

# Safety Data Sheet

## 1. IDENTIFICATION

**Product Identifier:** KEROSENE **Date of Revision:** January 20, 2017  
**Product Code:** D348  
**Other Name(s):**  
**Distributed By:**  
**Recommended Use and Restrictions on Use:** solvent  
**Manufactured By:** Ostrem Chemical Co. Ltd. Phone: 780-440-1911  
2310 - 80th Avenue NW In Case of Emergency Only, Phone  
Edmonton, Alberta, Canada T6P 1N2 CANUTEC: 613-996-6666  
www.ostrem.com

## 2. HAZARDS IDENTIFICATION

**Classification of the Mixture:** Skin Corrosion/Irritation - Category 2  
Specific Target Organ Toxicity (Single Exposure) - Category 3  
Aspiration Hazard - Category 1  
Flammable Liquids - Category 3

**Label Elements:**

Hazard Pictogram(s):



Signal Word: DANGER

**Hazard Statement(s):** Causes skin irritation.  
May cause drowsiness or dizziness.  
May be fatal if swallowed and enters airways.  
Flammable liquid and vapour.

**Precautionary Statement(s):**

**Prevention:** Wash hands thoroughly after handling.  
Avoid breathing dust, vapours or spray.  
Use only outdoors or in a well-ventilated area.  
Wear protective gloves, protective clothing, and eye/face protection.  
Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

**Response:** IF ON SKIN: Wash with plenty of water.  
If skin irritation occurs: Get medical advice.  
Take off contaminated clothing and wash it before reuse.  
IF INHALED: Remove person to fresh air and keep comfortable for breathing.  
Call a poison centre or physician if you feel unwell.  
IF SWALLOWED: Immediately call a poison centre or physician.  
Do NOT induce vomiting.

**Storage:** Store in a well-ventilated place. Keep cool.  
Keep container tightly closed.  
Store locked up.

**Disposal:** Dispose of contents/container in accordance with local/regional/national/international regulations.

**Physical/health hazards not otherwise classified:**

not applicable

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

<u>Chemical Name</u>	<u>Conc.</u>	<u>CAS #</u>	<u>Common Names</u>
kerosene	100.0%	64742-81-0	

## 4. FIRST-AID MEASURES

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## Necessary Measures:

IF ON SKIN: Wash with plenty of water.

If skin irritation occurs: Get medical advice.

Take off contaminated clothing and wash it before reuse.

IF INHALED: Remove person to fresh air and keep comfortable for breathing.

Call a poison centre or physician if you feel unwell.

IF SWALLOWED: Immediately call a poison centre or physician.

Do NOT induce vomiting.

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do.

Continue rinsing.

## Most important symptoms, both acute and delayed:

Causes skin irritation.

May cause drowsiness or dizziness.

May be fatal if swallowed and enters airways.

## Indication of immediate medical attention and special treatment needed, if necessary:

not applicable

## 5. FIRE-FIGHTING MEASURES

### Suitable (and unsuitable) extinguishing media:

Use extinguishing media appropriate for surrounding fire.

### Specific hazards arising from the chemical (e.g.: hazardous combustion products):

May liberate carbon monoxide, carbon dioxide, nitrogen oxides and sulphur oxides.

### Special protective equipment and precautions for firefighters:

As for surrounding fire. Firefighters should wear full protective clothing and self contained breathing equipment.

## 6. ACCIDENTAL RELEASE MEASURES

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

Wear appropriate protective equipment. See section 8.

### Environmental precautions:

Prevent from entering sewers, waterways or low areas.

### Methods and materials for containment and cleaning up:

Isolate hazard area and restrict access. Small spills: soak up with inert absorbent material and scoop into containers. Large spills: prevent contamination of waterways. Dike and pump into suitable containers. Clean up residual with absorbent material, place in appropriate container and flush with water.

## 7. HANDLING AND STORAGE

### Precautions for safe handling:

Wash hands thoroughly after handling.

Avoid breathing dust, vapours or spray.

Use only outdoors or in a well-ventilated area.

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

Do not ingest. Avoid contact with eyes, skin and clothing.

### Conditions for safe storage, including any incompatibilities:

Store in a well-ventilated place. Keep cool.

Keep container tightly closed.

Store locked up.

