



## Section 1. Identification

**Product identifier**

**Product Identity**

CHEMKUT PCM

**Other means of identification**

Not Applicable

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

Industrial Cutting Oil

**Details of the supplier of the safety data sheet**

**Company Name**

Chem-Ecol Ltd.  
640 Victoria St.  
Cobourg, Ontario K9A 5H5

**Emergency**

**24 hour Emergency Telephone No.**

1-800-263-3939

**Customer Service: Chem-Ecol Ltd.**

905-372-2251

**Email Address**

SDS@e360s.ca

## Section 2. Hazard(s) identification

This SDS is aligned with the Workplace Hazardous Materials Information System (WHMIS) and with the Globally Harmonized System of Classification and Labelling of Chemicals (GHS).

**Classification of the substance or mixture**

Skin sensitizer category 1;H317      May cause an allergic skin reaction.

**Label elements**



**Warning**

H317 May cause an allergic skin reaction.

**[Prevention]**

P201 Obtain special instructions before use.

P202 Do not handle until all safety precautions have been read and understood.  
 P261 Avoid breathing dust, fume, gas, mist, vapours, spray.  
 P272 Contaminated work clothing should not be allowed out of the workplace.  
 P273 Avoid release to the environment.  
 P280 Wear protective gloves, eye protection, and face protection.

**[Response]**

P302+352 IF ON SKIN: Wash with plenty of soap and water.  
 P333+313 If skin irritation or a rash occurs: Get medical advice or attention.  
 P362+364 Take off contaminated clothing and wash it before reuse.  
 P391 Collect spillage.

**[Storage]**

P405 Store locked up.

**[Disposal]**

P501 Dispose of contents or container in accordance with local and national regulations.

**Other hazards**

This product contains PBT/vPvB/vPvM chemicals.  
 This product contains no endocrine disrupting chemicals.  
 Does NOT contain component(s) that meet a 'definition' of per & poly fluoroalkyl substance (PFAS) per the US EPA PFASMASTER combined list of PFAS chemicals.

**Section 3. Composition/information on ingredients**

This product contains the following substances that present a hazard within the meaning of the Hazardous Products Regulations.

| Ingredient/Chemical Designations   | Weight % | GHS Classification   | Notes     |
|--|----------|--|-----------|
| Lubricating oils, petroleum, hydrotreated spent<br>CAS Number: 64742-58-1<br>Synonyms: Petroleum oil, 64742-58-1 | 30 - 60  | Not Classified   | ----      |
| Alkanes, C14-16, chloro<br>CAS Number: 1372804-76-6<br>Synonyms: No available information                        | 10 - 30  |  | *PBT/vPvB |
| Oils, lard<br>CAS Number: 8016-28-2<br>Synonyms: No available information  | 3 - 7    | Not Classified   | ----      |
| Pentene, 2,4,4-trimethyl-, sulfurized<br>CAS Number: 68515-88-8<br>Synonyms: No available information            | 1 - 5    | Skin sensitizer category 1;H317<br>Aquatic toxicity (chronic), category 4;H413 | ----      |

The actual concentration or concentration range is withheld as a trade secret.  
 \*PBT/vPvB - PBT, vPvM or vPvB-substance.  
 The full texts of the phrases are shown in Section 16.

**Section 4. First aid measures**

**Description of first aid measures**

**General** In all cases of doubt, or when symptoms persist, seek medical attention.  
 Never give anything by mouth to an unconscious person.

