



# MATERIAL SAFETY DATA SHEET

According to EC Regulation 830/2015

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Revised edition no.2  
Date 07/01/16  
EN

OIL FOR AIR FILTER

WAFLU250



## 1. IDENTIFICATION ON THE SUBSTANCE / PREPARATION AND OF THE COMPANY / UNDERTAKING

**Identification of the product:** Oily liquid.  
**Trade name:** OIL KIT FOR AIR FILTER.  
**Type of product:** Mineral oil.  
**Use:** Industrial.  
**Company identification:** BMC Air Filter

Via Roslè, 115. 40059 Medicina (BO) ITALY

**Name and function of the responsible person:** Michele Vitale - Quality Control Dept - michele.vitale@bmcairfilters.com  
**Emergency phone nr:** 00390516971511  
**USA emergency phone nr:** CHEMTREC: +1-800-262-8200

## 2. HAZARDS IDENTIFICATION

**OSHA regulatory status:** Not classified.  
**Adverse human health effects:** There are potential chronic health effects to consider.  
**NFPA Hazard Ratings (USA):**  
Health: 0 - No unusual hazard.  
Flammability: 0 - Not combustible.  
Reactivity: 0 - Stable : Not reactive when mixed with water.  
Special Notice Key: -- - ---

### Carcinogenicity classification

- **Occupational Safety & Health Administration (OSHA):** Not classified.
- **International Agency for Research on Cancer (IARC):** Not classified.
- **National Toxicology Program (NTP) Symptoms relating to use:** Not classified.
- **Inhalation:** Overexposure to vapors may result in headache, nausea.
- **Skin contact:** Prolonged or repeated skin contact with the material may remove natural oils. Prolonged or repeated contact may cause skin to become dry or cracked.
- **Eye contact:** Direct contact with the eyes is likely irritating. Redness. Blurred vision.



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**- Ingestion:** Bad taste. Nausea. Abdominal pain. Must not come into contact with food or be consumed.

**Note:** NFPA ratings involve data and interpretations that may vary from company to company. They are intended only for rapid, general identification of the magnitude of the specific hazard. To deal adequately with the safe handling of this material, all the information contained in this MSDS must be considered.

### 3. COMPOSITION / INFORMATION ON INGREDIENTS

Substance name	Contents	CAS No	EC No	Annex No	Classification
Base oil: distillates solvent-dewaxed heavy paraffinic	> 99 %	64742-65-0	265-169-7	649-474-00-6	Contains DMSO < 3% (Note L applicable)

### 4. FIRST AID MEASURES

#### First aid measures

- Inhalation:** Assure fresh air breathing.
- Skin contact:** Remove affected clothing and wash all exposed skin area with mild soap and water, followed by warm water rinse.
- Eye contact:** Rinse immediately with plenty of water. Obtain medical attention if pain, blinking or redness persist.
- Ingestion:** Rinse mouth. Do not induce vomiting. Seek medical advice.

### 5. FIRE-FIGHTING MEASURES

- Hazardous combustion products:** Carbon monoxide and carbon dioxide
- Prevention:** No naked lights. No smoking.
- Extinguishing media**
- Suitable extinguishing media:** Oxygen.  
Dry chemical.  
Water fog.
- Unsuitable extinguishing media:** Do not use a heavy water stream.
- Surrounding fires:** Use water spray or fog for cooling exposed containers.
- Specific hazards:** When exposed to heat, may decompose liberating hazardous gases.



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**Special procedures:**

Exercise caution when fighting any chemical fire. Avoid (reject) fire-fighting water to enter environment.

**Special protective equipment for fire fighters:** Do not enter fire area without proper protective equipment, including respiratory protection.

## 6. ACCIDENTAL RELEASE MEASURES

**Personal precautions:**

Spill should be handled by trained cleaning personnel properly equipped with respiratory and eye protection. Spill area may be slippery.

**Environmental precautions:**

Prevent entry to sewers and public waters. Notify authorities if product enters sewers or public waters.

**Clean up methods:**

Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. Dilute residues and flush. Recover the cleaning water for later disposal. On water, recover/skim from surface and pour out in disposal container.

## 7. HANDLING AND STORAGE

**General:**

Ventilate confined spaces before entering.

**Precautions in handling and storage:** Avoid all unnecessary exposure.

**Storage:**

Keep storage temperature below 60°C Store in tightly closed, properly ventilated containers away from heat, sparks, open flame. Keep container closed when not in use.

