

Safety Data Sheet

1. IDENTIFICATION

Product Identifier: D-STAIN **Date of Revision:** N
Product Code: J477
Other Name(s): not applicable
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, Oral - Category 4
Carcinogenicity - Category 2
Corrosive to Metals - Category 1
Eye Damage/Irritation - Category 2A
Oxidizing Solids - Category 3
Skin Corrosion/Irritation - Category 2

Label Elements:

Hazard Pictogram(s):



Signal Word: WARNING

Hazard Statement(s): Harmful if swallowed.
Suspected of causing cancer.
May be corrosive to metals.
Causes serious eye irritation.
May intensify fire; oxidizer.
Causes skin irritation.

Precautionary Statement(s):

Prevention: Wash hands thoroughly after handling.
Do not eat, drink or smoke when using this product.
Obtain special instructions before use.
Do not handle until all safety precautions have been read and understood.
Keep only in original packaging.
Keep away from heat, hot surfaces, sparks, open flames and other ignition sources.
Keep away from clothing and other combustible materials.
Wear protective gloves, protective clothing, and eye/face protection.

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: Wash with plenty of water.
If skin irritation occurs: Get medical advice.
Take off contaminated clothing and wash it before reuse.
IF SWALLOWED: Call a poison centre or physician if you feel unwell.
Rinse mouth.
If exposed or concerned: Get medical advice.
Absorb spillage to prevent material-damage.

Storage: Store locked up.
Store in a corrosion resistant container with a resistant inner liner.

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 Name</u>
trisodium nitrilotriacetate	10 - 30%	5064-31-3	NTA
sodium metasilicate	10 - 30%	6834-92-0	
sodium percarbonate	30 - 60%	15630-89-4	

4. FIRST-AID MEASURES

Necessary Measures:

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and continue rinsing.
If eye irritation persists: Get medical advice.
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 SWALLOWED: Call a poison centre or physician if you feel unwell.
Rinse mouth.
If exposed or concerned: Get medical advice.
Absorb spillage to prevent material-damage.

Most important symptoms, both acute and delayed:

Harmful if swallowed.
Suspected of causing cancer.
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 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 apparatus.

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.

Do not eat, drink or smoke when using this product.

Obtain special instructions before use.

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

Keep only in original packaging.

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

Keep away from clothing and other combustible materials.

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

Conditions for safe storage, including any incompatibilities:

Store locked up.

Store in a corrosion resistant container with a resistant inner liner.

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

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters - Exposure limits:

Ingredient:

trisodium nitrilotriacetate

sodium metasilicate

sodium percarbonate

Limit:

not available

not available

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

Appearance (physical state, colour etc.):

white granular powder

Odour:

not available

Odour threshold:

not available

pH:

1% sol. 11.3

Melting/Freezing point:

not available

Initial boiling point and range:

not available

Flash point:

not applicable

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):

1.000

Solubility(ies):

10%

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:

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

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:	In case of prolonged exposure, risk of sore throat, nose bleeds and chronic bronchitis. High concentrations may cause cough. Slight nose and throat irritation.
Ingestion:	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 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:

trisodium nitrilotriacetate
sodium metasilicate
sodium percarbonate

Data:

Oral LD50: 1450 mg/kg (rat)
Oral LD50: 1153 mg/kg (rat)
Oral LD50: 1034 mg/kg (rat)

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 1479; OXIDIZING SOLID, N.O.S. (SODIUM CARBONATE PEROXYHYDR

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.: 780-440-191

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

D-STAIN



March 09, 2023

Phone:

4:30pm MT



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