|  |  |
|--|--|
| <b>Inhalation</b>  | Remove to fresh air, keep patient warm and at rest. If breathing is irregular or stopped, give artificial respiration. If unconscious, place in the recovery position and obtain immediate medical attention. Give nothing by mouth. |
| <b>Eyes</b>  | Irrigate copiously with clean water for at least 15 minutes, holding the eyelids apart and seek medical attention.   |
| <b>Skin</b>  | Remove contaminated clothing. Wash skin thoroughly with soap and water or use a recognized skin cleanser.  |
| <b>Ingestion</b>   | If swallowed obtain immediate medical attention. Keep at rest. Do NOT induce vomiting.   |
| <b>Most important symptoms and effects, both acute and delayed</b> |  |
| <b>Overview</b>  | No specific symptom data available.<br>No chronic toxicity or long term toxicity information available. Treat symptomatically. See section 2 for further details.  |
| <b>Skin</b>  | May cause an allergic skin reaction.   |

## Section 5. Fire-fighting measures

### **Extinguishing media**

Recommended extinguishing media; alcohol resistant foam, CO<sub>2</sub>, powder, water spray.

Unsuitable extinguishing media: Do not use; water jet.

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

Hazardous decomposition: No hazardous decomposition data available.

Avoid breathing dust, fume, gas, mist, vapours, spray.

### **Advice for fire-fighters**

As with all fires, wear positive pressure, self-contained breathing apparatus, (SCBA) with a full face piece and protective clothing. Persons without respiratory protection should leave area. Wear SCBA during clean-up immediately after fire. No smoking.

## Section 6. Accidental release measures

### **Personal precautions, protective equipment and emergency procedures**

Put on appropriate personal protective equipment (see section 8).

Use good personal hygiene practices. Wash hands before eating, drinking, smoking or using toilet. Promptly remove soiled clothing and wash thoroughly before reuse.

### **Environmental precautions**

Do not allow spills to enter drains or waterways.

### **Methods and material for containment and cleaning up**

Ventilate the area and avoid breathing vapours. Take the personal protective measures listed in section 8. Contain and absorb spillage with non-combustible materials e.g. sand, earth, and vermiculite. Place in closed containers outside buildings and dispose of according to the Waste Regulations.

## Section 7. Handling and storage

### Precautions for safe handling

Handle containers carefully to prevent damage and spillage.

See section 2 for further details. - [Prevention]

### Conditions for safe storage, including any incompatibilities

Incompatible materials: No available information

See section 2 for further details. - [Storage]

### Specific end use(s)

No available information

## Section 8. Exposure controls / personal protection

### Control parameters

#### Exposure Limits

| CAS No.    | Ingredient                                      | Source                    | Value                |
|------------|---|---------------------------|----------------------|
| 8016-28-2  | Oils, lard                                      | ACGIH                     | No Established Limit |
|            |   | Alberta                   | No Established Limit |
|            |   | British Columbia          | No Established Limit |
|            |   | Manitoba                  | No Established Limit |
|            |   | New Brunswick             | No Established Limit |
|            |   | Newfoundland and Labrador | No Established Limit |
|            |   | Nova Scotia               | No Established Limit |
|            |   | Northwest Territories     | No Established Limit |
|            |   | Nunavut                   | No Established Limit |
|            |   | Ontario                   | No Established Limit |
|            |   | Prince Edward Island      | No Established Limit |
|            |   | Quebec                    | No Established Limit |
|            |   | Saskatchewan              | No Established Limit |
|            |   | Yukon                     | No Established Limit |
| 64742-58-1 | Lubricating oils, petroleum, hydrotreated spent | ACGIH                     | No Established Limit |
|            |   | Alberta                   | No Established Limit |
|            |   | British Columbia          | No Established Limit |
|            |   | Manitoba                  | No Established Limit |
|            |   | New Brunswick             | No Established Limit |
|            |   | Newfoundland and Labrador | No Established Limit |
|            |   | Nova Scotia               | No Established Limit |
|            |   | Northwest Territories     | No Established Limit |
|            |   | Nunavut                   | No Established Limit |
|            |   | Ontario                   | No Established Limit |
|            |   | Prince Edward Island      | No Established Limit |
|            |   | Quebec                    | No Established Limit |
|            |   | Saskatchewan              | No Established Limit |
|            |   | Yukon                     | No Established Limit |