**Handling:**

Handle in accordance with good industrial hygiene and safety procedures. Ensure prompt removal from eyes, skin and clothing. Wash hands and other exposed areas with mild soap and water before eat, drink or smoke and when leaving work.

## 8. EXPOSURE CONTROLS /PERSONAL PROTECTION

**Personal protection**

- **Respiratory protection:** No special respiratory protection equipment is recommended under normal conditions of use with adequate ventilation.

- **Hand protection:** In case of repeated or prolonged contact wear gloves.

- **Skin protection:**

No special clothing/skin protection equipment is recommended under normal conditions of use.



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- **Eye protection:** Eye protection should only be necessary where liquid could be splashed or sprayed.
- **Ingestion:** When using, do not eat, drink or smoke.
- **Industrial hygiene:** Provide good ventilation in process area to prevent formation of vapor.

### 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Physical state at 20 °C:</b>	Liquid.
<b>Color:</b>	Reddish brown.
<b>Odor:</b>	Barely perceptible.
<b>Boiling point [°C]:</b>	> 320
<b>Vapor pressure [20°C]:</b>	< 0.1 Kpa
<b>Relative density, liquid (water=1):</b>	0.874 (15°C)
<b>Viscosity:</b>	45.8 cSt
<b>Solubility in water:</b>	Insoluble.
<b>Flash point [°C]:</b>	> 200

### 10. STABILITY AND REACTIVITY

**Hazardous decomposition products:** When heated to decomposition, emits dangerous fumes.

**Hazardous reactions:** None under normal conditions.

**Materials to avoid:** Strong oxidizers.

**Conditions to avoid:** Open flame. Overheating.



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## 11. TOXICOLOGICAL INFORMATION

Rabbit dermal LD50 [mg/kg]: No data available.

## 12. ECOLOGICAL INFORMATION

48 Hour-EC50 - *Daphnia magna* [mg/l]: No data available.  
CERCLA (US): RQ (Reportable quantity, section 304 of EPA's List of Lists): Not listed

## 13. DISPOSAL CONSIDERATION

**General:** Avoid release to the environment. Dispose of this material and its container at hazardous or special waste collection point. Dispose in a safe manner in accordance with local/national regulations.

## 14. TRANSPORT INFORMATION

**General information:** Not classified.

## 15. REGULATORY INFORMATION

**USA:** This document has been prepared in accordance with the MSDS requirements of the OSHA Hazard Communication Standard 29 CFR 1910.1200.

**OSHA hazardous chemical(s):** Not classified.

**Carcinogenicity classification: SARA Title III** International Agency for Research on Cancer (IARC): Not classified.

- **Section 302 - Extremely Hazardous:** RQ (Reportable quantity - List of Lists): Not classified.

### Substances (EHS)

- **Section 311/312 - Hazards under:** Not classified.

### EPA's hazard categories

- **Section 313 - Toxic Chemicals:** Chemical(s) subject to the reporting requirements of Section 313 or Title III of the Superfund Amendments and Reauthorization Act (SARA) of 1986 and 40 CFR



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Part 372. Not classified.

**US Toxic Substances Control Act - TSCA:**

The components of this product are listed on the TSCA inventory or otherwise comply with TSCA pre-manufacture notification requirements.

**CERCLA information:**

RQ (Reportable quantity - List of Lists) : Not classified.

**California proposition 65:**

Substances listed : Not classified.

**Symbol(s):**

None.

**R Phrase(s):**

None.

**S Phrase(s):**

None.

## 16. OTHER INFORMATION

**Further information:**

None.

This document has been prepared in accordance with the MSDS requirements of the national codes of practice declared by NOHCS under s.38(1) of the National Occupational Health and Safety Commission Act 1985 (Cwlth).

**DISCLAIMER OF LIABILITY** The information in this MSDS was obtained from sources which we believe are reliable. However, the information is provided without any warranty, express or implied, regarding its correctness. The conditions or methods of handling, storage, use or disposal of the product are beyond our control and may be beyond our knowledge. For this and other reasons, we do not assume responsibility and expressly disclaim liability for loss, damage or expense arising out of or in any way connected with the handling, storage, use or disposal of the product. This MSDS was prepared and is to be used only for this product. If the product is used as a component in another product, this MSDS information may not be applicable.



