

# Safety Data Sheet

## 1. IDENTIFICATION

**Product Identifier:** DL-50 MACHINE DISHWASH **Date of Revision:** N  
**Product Code:** J410  
**Other Name(s):** DWD-300  
**Distributed By:** HADDON HOLDINGS LIMITED  
**Recommended Use and Restrictions on Use:** not available  
**Manufactured By:** Ostrem Chemical Co. Ltd. **Phone/Emergency F**  
2310 - 80th Avenue NW **780-440-1911**  
Edmonton, Alberta, Canada T6P 1N2 **Mon. - Fri. 8:00am -**  
www.ostrem.com

## 2. HAZARDS IDENTIFICATION

**Classification of the Mixture:** Acute Toxicity, Inhalation - Category 4  
Carcinogenicity - Category 2  
Serious Eye Damage/Irritation - Category 1  
Skin Corrosion/Irritation - Category 2

**Label Elements:**

Hazard Pictogram(s):



**Signal Word:** DANGER

**Hazard Statement(s):** Harmful if inhaled.  
Suspected of causing cancer.  
Causes serious eye damage.  
Causes skin irritation.

**Precautionary Statement(s):**

**Prevention:** Wash hands thoroughly after handling.  
Avoid breathing dust, vapours or spray.  
Use only outdoors or in a well-ventilated area.  
Obtain special instructions before use.  
Do not handle until all safety precautions have been read and understood.  
Wear protective gloves, protective clothing and eye/face protection.

**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 exposed or concerned: Get medical advice.

**Storage:** Store locked up.

**Disposal:** Dispose of contents/container in accordance with local/regional/national/inten

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

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

<u>Chemical Name</u>	<u>Conc. w/w</u>	<u>CAS #</u>	<u>Common I</u>
troclosene sodium, dihydrate (56%)	1 - 5%	51580-86-0	sodium di dihydrate
trisodium nitrilotriacetate	30 - 60%	5064-31-3	NTA

sodium metasilicate (58%)  
aromatic hydrocarbons

10 - 30%  
1 - 5%

6834-92-0  
1258274-08-6

## 4. FIRST-AID MEASURES

### 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 exposed or concerned: Get medical advice.

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

Harmful if inhaled.

Suspected of causing cancer.

Causes serious eye damage.

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, nitrogen, sodium and chlorine.

### Special protective equipment and precautions for firefighters:

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

## 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 sc

Large spills: prevent contamination of waterways. Dike and pump into suitable containers. Clean

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.

Obtain special instructions before use.

Do not handle until all safety precautions have been read and understood.

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

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

Store locked up.

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

**8. EXPOSURE CONTROLS/PERSONAL PROTECTION****Control parameters - Exposure limits:**

<u>Ingredient:</u>	<u>Limit:</u>
troclosene sodium, dihydrate (56%)	not available
trisodium nitrilotriacetate	not available
sodium metasilicate (58%)	not available
aromatic hydrocarbons	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>	white granular powder
<b>Odour:</b>	chlorine odour
<b>Odour threshold:</b>	not available
<b>pH:</b>	1% sol. 11.4
<b>Melting/Freezing point:</b>	not available
<b>Initial boiling point and range:</b>	not available
<b>Flash point:</b>	not applicable
<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>	10%
<b>Partition coefficient: 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:**

Reacts with acids, aluminum, fluorine, lithium, strong mineral acids

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

not applicable

**Incompatible materials:**

Oxidizers / Acid

**Hazardous decomposition products:**

not available

**11. TOXICOLOGICAL INFORMATION****POTENTIAL ACUTE HEALTH EFFECTS**

**Inhalation:** Harmful if inhaled.

**Ingestion:** May be harmful if swallowed.  
**Eye contact:** Causes serious eye damage.  
**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 the SDS.  
**Reproductive toxicity:** This information, if applicable, can be found in the SDS.  
**Sensitization of product:** This information, if applicable, can be found in the SDS.  
**Specific Target Organ Toxicity - single exposure:** This information, if applicable, can be found in the SDS.  
**Specific Target Organ Toxicity - repeated exposure:** This information, if applicable, can be found in the SDS.

#### **Toxicological Data:**

##### Ingredient:

troclosene sodium, dihydrate (56%)

trisodium nitrilotriacetate

sodium metasilicate (58%)

aromatic hydrocarbons

##### Data:

Oral LD50: 1355 mg/kg (rat)

Inhalation LC50: 0.27-1.17 mg/L 4h (rat)

Oral LD50: 1450 mg/kg (rat)

Oral LD50: 1153 mg/kg (rat)

not available

#### **Other Toxicological Information on Ingredients:**

## **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 Regulation. 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:** March 09, 2023

**Date of Revision:** March 09, 2023

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

**End of Document**

DWD-300

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March 09, 2023

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