|              |                                       |                           |                      |
|--------------|---------------------------------------|---------------------------|----------------------|
| 68515-88-8   | Pentene, 2,4,4-trimethyl-, sulfurized | ACGIH                     | No Established Limit |
|              |                                       | Alberta                   | No Established Limit |
|              |                                       | British Columbia          | No Established Limit |
|              |                                       | Manitoba                  | No Established Limit |
|              |                                       | New Brunswick             | No Established Limit |
|              |                                       | Newfoundland and Labrador | No Established Limit |
|              |                                       | Nova Scotia               | No Established Limit |
|              |                                       | Northwest Territories     | No Established Limit |
|              |                                       | Nunavut                   | No Established Limit |
|              |                                       | Ontario                   | No Established Limit |
|              |                                       | Prince Edward Island      | No Established Limit |
|              |                                       | Quebec                    | No Established Limit |
|              |                                       | Saskatchewan              | No Established Limit |
|              |                                       | Yukon                     | No Established Limit |
| 1372804-76-6 | Alkanes, C14-16, chloro               | ACGIH                     | No Established Limit |
|              |                                       | Alberta                   | No Established Limit |
|              |                                       | British Columbia          | No Established Limit |
|              |                                       | Manitoba                  | No Established Limit |
|              |                                       | New Brunswick             | No Established Limit |
|              |                                       | Newfoundland and Labrador | No Established Limit |
|              |                                       | Nova Scotia               | No Established Limit |
|              |                                       | Northwest Territories     | No Established Limit |
|              |                                       | Nunavut                   | No Established Limit |
|              |                                       | Ontario                   | No Established Limit |
|              |                                       | Prince Edward Island      | No Established Limit |
|              |                                       | Quebec                    | No Established Limit |
|              |                                       | Saskatchewan              | No Established Limit |
|              |                                       | Yukon                     | No Established Limit |

Contains mineral oil. The exposure limits for oil mist are 5 mg/m<sup>3</sup> OSHA PEL and 5 mg/m<sup>3</sup> ACGIH.

### Exposure controls

#### Respiratory

If workers are exposed to concentrations above the exposure limit they must use the appropriate, certified respirators.

#### Eyes

Protective safety glasses recommended

#### Skin

Avoid skin contact. Protective gloves recommended.

**Engineering Controls** Provide adequate ventilation. Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction. If these are not sufficient to maintain concentrations of particulates and any vapour below occupational exposure limits suitable respiratory protection must be worn.

**Other Work Practices** Use good personal hygiene practices. Wash hands before eating, drinking, smoking or using toilet. Promptly remove soiled clothing and wash thoroughly before reuse.

See section 2 for further details.

## Section 9. Physical and chemical properties

### Information on basic physical and chemical properties

|  |  |
|--|--|
| <b>Physical State</b>                                  | Liquid   |
| <b>Color</b>   | Light Brown / Clear  |
| <b>Odor</b>  | Mild Aromatic Odor   |
| <b>Odor threshold</b>                                  | No available information   |
| <b>Melting point / freezing point</b>                  | No available information   |
| <b>Initial boiling point and boiling range</b>         | > 250 °C   |
| <b>Flammability (solid, gas)</b>                       | Not Applicable   |
| <b>Upper/lower flammability or explosive limits</b>    | Lower Explosive Limit: No available information<br>Upper Explosive Limit: No available information |
| <b>Flash Point</b>                                     | > 140 °C, Test method: (Open cup)  |
| <b>Auto-ignition temperature</b>                       | No available information   |
| <b>Decomposition temperature</b>                       | No available information   |
| <b>pH</b>  | No available information   |
| <b>Viscosity (cSt)</b>                                 | 21 cSt   |
| <b>Solubility in Water</b>                             | Not Soluble  |
| <b>Partition coefficient n-octanol/water (Log Kow)</b> | No available information   |
| <b>Vapour pressure (Pa)</b>                            | < 1 MM_HG  |
| <b>Relative Density</b>                                | 0.93   |
| <b>Vapour Density</b>                                  | > 1  |
| <b>Evaporation rate (Ether = 1)</b>                    | No available information   |
| <b>Oxidising properties</b>                            | No available information   |
| <b>Explosive properties</b>                            | No available information   |
| <b>Other information</b>                               | DMSO extract by IP346: Less than 3.0 wt % (mineral oil component only)                             |

## Section 10. Stability and reactivity

### Reactivity

Hazardous Polymerization will not occur.

