



<b>Other</b>	On rare occasions, prolonged and repeated exposure to oil mist poses a risk of pulmonary disease such as chronic lung inflammation. This condition is usually asymptomatic as a result of repeated small aspirations.
<b>Chronic Effects</b>	Prolonged exposure may cause chronic effects.
<b>Aggravated Medical Conditions</b>	Personnel with pre-existing skin disorders should avoid contact with this product.
<b>Environmental Hazard</b>	See Section 12 for additional Ecological Information.

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

Formula Mixture

Chemical Name	CAS-No	Weight %
Petroleum Distillates, Hydrotreated Heavy Paraffinic	64742-65-0	50
Petroleum Distillates, Solvent Dewaxed heavy Paraffinic	64742-54-7	29
Petroleum Distillates, Hydrotreated Light	64742-47-8	20
Dye	84-65-1	<1

### 4. FIRST AID MEASURES

<b>Eye Contact</b>	Flush with large amounts of water for 15 minutes. Get medical attention if eye irritation develops or persists.
<b>Skin Contact</b>	Wash off immediately with soap and plenty of water for at least 15 minutes while removing all contaminated clothing and shoes. Get medical attention immediately if skin discoloration occurs.
<b>Inhalation</b>	This material is not expected to present an inhalation exposure at ambient conditions
<b>Ingestion</b>	Do not induce vomiting. Get immediate medical attention or advice.
<b>Notes to Physician</b>	Treat symptomatically.

### 5. FIRE-FIGHTING MEASURES

<b>Flammable Properties</b>	Not flammable.
<b>Flash Point</b>	168°F
<b>Suitable Extinguishing Media</b>	Water Fog. Carbon dioxide (CO <sub>2</sub> ). Foam. Dry chemical.
<b>Unsuitable Extinguishing Media</b>	Not Available
<b>Hazardous Combustion Products</b>	Not Available
<b>Explosion Data</b>	
<b>Sensitivity to Mechanical Impact</b>	Not sensitive.
<b>Sensitivity to Static Discharge</b>	Not sensitive.
<b>Protective Equipment and Precautions for Firefighters</b>	Wear positive pressure self-contained breathing apparatus (SCBA). Use water to cool containers exposed to flames. Structural firefighters' protective clothing will only provide limited protection. Mist or sprays may be flammable below the product normal flash point.

**NFPA** Health Hazard 0 Flammability 1 Stability 0 Physical and Chemical Hazards -

**6. ACCIDENTAL RELEASE MEASURES**

**Personal Precautions** Use personal protective equipment. Avoid contact with skin, eyes, and clothing. Ensure adequate ventilation. If spilled, take caution, as material can cause surfaces to become very slippery.

**Methods for Containment** Dike far ahead of liquid spill for later disposal.

**Methods for Cleaning Up** Pick up free liquid for recycle and/or disposal. Residual liquid and/or solid can be absorbed on inert material.

**Evacuation Procedures**  
**Large Spill** Consider initial downwind evacuate for at least 300 meters (1000 feet).  
**Fire** If tank, rail car or tank car is involved in a fire, isolate for 800 meters (1/2 mile) in all directions; also consider initial evacuation for 800 meters (1/2 mile) in all directions.

**Reporting Requirements** Spills that enter a water body must be reported immediately to the USEPA's National Response Center at (800)424-8802. Check with your local and state regulators regarding their reporting requirements.

**7. HANDLING AND STORAGE**

**Handling** Wash thoroughly after handling. Keep container tightly closed.

**Storage** Store away from heat, sparks, open flame, or strong oxidizing agents in closed and properly labeled containers. Empty containers retain product residue (liquid, and/or vapor) and can be dangerous

**8. EXPOSURE CONTROLS / PERSONAL PROTECTION**

**Exposure Guidelines**

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Petroleum Distillates, Hydrotreated Heavy Paraffinic 64742-65-0	5 mg/m3 8 hour(s). Form: Mist	5 mg/m3 8 hour(s). Form: Mist	2,500 mg/m3
Petroleum Distillates, Solvent Dewaxed heavy Paraffinic 64742-54-7	5 mg/m3 8 hour(s). Form: Mist	5 mg/m3 8 hour(s). Form: Mist	2,500 mg/m3
Petroleum Distillates, Hydrotreated Light 64742-47-8	5 mg/m3 8 hour(s). Form: Mist	5 mg/m3 8 hour(s). Form: Mist	2,500 mg/m3

**Engineering Measures** Additional area ventilation or local exhaust may be required to maintain air concentrations below recommended limits.