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## SECTION 1 IDENTIFICATION OF THE SUBSTANCE / MIXTURE AND OF THE COMPANY / UNDERTAKING

### Product Identifier

<b>Product Name</b>	OIL KIT FOR AIR FILTER
<b>Identification of the product</b>	Oily liquid
<b>Chemical Name</b>	Paraffinic distillate, heavy, solvent-dewaxed
<b>Type of product</b>	Mineral Oil
<b>Synonyms</b>	Not Available

### Relevant identified uses of the substance or mixture and uses advised against

<b>Relevant Identified uses</b>	Industrial
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### Details of the supplier of the safety data sheet

<b>Company Name</b>	BMC Air Filter
<b>Contact of the responsible person</b>	Michele Vitale – Quality Control Dept – michele.vitale@bmcairfilters.com
<b>Telephone</b>	0039 0516971511
<b>Fax</b>	0039 051852659
<b>Website</b>	www.bmcairfilter.com

### Emergency telephone number

<b>Organization</b>	CHEMTREC
<b>Telephone</b>	+1-800-262-8200
<b>Other emergency number</b>	0039 0516971511

## SECTION 2 HAZARDS IDENTIFICATION

### Classification of the substance or mixture

#### HAZARD RATINGS

<b>Flammability</b>	1
<b>Toxicity</b>	0
<b>Body Contact</b>	0
<b>Reactivity</b>	0
<b>Chronic</b>	0



<b>GHS Classification</b>	Not Applicable
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### Label elements

<b>GHS label elements</b>	Not Applicable
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**Hazard statements** | Not Applicable

**Precautionary statements** | Not Applicable

## **SECTION 3 COMPOSITION / INFORMATION ON INGREDIENTS**

Substances N.A.

### **Mixtures**

Name	% (weight)	CAS No	EC No	Annex No	Classification
Base oil: distillates solvent-dewaxed heavy paraffinic	<99	64742-65-0	265-169-7	649-474-00-6	-

## **SECTION 4 FIRST AID MEASURES**

### **Description of first aid measures**

<b>Eye contact</b>	Wash out immediately with water. If irritation continues, seek medical attention. Removal of contact lenses after an eye injury should only be undertaken by skilled personnel.
<b>Skin contact</b>	Flush skin and hair with running water (and soap if available). Seek medical attention in event of irritation.
<b>Inhalation</b>	If fumes, aerosols or combustion products are inhaled remove from contaminated area. Other measures are usually unnecessary.
<b>Ingestion</b>	Immediately give a glass of water. First aid is not generally required. If in doubt, contact a Poisons Information Centre or a doctor.

### **Indication of any immediate medical attention and special treatment needed**

Treat symptomatically

## **SECTION 5 FIREFIGHTING MEASURES**

### **Extinguishing media**

Foam.  
Dry chemical powder

### **Special hazards arising from the substrate or mixture**

**Fire Incompatibility** | None known

### **Advice for firefighters**

<b>Fire Fighting</b>	Alert Fire Brigade and tell them location and nature of hazard. Wear full body protective clothing with breathing apparatus.
<b>Fire/Explosion Hazard</b>	Combustible. Slight fire hazard when exposed to heat or flame.

## **SECTION 6 ACCIDENTAL RELEASE MEASURES**

BMC Air Filter

Via Roslè, 115 40059 Medicina (BO) ITALY



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## Personal precautions, protective equipment and emergency procedures

<b>Minor Spills</b>	Remove all ignition sources. Clean up all spills immediately.
<b>Major Spills</b>	Clear area of personnel and move upwind.

## SECTION 7 HANDLING AND STORAGE

### Precautions for safe handling

<b>Safe handling</b>	Avoid all personal contact, including inhalation. Wear protective clothing when risk of exposure occurs..
<b>Other information</b>	Store in original containers. Keep containers securely sealed.

### Conditions for safe storage, including any incompatibilities

<b>Suitable container</b>	Metal can or drum Packaging as recommended by manufacturer. Check all containers are clearly labelled and free from leaks.
<b>Storage incompatibility</b>	Avoid contamination of water, foodstuffs, feed or seed.