### Chemical stability

Stable under normal circumstances.

### Possibility of hazardous reactions

No available information

### Conditions to avoid

Avoid high temperatures and contact with incompatible material

### Incompatible materials

No available information

## Hazardous decomposition products

No hazardous decomposition data available.

## Section 11. Toxicological information

### Acute toxicity

Note: When no route specific LD50 data is available for an acute toxin, the converted acute toxicity point estimate was used in the calculation of the product's ATE (Acute Toxicity Estimate).

| Ingredient   | Oral LD50, mg/kg   | Skin LD50, mg/kg   | Inhalation vapour LC50, mg/L/4hr | Inhalation Dust/Mist LC50, mg/L/4hr | Inhalation Gas LC50, ppm |
|--|--------------------|--------------------|----------------------------------|-------------------------------------|--------------------------|
| Lubricating oils, petroleum, hydrotreated spent - (64742-58-1) | No data available. | No data available. | No data available.               | No data available.                  | No data available.       |
| Alkanes, C14-16, chloro - (1372804-76-6)                       | No data available. | No data available. | No data available.               | No data available.                  | No data available.       |
| Oils, lard - (8016-28-2)                                       | No data available. | No data available. | No data available.               | No data available.                  | No data available.       |
| Pentene, 2,4,4-trimethyl-, sulfurized - (68515-88-8)           | No data available. | No data available. | No data available.               | No data available.                  | No data available.       |

### Carcinogen Data

| CAS No.      | Ingredient                                      | Source | Value                |
|--------------|---|--------|----------------------|
| 8016-28-2    | Oils, lard                                      | IARC   | No                   |
|              |   | ACGIH  | No Established Limit |
| 64742-58-1   | Lubricating oils, petroleum, hydrotreated spent | IARC   | No                   |
|              |   | ACGIH  | No Established Limit |
| 68515-88-8   | Pentene, 2,4,4-trimethyl-, sulfurized           | IARC   | No                   |
|              |   | ACGIH  | No Established Limit |
| 1372804-76-6 | Alkanes, C14-16, chloro                         | IARC   | No                   |
|              |   | ACGIH  | No Established Limit |

| Classification                | Category | Hazard Description                   |
|-------------------------------|----------|--------------------------------------|
| Acute toxicity (oral)         | ---      | Not Applicable                       |
| Acute toxicity (dermal)       | ---      | Not Applicable                       |
| Acute toxicity (inhalation)   | ---      | Not Applicable                       |
| Skin corrosion/irritation     | ---      | Not Applicable                       |
| Serious eye damage/irritation | ---      | Not Applicable                       |
| Respiratory sensitization     | ---      | Not Applicable                       |
| Skin sensitization            | 1        | May cause an allergic skin reaction. |
| Germ cell mutagenicity        | ---      | Not Applicable                       |
| Carcinogenicity               | ---      | Not Applicable                       |
| Reproductive toxicity         | ---      | Not Applicable                       |
| STOT-single exposure          | ---      | Not Applicable                       |
| STOT-repeated exposure        | ---      | Not Applicable                       |

|                   |     |                |
|-------------------|-----|----------------|
| Aspiration hazard | --- | Not Applicable |
|-------------------|-----|----------------|

**Possible routes of entry:**

Inhalation, ingestion, skin contact, and skin absorption.

**Symptoms and effects, both acute and delayed:**

No specific symptom data available.

