

Material Safety Data Sheet

MSDS

Section 1 – CHEMICAL PRODUCT AND COMPANY INFORMATION	
Product Brand: Rislone®	Product Part #: 44110
Smits Group 59-65 Greenmount Drive P.O. Box 58011 Botany, Manukau 2163	Product Name: Engine Repair
	24-Hour Emergency (CHEMTREC): 1-800-424-9300
	Information: 0800 227 422 / www.smitsgroup.co.nz
	Date Prepared: 9/14/09

Section 2—COMPOSITION / INFORMATION ON INGREDIENTS					
Hazardous Components (Specific Chemical Identity, Common Name(s))	CAS NUMBER	OSHA PEL	ACGIH TLV	Other Limits	% (optional)
Zinc Alkyl Dithiophosphate	68649-42-3	5mg/m ³	5mg/m ³		<5%
Copolymer	Confidential	5mg/m ³	5mg/m ³		40.0-50.0
<i>All other components are considered to be non-hazardous as per OSHA 29 CFR 1910.1200.</i>					

Section 3—HAZARDS IDENTIFICATION						
Potential Health Effects:	EYE -	Irritation, redness, or blurred vision.				
	SKIN -	Slightly to moderately irritating to the skin.				
	INHALATION -	Vapours may irritate nose, throat, and respiratory tract.				
	INGESTION -	Nausea, vomiting, dizziness, headache, blurred vision.				
Acute Health Hazards:	Contact with the skin may cause transient dermal irritation or dryness.					
Chronic Health Hazards:	None expected at the industrial level.					
Medical Conditions	Not determined.					
Aggravated by Exposure:						
Target Organ Effects:	No data available.					
Carcinogenicity:	OSHA	No	IARC	No	NTP	No

Section 4—FIRST AID MEASURES	
Eye:	Flush with clear water for 15 minutes.
Skin Contact:	Wash thoroughly with mild soap and water. Contact a physician if irritation persists.
Inhalation:	Not considered to be an inhalation hazard. If breathing becomes difficult, remove to fresh air immediately. Seek medical attention.
Ingestion:	Have a laxative effect resulting in rapid elimination. Do not induce vomiting. Consultation with a physician is recommended.
Note To Physician:	Treat for clinical symptoms.

Section 5—FIRE FIGHTING MEASURES						
Flash Point (Method Used):	193 °C (380 °F) (ASTM D92)					
Flammable Limits	LEL (lower explosion limit):	N/A				
	UEL (upper explosion limit):	N/A				
Extinguishing Media:	Regular foam, dry chemical, or carbon dioxide.					
Special Fire Fighting Procedures:	Self contained breathing equipment and chemical resistant clothing recommended.					
Unusual Fire and Explosion Hazards:	Extreme heat may cause sealed containers to rupture. Cool fire-exposed containers with water.					
NFPA National Fire Protection Agency:	Health	1	Flammability	1	Reactivity	0
HMIS Hazardous Material Identification:	Health	1	Flammability	1	Reactivity	0 PPE B

Section 6—ACCIDENTAL RELEASE MEASURES	
Spill or Leak Procedures:	Dike or pillow area. Remove all sources of irrigation. Ventilate area if necessary. Absorb free liquid with earth, sand, clay or absorbent pads and place in non-leak containers for disposal. Flush area for trace residue and dispose of as below. Wear respiratory protection for large spill, leak or release. Use personal protective equipment as stated in Section 8. Do not flush to drain/storm sewer.

Section 7—HANDLING AND STORAGE			
Storage Temperature (MIN/MAX):	N/E	Shelf Life:	N/E
Handling/Storage Precautions:	Store in original container in area inaccessible to children and pets. Do not reuse container. Do not store sealed container near extreme heat. Do not store or mix with strong acids or oxidizers.		

Section 8—EXPOSURE CONTROLS/PERSONAL PROTECTION	
Engineering Controls:	Mechanical to maintain exposure below TLV(s).
Respiratory Protection:	Generally not needed.
Skin Protection:	Use chemical resistant gloves to avoid prolonged or repeated skin contact.
Eye Protection:	Use safety glasses with side shields.

Section 9—PHYSICAL / CHEMICAL PROPERTIES			
Physical State:	Liquid	Freezing Point:	N/D
Appearance:	Side 1 Red / Side 2 Light Amber	Melting Point:	N/A
Odor:	Mild petroleum odor	Boiling Point °F (°C):	>500 °F
Solubility in Water:	Nil	Evaporation Rate:	<<1
Specific Gravity (H2O = 1):	.8586@ 60°F	Vapour Density (AIR = 1):	N/A
pH:	N/A	Vapor Pressure (mm Hg):	N/D
Percent Volatiles (VOC):	0%		

Section 10—STABILITY AND REACTIVITY	
Chemical Stability:	Stable
Incompatibility:	Oxidizing materials.
Hazardous Decomposition Products:	Oxides of carbon, nitrogen and sulfur from combustion.
Hazardous Polymerization:	Will not occur.
Conditions to Avoid:	Contact with open flame or heat.

Section 11—TOXICOLOGICAL INFORMATION	
Long-term toxicological studies have not been conducted for this product.	

Section 12—ECOLOGICAL INFORMATION	
Ecotoxicological Information:	No data available
Environmental Fate:	No data available

Section 13—DISPOSAL CONSIDERATIONS	
Spilled material, unused contents and empty containers must be disposed of in accordance with local, state and federal regulations.	

Section 14—TRANSPORTATION INFORMATION	
U.S. Proper Shipping Name:	N/A
DOT (Domestic Surface) Hazard Class or Division:	N/A
IMO / IMDG (Ocean) Hazard Class Division Number:	N/A
ICAO / IATA (Air) Hazard Class Division Number:	N/A

Section 15—REGULATORY INFORMATION	
SARA Title III Section 302 Extremely Hazardous Substances:	None
SARA Title III Section 311/312 Hazard Categories:	N/A
SARA Title III Section 313 Toxic Chemicals:	Zinc Alkyl Dithiophosphate 0.36% As Zinc
OSHA Status:	Not regulated
TSCA Status:	Chemical components listed on TSCA inventory
CERCLA Reportable Quantity:	N/A

Section 16—OTHER INFORMATION			
N/A	Not Applicable	N/E	Not Established
N/D	Not Determined		

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