## SECTION 8 EXPOSURE CONTROLS / PERSONAL PROTECTION

### Control parameters

#### OCCUPATIONAL EXPOSURE LIMITS (OEL)

Source	Ingredient	Material name	TWA	STEL	Notes
US OSHA Permissible Exposure Levels (PELs) – Table Z1	Paraffinic distillate, heavy, solvent-dewaxed	Oil mist, mineral	5 mg/m <sup>3</sup>	Not Available	Not Available
US ACGIH Threshold Limit Values (TLV)	Paraffinic distillate, heavy, solvent-dewaxed	Mineral oil, excluding metal working fluids Pure, highly and severely refined / Mineral oil, excluding metal working fluids – Poorly and midly refined	5 mg/m <sup>3</sup>	Not Available	Not Available
US NIOSH Recommended Exposure Limits (RELs)	Paraffinic distillate, heavy, solvent-dewaxed	Heavy mineral oil mist, Paraffino il mist, white mineral il mist	5 mg/m <sup>3</sup>	Not Available	Not Available

#### EMERGENCY LIMITS

Ingredient	Material Name	TEEL – 1	TEEL - 2	TEEL - 3
Paraffinic distillate, heavy, solvent-dewaxed	Pump oil	15 mg/m <sup>3</sup>	170 mg/m <sup>3</sup>	990 mg/m <sup>3</sup>



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## Exposure Controls

<b>Appropriate engineering controls</b>	Engineering controls are used to remove a hazard or place a barrier between the worker and the hazard. Well-designed engineering controls can be highly effective in protecting workers and will typically be independent of worker interactions to provide this high level of protection.
<b>Eye and face protection</b>	Safety glasses with side shields Chemical goggles. Contact lenses may pose a special hazard; soft contact lenses may absorb and concentrate irritants.
<b>Skin protection</b>	See hand protection below
<b>Hand protection</b>	Wear general protective gloves, eg. light weight rubber gloves.
	The selection of suitable gloves does not only depend on the material, but also on further marks of quality which vary from manufacturer to manufacturer.
<b>Thermal hazards</b>	Not Available

## SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

<b>Physical state</b>	Liquid	<b>Relative density (water=1)</b>	0.874 (15°C)
<b>Colour</b>	Reddish brown	<b>Partition coefficient n-octanol / water</b>	N.A.
<b>Odour</b>	Barely perceptible	<b>Auto-ignition temperature (°C)</b>	N.A.
<b>Odour threshold</b>	N.A.	<b>Decomposition Temperature</b>	N.A.
<b>pH</b>	N.A.	<b>Viscosity (cSt)</b>	45.8
<b>Melting point / Freezing point (°C)</b>	N.A.	<b>Flash point</b>	> 200 °C
<b>Boiling point</b>	> 320 °C	<b>Explosive properties</b>	N.A.
<b>Evaporation rate</b>	N.A.	<b>Oxidising properties</b>	N.A.
<b>Flammability</b>	N.A.	<b>Lower Explosive Limit</b>	N.A.
<b>Upper Explosive Limit</b>	N.A.	<b>Vapour pressure (20°C)</b>	< 0.1 Kpa
<b>Volatile component</b>	N.A.	<b>Vapour densit (Air=1)</b>	N.A.
<b>Solubility</b>	Insoluble	<b>VOC g/l</b>	N.A.

## SECTION 10 STABILITY AND REACTIVITY

<b>Reactivity</b>	See section 7
<b>Chemical stability</b>	Product is considered stable and hazardous polymerisation will not occur.
<b>Possibility of Hazardous reactions</b>	See section 7
<b>Conditions to avoid</b>	See section 7
<b>Incompatible materials</b>	See section 7
<b>Hazardous decomposition products</b>	See section 5

## SECTION 11 TOXICOLOGICAL INFORMATION



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<b>Inhaled</b>	The material is not thought to produce adverse health effects or irritation of the respiratory tract (as classified by EC Directives using animal models). Nevertheless, good hygiene practice requires that exposure be kept to a minimum and that suitable control measures be used in an occupational setting.
<b>Ingestion</b>	The material has not been classified by EC Directives or other classification systems as "harmful by ingestion". This is because of the lack of corroborating animal or human evidence.
<b>Skin Contact</b>	The liquid may be miscible with fats or oils and may degrease the skin, producing a skin reaction described as non-allergic contact dermatitis. The material is unlikely to produce an irritant dermatitis as described in EC Directives .
<b>Eye</b>	Although the liquid is not thought to be an irritant (as classified by EC Directives), direct contact with the eye may produce transient discomfort characterised by tearing or conjunctival redness (as with windburn).
<b>Chronic</b>	Long-term exposure to the product is not thought to produce chronic effects adverse to health (as classified by EC Directives using animal models); nevertheless exposure by all routes should be minimised as a matter of course.