**Personal Protective Equipment**

**Eye/Face Protection** Safety glasses with side-shields. If splashes are likely to occur, wear goggles. Full face-shield to be worn during emergencies.

**Skin and Body Protection** As needed to prevent repeated skin contact. Solvent resistant gloves should be used if needed.

**Respiratory Protection** Not normally needed. During emergencies wear respirator.

**Hygiene Measures** Remove and wash contaminated clothing before re-use. Wash hands before breaks and immediately after handling the product.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance</b>	Blue	<b>Odor</b>	Mild Petroleum Oder
<b>Physical State</b>	Liquid	<b>pH</b>	N/A
<b>Flash Point</b>	168°F	<b>Autoignition Temperature</b>	N/A
<b>Boiling Point/Range</b>	N/A	<b>Freezing Point</b>	-30°F
<b>Explosion Limits</b>	N/A	<b>Flammability Limits in Air</b>	N/A
<b>Specific Gravity</b>	0.86	<b>Solubility</b>	Negligible
<b>Evaporation Rate</b>	N/A	<b>Vapor Pressure</b>	<0.01
<b>Vapor Density</b>	Not Determined	<b>Density</b>	N/A

## 10. STABILITY AND REACTIVITY

<b>Stability</b>	Stable under recommended storage conditions.
<b>Incompatible Products</b>	Open Flame and strong oxidizing agents.
<b>Conditions to Avoid</b>	Heat, flames, and sparks.
<b>Hazardous Decomposition Products</b>	Decomposition and combustion products may include smoke, carbon dioxide, carbon monoxide, and toxic fumes.
<b>Hazardous Polymerization</b>	None under normal processing.

## 11. TOXICOLOGICAL INFORMATION

### Acute Toxicity

<b>Product Information</b>	Test on similar materials show a low order of acute oral and dermal toxicity.
<b>Acute Oral Effects</b>	Test on similar materials indicates low order of acute toxicity.
<b>Acute Inhalation Effects</b>	Low acute toxicity expected on inhalation.
<b>Skin Effects</b>	Practically non-toxic if absorbed. Other similar highly refined products have not shown skin tumors in mouse skin painting studies.
<b>Eye Irritation</b>	Minimal irritation on contact. Eye irritation slightly or practically non-irritating base on similar products.

### Component Information

Chemical Name	LD50 Oral	LD50 Dermal	LC50 Inhalation
Petroleum Distillates, Hydrotreated Heavy Paraffinic 64742-65-0	Rat >2000 mg/kg	Rabbit >2000 mg/kg	Rat > 2.18 mg/L 4 hours
Petroleum Distillates, Solvent Dewaxed heavy Paraffinic 64742-54-7	Rat >2000 mg/kg	Rabbit >2000 mg/kg	Rat > 2.18 mg/L 4 hours
Petroleum Distillates, Hydrotreated Light 64742-47-8	Rat >5000 mg/kg	Rabbit > 2000 mg/kg	Rat > 5.2 mg/L

**Chronic Toxicity**

<b>Chronic Toxicity</b>	Prolonged exposure may cause chronic effects.
<b>Carcinogenicity</b>	Not considered a potential carcinogen base on IP346 DMSO of less than 3.0 wt%
<b>Target Organ Effects</b>	Respiratory system, Eyes, Skin, Central nervous system (CNS)
<b>Genotoxicity</b>	This product is considered non-mutagenic and has negative potential for tumor development based on from Modified Ames Assay, with Mutagenic Index of less than 1.0.

