

# Safety Data Sheet

## 1. IDENTIFICATION

**Product Identifier:** ALL PURPOSE DEGREASER  
**Product Code:** not applicable  
**Other Name(s):** not applicable  
**Distributed By:** not applicable  
**Recommended Use and Restrictions on Use:** cleaner

**Date of Revision:** January 22, 2021

**Manufactured By:** MB Solutions  
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**In Case of Emergency Only, Phone**  
**CANUTEC: 613-996-6666**  
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## 2. HAZARDS IDENTIFICATION

**Classification of the Mixture:** Eye Damage/Irritation - Category 2A  
Skin Corrosion/Irritation - Category 2

**Label Elements:**

**Hazard Pictogram(s):**



**Signal Word:** WARNING

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

**Precautionary Statement(s):**

**Prevention:** Wash hands thoroughly after handling.  
Wear protective gloves and eye 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.

**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>
potassium hydroxide (45%)	3 - 7%	1310-58-3	caustic potash, lye
trisodium nitrilotriacetate	3 - 7%	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.  
IF ON SKIN: Wash with plenty of water.  
If skin irritation occurs: Get medical advice.  
Take off contaminated clothing and wash it before reuse.

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

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 and carbon dioxide.

### 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:

#### Ingredient:

potassium hydroxide (45%)

trisodium nitrilotriacetate

#### Limit:

ACGIH Ceiling: 2 mg/m<sup>3</sup>

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 and eye protection.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance (physical state, colour etc.):	orange liquid
Odour:	no odour
Odour threshold:	not available
pH:	12.4
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):	1.044
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):**

not applicable

**Incompatible materials:**

Oxidizers / Acid

**Hazardous decomposition products:**

not available

**11. TOXICOLOGICAL INFORMATION****POTENTIAL ACUTE HEALTH EFFECTS****Inhalation:** Inhalation of mist may cause damage to nasal and respiratory passages. Irritation may lead to chemical pneumonitis and pulmonary edema.**Ingestion:** May be 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 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:

potassium hydroxide (45%)

trisodium nitrilotriacetate

Data:

Oral LD50: 273 mg/kg (rat)

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:** MB Solutions, Ph.: 403-618-1971**Date of Preparation:** January 22, 2021

**Date of Revision:** January 22, 2021

This Safety Data Sheet may not be changed or altered in any way without the express knowledge and permission of MB Solutions.

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