	TOXICITY	IRRITATION
Paraffinic distillate, heavy, solvent- dewaxed	Not Available	Not Available

## **SECTION 12 ECOLOGICAL INFORMATION**

### **Toxicity**

Ingredient	Endpoint	Test Duration	Effect	Values	Species
Paraffinic distillate, heavy, solvent- dewaxed	Not Available				

### **Persistence and degradability**

Ingredient	Persistence: Water/Soil	Persistence: Air
Paraffinic distillate, heavy, solvent- dewaxed	Not Available	Not Available

### **Persistence and degradability**

Ingredient	Bioaccumulation
Paraffinic distillate, heavy, solvent- dewaxed	Not Available

### **Mobility in soil**

Ingredient	Mobility
Paraffinic distillate, heavy, solvent- dewaxed	Not Available



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## **SECTION 13 DISPOSAL CONSIDERATIONS**

### **Mobility in soil**

**Product / Packaging disposal**  
operating in their area.

Each user must  
disposal requirements may differ by country, sta

## **SECTION 14 TRANSPORT INFORMATION**

**Land transport (DOT): NOT REGULATED FOR TRANSPORT OF DANGEROUS GOODS**

**Air transport (ICAO-IATA / DGR): NOT REGULATED FOR TRANSPORT OF DANGEROUS GOODS**

**Sea transport (IMDG-Code / GGVSee): NOT REGULATED FOR TRANSPORT OF DANGEROUS GOODS**

## **SECTION 15 REGULATORY INFORMATION**

### **Safety, health and environmental regulations / legislation specific for the substance or mixture**

**PARAFFINIC DISTILLATE, HEAVY, SOLVENT-DEWAXED (SEVERE)(64742-65-0\*) IS FOUND ON THE FOLLOWING REGULATORY LISTS**

International Agency for Research on Cancer (IARC) - Agents Classified by the IARC Monographs

US - Alaska Limits for Air Contaminants

US - California Permissible Exposure Limits for Chemical Contaminants US

California Proposition 65 - Carcinogens

US - Hawaii Air Contaminant Limits

US - Idaho - Limits for Air Contaminants

US - Michigan Exposure Limits for Air Contaminants

US - Minnesota Permissible Exposure Limits (PELs)

US - Oregon Permissible Exposure Limits (Z-1)

US - Tennessee Occupational Exposure Limits - Limits For Air Contaminants

US - Vermont Permissible Exposure Limits Table Z-1-A Final Rule Limits for Air Contaminants

US - Vermont Permissible Exposure Limits Table Z-1-A Transitional Limits for Air Contaminants

US - Washington Permissible exposure limits of air contaminants

US - Wyoming Toxic and Hazardous Substances Table Z1 Limits for Air Contaminants

US ACGIH Threshold Limit Values (TLV)

US ACGIH Threshold Limit Values (TLV) - Carcinogens

US National Toxicology Program (NTP) 13th Report Part A Known to be Human Carcinogens

US NIOSH Recommended Exposure Limits (RELs)

US OSHA Permissible Exposure Levels (PELs) - Table Z1

US Priority List for the Development of Proposition 65 Safe Harbor Levels – No Significant Risk Levels (NSRLs) for Carcinogens and Maximum Allowable Dose Levels (MADLs) for Chemicals Causing Reproductive Toxicity

US Toxic Substances Control Act (TSCA) - Chemical Substance Inventory

### **Federal Regulations**

Superfund Amendments and Reauthorization Act of 1986 (SARA)

## **SECTION 16 OTHER INFORMATION**

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The (M)SDS is a Hazard Communication tool and should be used to assist in the Risk Assessment. Many factors determine whether the reported Hazards are Risks in the workplace or other settings.

NFPA health hazard : 0 – No unusual hazard  
NFPA fire hazard: 1 - Must be preheated before ignition can occur.  
NFPA reactivity : 0 - Normally stable, even under fire exposure conditions, and are not reactive with water

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.



