



**Safety Data Sheet**  
**CHEMKUT 700**

**Revision Date:**  
**29 May, 2026**

## Section 1. Identification

### Product identifier

#### Product Identity

CHEMKUT 700

#### 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

The substance is not classified according to the WHMIS regulations.

### Label elements

The substance is not classified according to the WHMIS regulations.

### [Prevention]

No GHS prevention statements

### [Response]

No GHS response statements

### [Storage]

No GHS storage statements

### [Disposal]

No GHS disposal statements

### Other hazards

This product contains no 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 CAS Number: 64742-58-1 Synonyms: Petroleum oil, 64742-58-1	65 - 85	Not Classified	----
Canola Oil CAS Number: 120962-03-0 Synonyms: No available information	3 - 7	Not Classified	----
ZINC, BIS[O,O-BIS(2-ETHYLHEXYL) PHOSPHORODITHIOATO CAS Number: 4259-15-8 Synonyms: 1-Hexanol, 2-ethyl-, O,O-diester with phosphorodithioic acid, zinc salt, Zinc, bis[O,O-bis(2-ethylhexyl) phosphorodithioato-S,S']-, (T-4)-	0.5 - 1.5	Serious eye damage / eye irritation, category 1;H318 Aquatic toxicity (chronic), category 2;H411	----
Benzenesulfonic acid, C10-16-alkyl derivs., calcium salts CAS Number: 68584-23-6 Synonyms: No available information	0.1 - 1	Skin sensitizer category 1B;H317 : 10 % ≤ C ≤ 100 %	----

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.

#### Inhalation

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.

#### Eyes

Irrigate copiously with clean water for at least 15 minutes, holding the eyelids apart and seek medical attention.

#### Skin

Remove contaminated clothing. Wash skin thoroughly with soap and water or use a recognized skin cleanser.

#### Ingestion

If swallowed obtain immediate medical attention. Keep at rest. Do NOT induce vomiting.

### Most important symptoms and effects, both acute and delayed

#### Overview

No specific symptom data available.  
No chronic toxicity or long term toxicity information available. Treat symptomatically. See section 2 for further details.

**Skin**

Causes mild skin irritation.

## **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: Oxides of carbon and sulfur

### **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: Compound is incompatible with strong oxidizers.

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
4259-15-8	ZINC, BIS[O,O-BIS(2-ETHYLHEXYL) PHOSPHORODITHIOATO	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
68584-23-6	Benzenesulfonic acid, C10-16-alkyl derivs., calcium salts	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

120962-03-0	Canola Oil	Yukon	No Established Limit
		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>	Dark Brown / Black
<b>Odor</b>	Oily
<b>Odor threshold</b>	No available information
<b>Melting point / freezing point</b>	< 0 °C
<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 Upper Explosive Limit: No available information
<b>Flash Point</b>	> 200 °C, (Open Cleveland 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>	28 cSt
<b>Solubility in Water</b>	No available information
<b>Partition coefficient n-octanol/water (Log Kow)</b>	No available information
<b>Vapour pressure (Pa)</b>	< 1 mm Hg
<b>Relative Density</b>	0.88
<b>Vapour Density</b>	No available information

<b>Evaporation rate (Ether = 1)</b>	No available information
<b>Oxidising properties</b>	No available information
<b>Explosive properties</b>	No available information

**Other information**

DMSO extract by IP346: Less than 3.0 wt % (mineral oil component only)

<b>Section 10. Stability and reactivity</b>
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**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**

Compound is incompatible with strong oxidizers.

**Hazardous decomposition products**

Oxides of carbon and sulfur

<b>Section 11. Toxicological information</b>
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**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.
Canola Oil - (120962-03-0)	No data available.	No data available.	No data available.	No data available.	No data available.
ZINC, BIS[O,O-BIS(2-ETHYLHEXYL) PHOSPHORODITHIOATO - (4259-15-8)	No data available.	No data available.	No data available.	No data available.	No data available.
Benzenesulfonic acid, C10-16-alkyl derivs., calcium salts - (68584-23-6)	> 5,000.00, Rat - Category: NA	> 5,000.00, Rabbit - Category: NA	No data available.	No data available.	No data available.

### Carcinogen Data

CAS No.	Ingredient	Source	Value
4259-15-8	ZINC, BIS[O,O-BIS(2-ETHYLHEXYL) PHOSPHORODITHIOATO	IARC	No
		ACGIH	No Established Limit
64742-58-1	Lubricating oils, petroleum, hydrotreated spent	IARC	No
		ACGIH	No Established Limit
68584-23-6	Benzenesulfonic acid, C10-16-alkyl derivs., calcium salts	IARC	No
		ACGIH	No Established Limit
120962-03-0	Canola Oil	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	---	Not Applicable
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:

Skin, eyes, inhalation of oil mist.

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

No specific symptom data available.

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

#### Skin

Causes mild skin irritation.

## 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.
Canola Oil - (120962-03-0)	No data available.	No data available.	No data available.
ZINC, BIS[O,O-BIS(2-ETHYLHEXYL) PHOSPHORODITHIOATO - (4259-15-8)	No data available.	No data available.	No data available.
Benzenesulfonic acid, C10-16-alkyl derivs., calcium salts - (68584-23-6)	> 10,000, Cyprinodon variegatus	> 1,000, Daphnia magna	101.00, Desmodesmus subspicatus

## 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 no 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



	TDG (Domestic Surface Transportation)	IMO / IMDG (Ocean Transportation)	ICAO/IATA
<b>UN number</b>	NA1270	NA1270	NA1270
<b>UN proper shipping name</b>	Petroleum oil	Petroleum oil	Petroleum oil
<b>Transport hazard class(es)</b>	<b>Class: 3</b> <b>Sub Class:</b> Not Applicable	<b>Class: 3</b> <b>Sub Class:</b> Not Applicable	<b>Class: 3</b> <b>Sub Class:</b> Not Applicable
<b>Packing group</b>	III	III	III
<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):

1H-Benzotriazole-1-methanamine, N,N-bis(2-ethylhexyl)-ar-methyl-Amines, C12-14-alkyl, C6-10-alkyl phosphates  
Benzenesulfonic acid, C10-16-alkyl derivs., calcium salts  
Benzenesulfonic acid, mono-C15-24-alkyl derivatives, calcium salts  
Calcium carbonate  
Calcium petroleum sulfonate  
Canola Oil  
Distillates (petroleum), solvent refined heavy paraffinic  
Distillates (petroleum), solvent-dewaxed heavy paraffinic  
Lubricating oils, petroleum, hydrotreated spent  
Naphthalenesulfonic acid, dinonyl-, calcium salt  
Naphthalenesulfonic acid, dinonyl-, zinc salt  
Paraffin oils (petroleum), catalytic dewaxed heavy; Baseoil-unspecified  
Residual oils (petroleum), solvent dewaxed  
ZINC, BIS[O,O-BIS(2-ETHYLHEXYL) PHOSPHORODITHIOATO

### 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** 29 May, 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.

H318 Causes serious eye damage.

H411 Toxic to aquatic life with long lasting effects.

**Disclaimer:**

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