

# MATERIAL SAFETY DATA SHEET

Flammability	Reactivity
Health	Personal Protection

SECTION I - MATERIAL IDENTIFICATION AND USE			
<b>Material Name</b>	Dust Inhibitor (Oil Based)	<b>Supplier's Name</b>	
<b>Manufacturer</b>	Crown Chemical Products Inc.	<b>Supplier's Address</b>	
<b>Street Address</b>	6125 Netherhart Road Mississauga, Ontario. L5T 1G5		
<b>Emergency Tel.</b>	(905) 564-0904		
<b>Chemical Name</b>	Petroleum Hydro Carbon	<b>Chemical Family</b>	Petroleum Hydrocarbons
<b>Molecular Weight</b>	N/AP	<b>Material Use</b>	

SECTION II - HAZARDOUS INGREDIENTS OF MATERIAL				
Hazardous Ingredients	Approximate Concentration %	C.A.S. N.A. or U.N. Numbers	Exposure Limits	LD <sub>50</sub> /LC <sub>50</sub> Specify Species and Route
Hydro Treated Paraffinic Oil	60 - 100	64742 - 46 - 7	ACGIH TLV 5MG/M <sup>3</sup> 8H	LD <sub>50</sub> (Oral Rat) 5000Mg/Kg

SECTION III - PHYSICAL DATA FOR MATERIAL			
<b>Physical State</b>	Liquid	<b>Odour and Appearance</b>	Blue Liquid with Negligible Odour
<b>Specific Gravity</b>	0.88	<b>Evaporation Rate</b>	<1
<b>Freezing Point (°C)</b>	N/AV	<b>Solubility in Water (20°C)</b>	Insoluble
<b>pH</b>	N/AP	<b>Density (g/ml)</b>	0.88
		<b>Coefficient of Water/Oil Distribution</b>	N/AV
		<b>Boiling Point (°C)</b>	>306
		<b>% Volatile (by volume)</b>	N/AV

SECTION IV - FIRE AND EXPLOSION HAZARD OF MATERIAL			
<b>Flammability (If yes, under which conditions:)</b> Yes. Under Fire Conditions.			
<b>Means of Extinction</b> Dry Chemicals, Foam or Fog Nozzle Water Spray. Use water spray to cool fire exposed surfaces and to protect personnel.			
<b>Special Procedures</b> Respirators required for fire fighters. If possible to do so safely shut off fuel at source.			
<b>Flashpoint (°C) and Method</b>	>170 TCC	<b>UEL (% By Vol.)</b>	N/AV
<b>Auto Ignition Temp. (°C)</b>	>235	<b>LEL (% By Vol.)</b>	N/AV
<b>Hazardous Combustion Products</b>	N/AV	<b>TDG Flammability Classification</b>	N/AV
<b>Explosion Data - Sensitivity to Chemical Impact</b>	N/AV	<b>Rate of Burning</b>	N/AV
<b>Explosive Power</b>	N/AV	<b>Sensitivity to Static Discharge</b>	N/AV

SECTION V - REACTIVITY DATA	
<b>Chemical Stability</b>	Yes.
<b>Incompatibility to Other Substances</b>	Yes. Strong Oxidizing Agents, Chlorine, Peroxides, Strong Acids.
<b>Reactivity and Under What Conditions?</b>	(Avoid heat & flame) Forms Oil Mist
<b>Hazardous Decomposition Products</b>	Carbon Dioxide and other petroleum decomposition products.

# MATERIAL SAFETY DATA SHEET

**Material Name** Dust Inhibitor (Oil Based)

## SECTION VI - TOXICOLOGICAL PROPERTIES OF PRODUCT

**Route Of Entry**  Skin Contact  Skin Absorptior  Eye Contact  Inhalation Acute  Inhalation Chronic  Ingestion

**Effects Of Acute** Irritation to skin and eyes and lungs; Could cause dermatitis. Ingestion may cause narcosis.

**Exposure To Product**

**Effects Of Chronic** See above, inhalation N/AV

**Exposure To Product**

**Irritancy Of Product** N/AV

**Exposure Limits Of Product** N/AV

**Sensitization To Product** N/AV

**Synergistic Materials** N/AV

Carcinogenicity  Reproductive Effects  Teratogenicity  Mutagenicity

## SECTION VII - PREVENTIVE MEASURES

**Personal Protective Equipment** Use 2 NIOSH approved respirator for mist formation.

**Gloves** Neoprene

**Respiratory**

**Eye** Goggles

**Footwear** No Special

**Clothing** No Special

**Other** No Special Requirements

**Engineering Controls** Adequate ventilation should be provided.

**Leak And Spill Procedure** Contain spills immediately with inert materials (e.g. Sand, Earth) recover suing a pump. Scoop up used absorbent into drums.

**Waste Disposal** Dispose in accordance with local, provincial, and federal by-laws.

**Handling Procedures And Equipment** Avoid frequent or prolonged contact.

**Storage Requirements** Keep container closed. Do not store near open flame; store in cool and well ventilated area.

**Special Shipping Information**

## SECTION VIII - FIRST AID MEASURES

**Skin** Wash with soap and water.

**Eye** Flush with water for at least 15 minutes, seek medical attention of irritation persists.

**Inhalation** Remove immediately from contaminated area. apply artificial respiration of breathing has stopped or is laboured. Call a physician.

**Ingestion** Due to the possibility of aspiration into the lungs, do not induce vomiting, keep at rest and call a physician.

**General Advise**

## SECTION IX - PREPARATION DATE OF M.S.D.S.

**Additional Information/Comments** The information herein is given in good faith but no warranty, expressed or implied, is made.

**Sources Used**

**Prepared By:** Crown Chemical Products Inc. **Phone Number** (905) 564-0904 **Date** January 18, 2006