No chronic toxicity or long term toxicity information available. Treat symptomatically.

**Skin** May cause an allergic skin reaction.

**Section 12. Ecological information**

**Toxicity**

No additional information provided for this product. See Section 3 for chemical specific data.

**Aquatic Ecotoxicity**

| Ingredient   | 96 hr LC50 fish, mg/L | 48 hr EC50 crustacea, mg/L | ErC50 algae, mg/L  |
|--|-----------------------|----------------------------|--------------------|
| Lubricating oils, petroleum, hydrotreated spent - (64742-58-1) | No data available.    | No data available.         | No data available. |
| Alkanes, C14-16, chloro - (1372804-76-6)                       | No data available.    | No data available.         | No data available. |
| Oils, lard - (8016-28-2)                                       | No data available.    | No data available.         | No data available. |
| Pentene, 2,4,4-trimethyl-, sulfurized - (68515-88-8)           | No data available.    | No data available.         | No data available. |

**Persistence and degradability**

There is no data available on the preparation itself.

**Bioaccumulative potential**

No available information

**Mobility in soil**

No available information

**Results of PBT and vPvB assessment**

This product contains PBT/vPvB/vPvM chemicals.

**Other adverse effects**

No available information

**Section 13. Disposal considerations**

**Waste treatment methods**

Observe all federal, provincial and local regulations when disposing of this substance.

**Section 14. Transport information**

Classification Method: Classified as per Part 2, Sections 2.1-2.8 of the Transportation of Dangerous Goods Regulations.

|  |  |                  |
|--|--|------------------|
| <b>TDG (Domestic Surface<br/>Transportation)</b> | <b>IMO / IMDG (Ocean<br/>Transportation)</b> | <b>ICAO/IATA</b> |
|--|--|------------------|

|                                     |  |  |  |
|-------------------------------------|--|--|--|
| <b>UN number</b>                    | Not Regulated  | Not Regulated  | Not Regulated  |
| <b>UN proper shipping name</b>      | Not Regulated  | Not Regulated  | Not Regulated  |
| <b>Transport hazard class(es)</b>   | <b>Class:</b> Not Applicable<br><b>Sub Class:</b> Not Applicable | <b>Class:</b> Not Applicable<br><b>Sub Class:</b> Not Applicable | <b>Class:</b> Not Applicable<br><b>Sub Class:</b> Not Applicable |
| <b>Packing group</b>                | Not Applicable   | Not Applicable   | Not Applicable   |
| <b>Environmental hazards</b>        | IMDG Marine Pollutant: No;                                       |  |  |
| <b>Special precautions for user</b> | No available information   |  |  |

### Section 15. Regulatory information

This product has been classified in accordance with the hazard criteria Hazardous Products Regulations (SOR/2015-17 amended 2022-12-15) and the SDS contains all of the information required by those regulations.

**Canadian Domestic Substance List (DSL):**

Lubricating oils, petroleum, hydrotreated spent  
Oils, lard  
Pentene, 2,4,4-trimethyl-, sulfurized  
Residual oils (petroleum), solvent dewaxed

**Canadian Non-Domestic Substance List (NDSL):**

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

### Section 16. Other information

**Revision Date**            27 February, 2026

The information and recommendations contained herein are based upon data believed to be correct. However, no guarantee or warranty of any kind, expressed or implied, is made with respect to the information contained herein. We accept no responsibility and disclaim all liability for any harmful effects which may be caused by exposure to our products. Customers/users of this product must comply with all applicable health and safety laws, regulations, and orders.

The full text of the phrases appearing in section 3 is:

H317 May cause an allergic skin reaction.

H413 May cause long lasting harmful effects to aquatic life.

Disclaimer:

The information contained in this document applies to this specific material as supplied. It may not be valid for this material if it is used in combination with any other materials. It is the user's responsibility to satisfy oneself as to the suitability and completeness of this information for their own particular use.

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