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## SECTION 1 IDENTIFICATION OF THE SUBSTANCE / MIXTURE AND OF THE COMPANY / UNDERTAKING

### Product Identifier

<b>Product Name</b>	OIL KIT FOR AIR FILTER
<b>Identification of the product</b>	Oily liquid
<b>Chemical Name</b>	Paraffinic distillate, heavy, solvent-dewaxed
<b>Type of product</b>	Mineral Oil
<b>Synonyms</b>	Not Available

### Relevant identified uses of the substance or mixture and uses advised against

<b>Relevant Identified uses</b>	Industrial
---------------------------------	------------

### Details of the supplier of the safety data sheet

<b>Company Name</b>	BMC Air Filter
<b>Contact of the responsible person</b>	Michele Vitale – Quality Control Dept – michele.vitale@bmcairfilters.com
<b>Telephone</b>	0039 0516971511
<b>Fax</b>	0039 051852659
<b>Website</b>	www.bmcairfilter.com

### Emergency telephone number

<b>Organization</b>	CHEMTREC
<b>Telephone</b>	+1-800-262-8200
<b>Other emergency number</b>	0039 0516971511

## SECTION 2 HAZARDS IDENTIFICATION

### Classification of the substance or mixture

#### HAZARD RATINGS

<b>Flammability</b>	1
<b>Toxicity</b>	0
<b>Body Contact</b>	0
<b>Reactivity</b>	0
<b>Chronic</b>	0



#### CANADIAN WHMIS SYMBOLS



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**GHS Classification** | Not Applicable

## Label elements

**GHS label elements** | Not Applicable

**Hazard statements** | Not Applicable

**Precautionary statements** | Not Applicable

## SECTION 3 COMPOSITION / INFORMATION ON INGREDIENTS

Substances N.A.

### Mixtures

Name	% (weight)	CAS No	EC No	Annex No	Classification
Base oil: distillates solvent-dewaxed heavy paraffinic	<99	64742-65-0	265-169-7	649-474-00-6	-

## SECTION 4 FIRST AID MEASURES

### Description of first aid measures

<b>Eye contact</b>	Wash out immediately with water. If irritation continues, seek medical attention. Removal of contact lenses after an eye injury should only be undertaken by skilled personnel.
<b>Skin contact</b>	Flush skin and hair with running water (and soap if available). Seek medical attention in event of irritation.
<b>Inhalation</b>	If fumes, aerosols or combustion products are inhaled remove from contaminated area. Other measures are usually unnecessary.
<b>Ingestion</b>	Immediately give a glass of water. First aid is not generally required. If in doubt, contact a Poisons Information Centre or a doctor.

### Indication of any immediate medical attention and special treatment needed

Treat symptomatically

## SECTION 5 FIREFIGHTING MEASURES

### Extinguishing media

Foam.  
Dry chemical powder

### Special hazards arising from the substrate or mixture

**Fire Incompatibility** | None known

### Advice for firefighters

**Fire Fighting** | Alert Fire Brigade and tell them location and nature of hazard. Wear full body protective clothing with breathing apparatus.



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## Fire/Explosion Hazard

Combustible.  
Slight fire hazard when exposed to heat or flame.

## SECTION 6 ACCIDENTAL RELEASE MEASURES

### Personal precautions, protective equipment and emergency procedures

#### Minor Spills

Remove all ignition sources.  
Clean up all spills immediately.

#### Major Spills

Clear area of personnel and move upwind.

## SECTION 7 HANDLING AND STORAGE

### Precautions for safe handling

#### Safe handling

Avoid all personal contact, including inhalation.  
Wear protective clothing when risk of exposure occurs..

#### Other information

Store in original containers.  
Keep containers securely sealed.

### Conditions for safe storage, including any incompatibilities

#### Suitable container

Metal can or drum  
Packaging as recommended by manufacturer.  
Check all containers are clearly labelled and free from leaks.

#### Storage incompatibility

Avoid contamination of water, foodstuffs, feed or seed.

## SECTION 8 EXPOSURE CONTROLS / PERSONAL PROTECTION

### Control parameters

#### OCCUPATIONAL EXPOSURE LIMITS (OEL)

Source	Ingredient	Material name	TWA	STEL	Notes
Canada – Yukon Permissible concentration for airborne contaminant	Paraffinic distillate, heavy, solvent- dewaxed	Oil mist, mineral	5 mg/m <sup>3</sup> / --- ppm	10 mg/m <sup>3</sup> / --- ppm	Not Available
Canada - Saskatchewan Occupational Health and Safety Regulations - Contamination Limits	Paraffinic distillate, heavy, solvent- dewaxed	Oil mist, mineral	5 mg/m <sup>3</sup>	10 mg/m <sup>3</sup>	Not Available



