

# Safety Data Sheet

## 1. IDENTIFICATION

**Product Identifier:** CITRO POWER O.V. **Date of Revision:** February 14, 2020  
**Product Code:** D333  
**Other Name(s):** not applicable  
**Distributed By:** not applicable  
**Recommended Use and Restrictions on Use:** not available  
**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:** Aspiration Hazard - Category 1  
Eye Damage/Irritation - Category 2A  
Flammable Liquids - Category 3  
Sensitization, Skin - Category 1  
Skin Corrosion/Irritation - Category 2

**Label Elements:**

Hazard Pictogram(s):



Signal Word: DANGER

**Hazard Statement(s):** May be fatal if swallowed and enters airways.  
Causes serious eye irritation.  
Flammable liquid and vapour.  
May cause an allergic skin reaction.  
Causes skin irritation.

**Precautionary Statement(s):**

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

**Response:** IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.  
If eye irritation persists: Get medical advice.  
IF ON SKIN: Take off immediately all contaminated clothing.  
Wash with plenty of water.  
If skin irritation occurs: Get medical advice.  
IF SWALLOWED: Immediately call a poison centre or physician.  
Do NOT induce vomiting.

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

**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>
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ethoxylated alcohol blend	5 - 10%	68439-46-3
dodecylbenzene isopropylamine sulfonate	1 - 5%	26264-05-1
trisodium nitrilotriacetate	1 - 5%	5064-31-3
triethanolamine	1 - 5%	102-71-6
d-limonene	10 - 30%	5989-27-5
decyl glucoside (50%)	5 - 10%	68515-73-1
glycol ether DB	3 - 7%	112-34-5

## 4. FIRST-AID MEASURES

### Necessary Measures:

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

If eye irritation persists: Get medical advice.

IF ON SKIN: Take off immediately all contaminated clothing.

Wash with plenty of water.

If skin irritation occurs: Get medical advice.

IF SWALLOWED: Immediately call a poison centre or physician.

Do NOT induce vomiting.

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

May be fatal if swallowed and enters airways.

Causes serious eye irritation.

Causes skin irritation.

### 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 oxides of carbon and nitrogen.

### 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.

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

Avoid breathing dust, vapours or spray.

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

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

Store locked up.

Store in a well-ventilated place. Keep cool.

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

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## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Control parameters - Exposure limits:

<u>Ingredient:</u>	<u>Limit:</u>
ethoxylated alcohol blend	not available
dodecylbenzene isopropylamine sulfonate	not available
trisodium nitrilotriacetate	not available
triethanolamine	ACGIH: 5 mg/m <sup>3</sup> TLV-TWA
d-limonene	TWA: 30 ppm
decyl glucoside (50%)	not available
glycol ether DB	not available

### Appropriate engineering controls:

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

### 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>	orange liquid
<b>Odour:</b>	citrus
<b>Odour threshold:</b>	not available
<b>pH:</b>	8.5-9.0
<b>Melting/Freezing point:</b>	not available
<b>Initial boiling point and range:</b>	not available
<b>Flash point:</b>	48 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>	1.000
<b>Solubility(ies):</b>	not available
<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

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**Inhalation:** May cause respiratory tract irritation.  
**Ingestion:** May be harmful if swallowed.  
**Eye contact:** Causes serious eye irritation.  
**Skin contact:** Causes skin irritation.  
**Skin absorption:** not available

## POTENTIAL CHRONIC HEALTH EFFECTS

**Inhalation:** not available  
**Ingestion:** not available  
**Eye contact:** not available  
**Skin contact:** not available  
**Skin absorption:** not available

**Mutagenicity:** not available  
**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:

<u>Ingredient:</u>	<u>Data:</u>
ethoxylated alcohol blend	Oral LD50: 1378 mg/kg (rat)
dodecylbenzene isopropylamine sulfonate	Oral LD50: 1300 mg/kg (rat)
trisodium nitrilotriacetate	Oral LD50: 1450 mg/kg (rat)
triethanolamine	Oral LD50: 4000 mg/kg (rat)
d-limonene	not available
decyl glucoside (50%)	not available
glycol ether DB	not available

## Other Toxicological Information on Ingredients:

trisodium nitrilotriacetate  
Suspected of causing cancer.

## 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:** NON-REGULATED

## 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:** April 10, 2019  
**Date of Revision:** February 14, 2020

# Safety Data Sheet

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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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