

# Safety Data Sheet

## 1. IDENTIFICATION

**Product Identifier:** BUG OUT  
**Product Code:** A274  
**Other Name(s):**

**Date of Revision:** January 10, 2017

**Recommended Use and Restrictions on Use:** pine detergent

**Distributed By:** Halabi Chemicals Ltd.  
127 Ozerna Rd NW  
Edmonton, Alberta, Canada T5Z 2Z4  
www.halabichemicals.ca

Phone: 780-473-2608  
In Case of Emergency Only, Phone  
CANUTEC: 613-996-6666

## 2. HAZARDS IDENTIFICATION

**Classification of the Mixture:** Eye Damage/Irritation - Category 2B

**Label Elements:**

**Hazard Pictogram(s):** not applicable

**Signal Word:** WARNING

**Hazard Statement(s):** Causes eye irritation.

**Precautionary Statement(s):**

**Prevention:** Wash hands thoroughly after handling.

**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.

**Storage:** not applicable

**Disposal:** not applicable

**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>
trisodium nitrilotriacetate	2.0%	5064-31-3	

## 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.

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

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

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

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

**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:**

not applicable

**9. PHYSICAL AND CHEMICAL PROPERTIES**

<b>Appearance (physical state, colour etc.):</b>	Green, viscous liquid
<b>Odour:</b>	pine odour
<b>Odour threshold:</b>	not available
<b>pH:</b>	1% sol.: 8.3
<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>	1.022
<b>Solubility(ies):</b>	complete
<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):**

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 eye irritation.  
**Skin contact:** May cause mild 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  
Data: Oral LD50: 1450 mg/kg (rat)

**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, Halabi Chemicals Ltd., Ph.: 780-473-2608  
**Date of Preparation:** January 10, 2017  
**Date of Revision:** January 10, 2017

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