**12. ECOLOGICAL INFORMATION**

<b>Ecotoxicity</b>	If applied to leaves, this product may kill grasses and small plants by interfering with transpiration and respiration. This product is not toxic to fish but may coat gill structures resulting in suffocation if spilled in shallow, running water. Product may be moderately toxic to amphibians by preventing dermal respiration. This product may cause gastrointestinal distress to birds and mammals through ingestion during pelage grooming.
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**13. DISPOSAL CONSIDERATIONS**

<b>Waste Disposal Method</b>	Dispose of in accordance with local regulations. Keep this product out of sewers and waterways.
<b>Contaminated Packaging</b>	Dispose of in accordance with local regulations.

Chemical Name	RCRA – Halogenated Organic Compounds	RCRA – P Series Wastes	RCRA – F Series Wastes	RCRA – K Series Wastes
	Does not meet hazardous waste criteria			

**14. TRANSPORT INFORMATION**

<b>DOT</b>	Not regulated
<b>IATA</b>	Not regulated
<b>IMDG/IMO</b>	Not regulated

**15. REGULATORY INFORMATION****International Inventories**

	TSCA	DSL	EINECS/ELINCS	ENCS	IECSC	KECL	PICCS	AICS
Petroleum Distillates, Hydrotreated Heavy Paraffinic 64742-65-0	Present	X	265-169-7	X	X	X	X	X
Petroleum Distillates, Solvent Dewaxed heavy Paraffinic 64742-54-7	Present	X	265-157-1	X	X	X	X	X
Petroleum Distillates, Hydrotreated Light 64742-47-8	Present	X	265-149-8	X	X	X	X	X

**U.S. Federal Regulations****SARA 313**

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.

**SARA 311/312 Hazard Categories**

<b>Acute Health Hazard</b>	No
<b>Chronic Health Hazard</b>	No
<b>Fire Hazard</b>	No
<b>Sudden Release of Pressure Hazard</b>	No
<b>Reactive Hazard</b>	No

**Clean Water Act**

If spilled into navigable waters it is reportable to National Response Center, 800-424-8802. Reportable Quantity = Oil Sheen present on navigable water surface. (40 CFR 116; 401.15)

**Clean Air Act, Section 112 Hazardous Air Pollutants (HAPs) (see 40 CFR 61)**

This product does not contain any substances regulated as hazardous air pollutants (HAPS) under Section 112 of the Clean Air Act Amendments of 1990.

**CERCLA****U.S. State Regulations****California Proposition 65**

This product does not contain any Proposition 65 chemicals.

**Florida**

No listed ingredients are present

**Massachusetts RTK**

No listed ingredients are present

**Minnesota RTK**

No listed ingredients are present

**New Jersey RTK**

Lists petroleum oil, but this product does not contain hazardous ingredients.

**Pennsylvania RTK**

Lists petroleum oil, but this product does not contain hazardous ingredients greater than 3%.

**Illinois DOL TSL**

No listed ingredients are present

**International Regulations****Mexico – Grade**

No information available.

**Canada**

Not listed on the Canadian Controlled Product Ingredient Disclosure and is compliant with Controlled Products Regulation

**CONEG Metals**

Since cadmium, chromium, lead and mercury are not detectable and it does not exceed 100 ppm total in this product, it is compliant with CONEG Metals regulation.

**EEC (Europe)**

This product is not known to be a dangerous good internationally.

R-Phrases

R45: May Cause Cancer

S-Phrases

S45 : In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).

S53 : Avoid exposure - obtain special instructions before use

Hazard Label

None

Danger Symbol

None

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This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all the information required by the CPR.

**WHMIS Hazard Class**

D2B Toxic materials

<b>16. OTHER INFORMATION</b>
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<b>Prepared By</b>	Juan Parker
<b>Issuing Date</b>	30-July -2010
<b>Revision Date</b>	01-Jun-2014
<b>Revision Note</b>	Not applicable

**Disclaimer**

The information provided on this MSDS is correct to the best of our knowledge, information, and belief at the date of its publication. The information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal, and release and is not to be considered as a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any process, unless specified in the text.

End of MSDS