

# Safety Data Sheet

## 1. IDENTIFICATION

**Product Identifier:** HOT TANK CLEANER (ALUMINUM)  
**Product Code:** I322  
**Other Name(s):** not applicable  
**Distributed By:** not applicable  
**Recommended Use and Restrictions on Use:** not available

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

**Manufactured By:** Ostrem Chemical Co. Ltd.  
2310 - 80th Avenue NW  
Edmonton, Alberta, Canada T6P 1N2  
www.ostrem.com

**Phone/Emergency Phone:**  
780-440-1911  
Mon. - Fri. 8:00am - 4:30pm MT

## 2. HAZARDS IDENTIFICATION

**Classification of the Mixture:** 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):** Suspected of causing cancer.  
Causes serious eye damage.  
Causes skin irritation.

**Precautionary Statement(s):**

**Prevention:** Wash hands thoroughly after handling.  
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 exposed or concerned: Get medical advice.

**Storage:** 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. w/w</u>	<u>CAS #</u>	<u>Common Names</u>
trisodium nitrilotriacetate	10 - 30%	5064-31-3	NTA
sodium metasilicate (58%)	15 - 40%	6834-92-0	

## 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 exposed or concerned: Get medical advice.

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## Most important symptoms, both acute and delayed:

- 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 carbon monoxide, carbon dioxide and oxides of sodium.

### 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.
- 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>
trisodium nitrilotriacetate	not available
sodium metasilicate (58%)	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>	no odour
<b>Odour threshold:</b>	not available
<b>pH:</b>	1% sol. 11.4
<b>Melting/Freezing point:</b>	not available

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<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 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:

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:** May cause respiratory tract irritation.

**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 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:

trisodium nitrilotriacetate

sodium metasilicate (58%)

#### Data:

Oral LD50: 1450 mg/kg (rat)

Oral LD50: 1153 mg/kg (rat)

### Other Toxicological Information on Ingredients:

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## 12. ECOLOGICAL INFORMATION

<b>Ecotoxicity (aquatic and terrestrial, where available):</b>	not available
<b>Persistence and degradability:</b>	not available
<b>Bioaccumulative potential:</b>	not available
<b>Mobility in soil:</b>	not available
<b>Other adverse effects:</b>	not available
<b>Ecological Information on Ingredients:</b>	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:** 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 permission of Ostrem Chemical Co. Ltd.

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