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Canada - Saskatchewan Occupational Health and Safety Regulations - Designated Chemical Substances	Paraffinic distillate, heavy, solvent-dewaxed	Mineral oils, untreated and mildly	Not Available	Not Available	Not Available
Canada – Northwest Territories Occupational Exposure Limits	Paraffinic distillate, heavy, solvent-dewaxed	Oil mist, mineral	5 mg/m3	10 mg/m3	Not Available
Canada - Nova Scotia Occupational Exposure Limits	Paraffinic distillate, heavy, solvent-dewaxed	Oil mist, mineral	5 mg/m3	10 mg/m3	TLV Basis: lung. As sampled by method that does not collect vapor.
Canada - Prince Edward Island Occupational Exposure Limits	Paraffinic distillate, heavy, solvent-dewaxed	Mineral oil, excluding metal working fluids - Pure, highly and severely refined / Mineral oil, excluding metal working fluids - Poorly and mildly refined	5 mg/m3	Not Available	TLV® Basis: URT irr
Canada – Quebec Permissible Exposure Values for Airborne Contaminants	Paraffinic distillate, heavy, solvent-dewaxed	Mineral oil (mist) / Oil mist, mineral	5 mg/m3	10 mg/m3	Not Available
Canada - Alberta Occupational Exposure Limits	Paraffinic distillate, heavy, solvent-dewaxed	Oil mist, mineral	5 mg/m3	10 mg/m3	Not Available
Canada – British Columbia Occupational Exposure Limits	Paraffinic distillate, heavy, solvent-dewaxed	Oil mist - mineral, mildly refined / Oil mist - mineral, severely refined	0.2 mg/m3 / 1 mg/m3	Not Available	Not Available

## EMERGENCY LIMITS

Ingredient	Material Name	TEEL – 1	TEEL - 2	TEEL - 3
Paraffinic distillate, heavy, solvent- dewaxed	Pump oil	15 mg/m3	170 mg/m3	990 mg/m3

## Exposure Controls

<b>Appropriate engineering controls</b>	Engineering controls are used to remove a hazard or place a barrier between the worker and the hazard. Well-designed engineering controls can be highly effective in protecting workers and will typically be independent of worker interactions to provide this high level of protection.
<b>Eye and face protection</b>	Safety glasses with side shields Chemical goggles. Contact lenses may pose a special hazard; soft contact lenses may absorb and concentrate irritants.
<b>Skin protection</b>	See hand protection below



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<b>Hand protection</b>	Wear general protective gloves, eg. light weight rubber gloves. The selection of suitable gloves does not only depend on the material, but also on further marks of quality which vary from manufacturer to manufacturer.
<b>Thermal hazards</b>	Not Available

## SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

<b>Physical state</b>	Liquid	<b>Relative density (water=1)</b>	0.874 (15°C)
<b>Colour</b>	Reddish brown	<b>Partition coefficient n-octanol / water</b>	N.A.
<b>Odour</b>	Barely perceptible	<b>Auto-ignition temperature (°C)</b>	N.A.
<b>Odour threshold</b>	N.A.	<b>Decomposition Temperature</b>	N.A.
<b>pH</b>	N.A.	<b>Viscosity (cSt)</b>	45.8
<b>Melting point / Freezing point (°C)</b>	N.A.	<b>Flash point</b>	> 200 °C
<b>Boiling point</b>	> 320 °C	<b>Explosive properties</b>	N.A.
<b>Evaporation rate</b>	N.A.	<b>Oxidising properties</b>	N.A.
<b>Flammability</b>	N.A.	<b>Lower Explosive Limit</b>	N.A.
<b>Upper Explosive Limit</b>	N.A.	<b>Vapour pressure (20°C)</b>	< 0.1 Kpa
<b>Volatile component</b>	N.A.	<b>Vapour densit (Air=1)</b>	N.A.
<b>Solubility</b>	Insoluble	<b>VOC g/l</b>	N.A.

## SECTION 10 STABILITY AND REACTIVITY

<b>Reactivity</b>	See section 7
<b>Chemical stability</b>	Product is considered stable and hazardous polymerisation will not occur.
<b>Possibility of Hazardous reactions</b>	See section 7
<b>Conditions to avoid</b>	See section 7
<b>Incompatible materials</b>	See section 7
<b>Hazardous decomposition products</b>	See section 5

## SECTION 11 TOXICOLOGICAL INFORMATION

<b>Inhaled</b>	The material is not thought to produce adverse health effects or irritation of the respiratory tract (as classified by EC Directives using animal models). Nevertheless, good hygiene practice requires that exposure be kept to a minimum and that suitable control measures be used in an occupational setting.
<b>Ingestion</b>	The material has not been classified by EC Directives or other classification systems as "harmful by ingestion". This is because of the lack of corroborating animal or human evidence.