Keep out of reach of children. Store in a cool, dry area.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Control parameters - Exposure limits:

Ingredient:

kerosene

Limit:

ACGIH TLV TWA: 200 mg/m<sup>3</sup>, 8 h

### Appropriate engineering controls:

Provide exhaust ventilation to keep airborne levels below recommended exposure limits.

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**Respiratory protection:**

If exposure exceeds occupational exposure limits, use an appropriate NIOSH approved respirator.

**Other protection:**

Wear protective gloves, protective clothing, and eye/face protection.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance (physical state, colour etc.):</b>	clear liquid
<b>Odour:</b>	hydrocarbon odour
<b>Odour threshold:</b>	not available
<b>pH:</b>	not available
<b>Melting/Freezing point:</b>	not available
<b>Initial boiling point and range:</b>	not available
<b>Flash point:</b>	38 C
<b>Evaporation rate:</b>	not available
<b>Flammability (solid, gas):</b>	not available
<b>Upper/lower flammability or explosive limits:</b>	not available
<b>Vapour pressure:</b>	not available
<b>Vapour density:</b>	not available
<b>Relative density (specific gravity):</b>	0.809
<b>Solubility(ies):</b>	insoluble
<b>Partition co-efficient: n-octanol/water:</b>	not available
<b>Auto-ignition temperature:</b>	not available
<b>Decomposition temperature:</b>	not available
<b>Viscosity:</b>	not available

## 10. STABILITY AND REACTIVITY

**Reactivity:**

This material is considered to be non-reactive under normal use conditions.

**Chemical stability:**

Stable.

**Possibility of hazardous reactions:**

not available

**Conditions to avoid (e.g.: static discharge, shock or vibration):**

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

**Incompatible materials:**

Oxidizers / Acid

**Hazardous decomposition products:**

not available

## 11. TOXICOLOGICAL INFORMATION

**POTENTIAL ACUTE HEALTH EFFECTS**

<b>Inhalation:</b>	May cause respiratory tract irritation.
<b>Ingestion:</b>	May be harmful if swallowed.
<b>Eye contact:</b>	May cause eye irritation.
<b>Skin contact:</b>	Causes skin irritation.
<b>Skin absorption:</b>	not available

**POTENTIAL CHRONIC HEALTH EFFECTS**

<b>Inhalation:</b>	not available
<b>Ingestion:</b>	not available
<b>Eye contact:</b>	not available
<b>Skin contact:</b>	not available
<b>Skin absorption:</b>	not available

**Mutagenicity:** not available

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**Carcinogenicity:** This information, if applicable, can be found in Section 2.  
**Reproductive toxicity:** This information, if applicable, can be found in Section 2.  
**Sensitization of product:** This information, if applicable, can be found in Section 2.  
**Specific Target Organ Toxicity - single exposure:** This information, if applicable, can be found in Section 2.  
**Specific Target Organ Toxicity - repeated exposure:** This information, if applicable, can be found in Section 2.

## Toxicological Data:

### Ingredient:

kerosene

### Data:

not available

## Other Toxicological Information on Ingredients:

not applicable

## 12. ECOLOGICAL INFORMATION

**Ecotoxicity (aquatic and terrestrial, where available):** not available  
**Persistence and degradability:** not available  
**Bioaccumulative potential:** not available  
**Mobility in soil:** not available  
**Other adverse effects:** not available  
**Ecological Information on Ingredients:** not available

## 13. DISPOSAL CONSIDERATIONS

**Waste disposal:** Disposal of all waste must be done according to local, provincial and federal regulations.

## 14. TRANSPORT INFORMATION

**TDG classification:** UN 1223; KEROSENE; CLASS 3; PG III

## 15. REGULATORY INFORMATION

This product has been classified in accordance with the hazard criteria of the Hazardous Products Regulations (HPR) and the SDS contains all the information required by the HPR.

## 16. PREPARATION INFORMATION

**Prepared by:** Technical Services Department, Ostrem Chemical Co. Ltd., Ph.: 780-440-1911

**Date of Preparation:** January 20, 2017

**Date of Revision:** January 20, 2017

This Safety Data Sheet may not be changed or altered in any way without the express knowledge and permission of Ostrem Chemical Co. Ltd.

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