

# Safety Data Sheet

## 1. IDENTIFICATION

**Product Identifier:** LIQUID PARTS WASH **Date of Revision:** March 09, 2023  
**Product Code:** I325  
**Other Name(s):** not applicable  
**Distributed By:** not applicable  
**Recommended Use and Restrictions on Use:** WATER SOLUBLE DEGREASER FOR PARTS WASHERS  
**Manufactured By:** Ostrem Chemical Co. Ltd. **Phone/Emergency Phone:**  
2310 - 80th Avenue NW 780-440-1911  
Edmonton, Alberta, Canada T6P 1N2 Mon. - Fri. 8:00am - 4:30pm MT  
www.ostrem.com

## 2. HAZARDS IDENTIFICATION

**Classification of the Mixture:** Carcinogenicity - Category 2  
Serious Eye Damage/Irritation - Category 1  
Flammable Liquids - Category 4  
Skin Corrosion/Irritation - Category 2

**Label Elements:**

Hazard Pictogram(s):



Signal Word: DANGER

**Hazard Statement(s):** Suspected of causing cancer.  
Causes serious eye damage.  
Combustible liquid.  
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.  
Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.  
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.  
Store in a well-ventilated place.

**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	5 - 10%	5064-31-3	NTA
sodium metasilicate	5 - 10%	6834-92-0	
diethylene glycol monoethyl ether	7 - 13%	111-90-0	
glycol ether DB	5 - 10%	112-34-5	

## 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 exposed or concerned: Get medical advice.

## 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 oxides of carbon, nitrogen and silicon.

### 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.  
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 locked up.  
Store in a well-ventilated place.  
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	not available
diethylene glycol monoethyl ether	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.

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## Other protection:

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

## 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance (physical state, colour etc.):	clear and colorless liquid
Odour:	butyl
Odour threshold:	not available
pH:	12.0 - 13.0
Melting/Freezing point:	not available
Initial boiling point and range:	not available
Flash point:	>80 C
Evaporation rate:	not available
Flammability (solid, gas):	not available
Upper/lower flammability or explosive limits:	not available
Vapour pressure:	not available
Vapour density:	not available
Relative density (specific gravity):	1.079
Solubility(ies):	100%
Partition co-efficient: n-octanol/water:	not available
Auto-ignition temperature:	not available
Decomposition temperature:	not available
Viscosity:	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

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.

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**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  
diethylene glycol monoethyl ether  
glycol ether DB

### Data:

Oral LD50: 1450 mg/kg (rat)  
Oral LD50: 1153 mg/kg (rat)  
not available  
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:** UN 1760; CORROSIVE LIQUID, N.O.S. (DISODIUM TRIOXOSILICATE); CLASS 8; 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:** 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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