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<b>Skin Contact</b>	The liquid may be miscible with fats or oils and may degrease the skin, producing a skin reaction described as non-allergic contact dermatitis. The material is unlikely to produce an irritant dermatitis as described in EC Directives .
<b>Eye</b>	Although the liquid is not thought to be an irritant (as classified by EC Directives), direct contact with the eye may produce transient discomfort characterised by tearing or conjunctival redness (as with windburn).
<b>Chronic</b>	Long-term exposure to the product is not thought to produce chronic effects adverse to health (as classified by EC Directives using animal models); nevertheless exposure by all routes should be minimised as a matter of course.

	<b>TOXICITY</b>	<b>IRRITATION</b>
Paraffinic distillate, heavy, solvent- dewaxed	Not Available	Not Available

## **SECTION 12 ECOLOGICAL INFORMATION**

### **Toxicity**

<b>Ingredient</b>	<b>Endpoint</b>	<b>Test Duration</b>	<b>Effect</b>	<b>Values</b>	<b>Species</b>
Paraffinic distillate, heavy, solvent- dewaxed	Not Available	Not Available	Not Available	Not Available	Not Available

### **Persistence and degradability**

<b>Ingredient</b>	<b>Persistence: Water/Soil</b>	<b>Persistence: Air</b>
Paraffinic distillate, heavy, solvent- dewaxed	Not Available	Not Available

### **Persistence and degradability**

<b>Ingredient</b>	<b>Bioaccumulation</b>
Paraffinic distillate, heavy, solvent- dewaxed	Not Available

### **Mobility in soil**

<b>Ingredient</b>	<b>Mobility</b>
Paraffinic distillate, heavy, solvent- dewaxed	Not Available

## **SECTION 13 DISPOSAL CONSIDERATIONS**

### **Mobility in soil**

**Product / Packaging** | Legislation addressing waste disposal requirements may differ by country, state and/ or territory. **disposal** Each user must refer to laws operating in their area.

## **SECTION 14 TRANSPORT INFORMATION**



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**Land transport (Not Applicable): NOT REGULATED FOR TRANSPORT OF DANGEROUS GOODS**

**Air transport (ICAO-IATA / DGR): NOT REGULATED FOR TRANSPORT OF DANGEROUS GOODS**

**Sea transport (IMDG-Code / GGVSee): NOT REGULATED FOR TRANSPORT OF DANGEROUS GOODS**

## **SECTION 15 REGULATORY INFORMATION**

**Safety, health and environmental regulations / legislation specific for the substance or mixture**

**PARAFFINIC DISTILLATE, HEAVY, SOLVENT-DEWAXED (SEVERE)(64742-65-0\*) IS FOUND ON THE FOLLOWING REGULATORY LISTS**

Canada - Alberta Occupational Exposure Limits

Canada - British Columbia Occupational Exposure Limits

Canada - Northwest Territories Occupational Exposure Limits (English)

Canada - Nova Scotia Occupational Exposure Limits

Canada - Prince Edward Island Occupational Exposure Limits

Canada - Prince Edward Island Occupational Exposure Limits - Carcinogens Canada

Quebec Permissible Exposure Values for Airborne Contaminants (French)

Canada - Saskatchewan Occupational Health and Safety Regulations - Contamination Limits

Canada - Saskatchewan Occupational Health and Safety Regulations - Designated Chemical Substances

Canada - Yukon Permissible Concentrations for Airborne Contaminant Substances

Canada Categorization decisions for all DSL substances

Canada Domestic Substances List (DSL)

Canada Forensic Identification Services Chemical Carcinogenicity Evaluation - Table 1 - Chemicals Considered for Assessment (English)

Forensic Identification Services Chemical Carcinogenicity Evaluation - Table 1 - Chemicals Considered for Assessment (French) International

Agency for Research on Cancer (IARC) - Agents Classified by the IARC Monographs

## **SECTION 16 OTHER INFORMATION**

The (M)SDS is a Hazard Communication tool and should be used to assist in the Risk Assessment. Many factors determine whether the reported Hazards are Risks in the workplace or other settings.

NFPA health hazard : 0 – No unusual hazard  
NFPA fire hazard: 1 - Must be preheated before ignition can occur.  
NFPA reactivity : 0 - Normally stable, even under fire exposure conditions, and are not reactive with water

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product