional information.
Ingestion	DO NOT induce vomiting. Seek medical attention.
Hazardous Ingestion	No additional information.

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Section 5. Fire Fighting Measures

Products of Combustion	Not available.
Fire Fighting Media and Instructions	SMALL FIRE: Use DRY chemicals, CO2, water spray or foam. LARGE FIRE: Use water spray, fog or foam. DO NOT use water jet.
Special Remarks on Fire Hazards	When heated to decomposition it emits smoke and copper compounds.
Special Remarks on Explosion Hazards	No additional remark.

Section 6. Accidental Release Measures

Small Spill	Absorb with an inert material and put the spilled material in an appropriate waste disposal.
Large Spill	Absorb with an inert material and put the spilled material in an appropriate waste disposal.
Personal Protection in Case of a Large Spill	No special protection is required.

Section 7. Handling and Storage

Precautions	Keep at temperature 0 - 40 C
Incompatibility	Slightly reactive to reactive with oxidizing agents
Storage	Keep only in the original container at temperature 0 - 40 C

Section 8. Exposure Controls/Personal Protection

Engineering Controls	No special ventilation requirements.
Personal Protection	<p><i>Eyes</i> No special protective clothing is required.</p> <p><i>Body</i> No special protective clothing is required.</p> <p><i>Respiratory</i> No special protective clothing is required.</p> <p><i>Hands</i> No special protective clothing is required.</p> <p><i>Feet</i> No special protective clothing is required.</p>
Protective Clothing (Pictograms)	
Exposure Limits	LD50>20g/kg

Section 9. Physical and Chemical Properties

Physical State and Appearance	Liquid grease.	Odor	Odorless.
Molecular Weight	Not applicable.	Taste	Not available.
pH (1% soln/water)	Not applicable.	Color	Dark copper
Boiling/Condensation point	>150 C		
Melting/Freezing point	Non-melting		
Critical Temperature	Not available.		
Instability Temperature	Not available.		

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Specific Gravity	Not available.
Vapor Pressure	Not available.
Vapor Density	Not available.
Volatility	Not available.
Odor Threshold	Not available.
Viscosity	
LogK _{ow}	Not available.
Ioncity (In Water)	Not available.
Dispersion Properties	Not available.
Solubility	Insoluble in cold water.
The product is:	Non-flammable.
Auto-Ignition Temperature	>200°C (392°F)
Flash Points	CLOSED CUP: >200°C (392°F) (Pensky-Martens.)
Flammable Limits	Not available.
Evaporation rate	na
Fire Hazards in Presence of Various Substances	Non-flammable in presence of heat.
Explosion Hazards in Presence of Various Substances	Risks of explosion of the product in presence of mechanical impact: Not available. Risks of explosion of the product in presence of static discharge: Not available. Non-explosive in presence of heat.

Section 10: Stability and Reactivity

Stability	The product is stable.
Conditions of Instability	oxidizing agents
Incompatibility with various substances	Slightly reactive to reactive with oxidizing agents
Corrosivity	No specific information is available in our database regarding the corrosivity of this product in presence of various materials.
Hazardous Decomposition Products	na
Special Remarks on Reactivity	No additional remark.
Special Remarks on Corrosivity	No additional remark.

Section 11: Toxicological Information

Routes of Entry	Skin contact.
Toxicity to Animals	LD50: Not available. LC50: Not available.
Acute Effects on Humans	
	<i>Eyes</i> Mildly irritating to the eyes.
	<i>Skin</i> This product is a skin irritant.
	<i>Inhalation</i> Not available.
	<i>Ingestion</i> Not available.

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Chronic Effects on Humans CARCINOGENIC EFFECTS: Not available. MUTAGENIC EFFECTS: Not available. TERATOGENIC EFFECTS : Not available. Toxicity of the product to the reproductive system: Not available. There is no known effect from chronic exposure to this product. Repeated or prolonged exposure is not known to aggravate medical condition.

Special Remarks on Toxicity to Animals No additional remark.

Special Remarks on Chronic Effects on Humans No additional remark.

Special Remarks on Other Toxic Effects on Humans No additional remark.

Section 12. Ecological Information

Ecotoxicity Not available.

BODS and COD Not available.

Products of Biodegradation Not available.

Toxicity of the Products of Biodegradation Not available.

Special Remarks on the Products of Biodegradation No additional remark.

Section 13. Disposal Considerations

Waste information na

Waste stream na

Section 14. Transport Information

TDG Classification Not controlled under TDG (Canada).



PIN Not applicable (PIN and PG).

Maritime transportation na

Special Provisions for Transport Not applicable.

Section 15. Other Regulatory Information and Pictograms

WHMIS (Classification) Not controlled under WHMIS (Canada).



Regulatory Lists na

Other Regulations CANADIAN ENVIRONMENTAL PROTECTION ACT (CEPA): This product is on the Domestic Substances List (DSL), and is acceptable for use under the provisions of CEPA.

Other Classifications HCS (U.S.A.) Not controlled under the HCS (United States).

USA Regulatory Lists na

DSCL (EEC) Not controlled under DSCL (Europe).

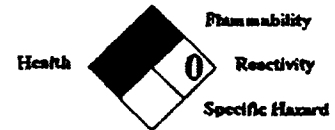
International Regulations Lists na

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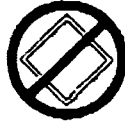
Hazardous Material Information System (U.S.A.)

Health	0
Flammability	0
Reactivity	0
Personal Protection	

National Fire Protection Association (U.S.A.)



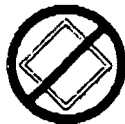
DOT (U.S.A) (Pictograms)



DSCL (Europe) (Pictograms)



ADR (Europe) (Pictograms)



Section 16. Other Information

References Not available.

Other Special Considerations No additional remark.

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Verified by W.D.ACKLAND.

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