

# SAFETY DATA SHEET



Version 0.0      Revision Date: 12/03/2020      SDS Number: 600000002388      Date of last issue: -  
Date of first issue: 12/03/2020

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## SECTION 1. IDENTIFICATION

Product name : Klean Tunnel - KT100

### Manufacturer or supplier's details

Company name of supplier : Niteo Products, LLC  
Address : Dallas TX 75225  
Email Address : EHS@niteoproducts.com  
Telephone : 1-844-696-4836  
Emergency telephone number : 1-800-424-9300 / 1-703-741-5970

### Recommended use of the chemical and restrictions on use

Recommended use : CLEANER

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## SECTION 2. HAZARDS IDENTIFICATION

### GHS classification in accordance with 29 CFR 1910.1200

Corrosive to metals : Category 1  
Serious eye damage : Category 1  
Skin sensitisation : Category 1  
Specific target organ toxicity - repeated exposure (Inhalation) : Category 2 (Respiratory Tract)

### GHS label elements

Hazard pictograms : 

Signal word : Danger

Hazard statements : May be corrosive to metals.  
May cause an allergic skin reaction.  
Causes serious eye damage.  
May cause damage to organs (Respiratory Tract) through prolonged or repeated exposure if inhaled.

Precautionary statements : **Prevention:**  
Keep only in original container.  
Do not breathe dust/ fume/ gas/ mist/ vapours/ spray.  
Contaminated work clothing should not be allowed out of the workplace.  
Wear protective gloves/ eye protection/ face protection.  
**Response:**  
IF ON SKIN: Wash with plenty of soap and water.

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# SAFETY DATA SHEET



Version 0.0      Revision Date: 12/03/2020      SDS Number: 600000002388      Date of last issue: -  
Date of first issue: 12/03/2020

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER/doctor. Get medical advice/ attention if you feel unwell. If skin irritation or rash occurs: Get medical advice/ attention. Wash contaminated clothing before reuse. Absorb spillage to prevent material damage.

#### Storage:

Store in corrosive resistant container with a resistant inner liner.

#### Disposal:

Dispose of contents/ container to an approved waste disposal plant.

#### Other hazards

None known.

### SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance / Mixture : Mixture

#### Hazardous components

Chemical name	CAS-No.	Concentration (% w/w)
Hydrochloric acid	7647-01-0	>= 5 - < 10
Oxalic acid	144-62-7	>= 3 - < 5
Tetrasodium EDTA	64-02-8	>= 1 - < 5
Disodium Cocoampho Dipropionate	68604-71-7	>= 0.1 - < 1

Any concentration shown as a range is to protect confidentiality or is due to batch variation.

### SECTION 4. FIRST AID MEASURES

Most important symptoms and effects, both acute and delayed : May cause an allergic skin reaction. Causes serious eye damage. May cause damage to organs through prolonged or repeated exposure if inhaled.

### SECTION 5. FIREFIGHTING MEASURES

Hazardous combustion products : Carbon oxides  
Nitrogen oxides (NOx)

### SECTION 6. ACCIDENTAL RELEASE MEASURES

### SECTION 7. HANDLING AND STORAGE

### SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

#### Components with workplace control parameters

Components	CAS-No.	Value type (Form of exposure)	Control parameters / Permissible concentration	Basis

# SAFETY DATA SHEET



Version 0.0      Revision Date: 12/03/2020      SDS Number: 600000002388      Date of last issue: -  
Date of first issue: 12/03/2020

Hydrochloric acid	7647-01-0	C	2 ppm	ACGIH
		C	5 ppm 7 mg/m3	NIOSH REL
		C	5 ppm 7 mg/m3	OSHA Z-1
		C	5 ppm 7 mg/m3	OSHA P0
Oxalic acid	144-62-7	TWA	1 mg/m3	ACGIH
		STEL	2 mg/m3	ACGIH
		TWA	1 mg/m3	NIOSH REL
		ST	2 mg/m3	NIOSH REL
		TWA	1 mg/m3	OSHA Z-1
		TWA	1 mg/m3	OSHA P0
		STEL	2 mg/m3	OSHA P0

### Hazardous components without workplace control parameters

Components	CAS-No.
Tetrasodium EDTA	64-02-8
Disodium Cocoampho Di-propionate	68604-71-7

## SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance : liquid  
Colour : clear, light yellow  
Odour : No data available  
Odour Threshold : No data available  
  
pH : < 1  
  
Melting point/range : No data available  
  
Boiling point/boiling range : No data available  
Flash point : > 200 °C  
Expected based on components.  
  
Evaporation rate : No data available  
  
Self-ignition : No data available  
  
Upper explosion limit / Upper flammability limit : No data available  
  
Lower explosion limit / Lower flammability limit : No data available  
  
Vapour pressure : No data available  
  
Density : No data available  
  
Solubility(ies)  
Solubility in other solvents : soluble  
  
Viscosity  
Viscosity, kinematic : No data available



# SAFETY DATA SHEET



Version	Revision Date:	SDS Number:	Date of last issue: -
0.0	12/03/2020	600000002388	Date of first issue: 12/03/2020

---

Result: Corrosive after 4 hours or less of exposure

**Oxalic acid:**

Species: Rabbit  
Method: OECD Test Guideline 404  
Result: No skin irritation

**Tetrasodium EDTA:**

Species: Rabbit  
Result: No skin irritation

**Serious eye damage/eye irritation**

Causes serious eye damage.

**Components:**

**Hydrochloric acid:**

Species: Rabbit  
Result: Irreversible effects on the eye  
Method: OECD Test Guideline 405

**Oxalic acid:**

Result: Irreversible effects on the eye

**Tetrasodium EDTA:**

Result: Irritating to eyes.

**Disodium Cocoampho Dipropionate:**

Result: Irritating to eyes.

**Respiratory or skin sensitisation**

**Skin sensitisation**

May cause an allergic skin reaction.

**Respiratory sensitisation**

Not classified based on available information.

**Components:**

**Hydrochloric acid:**

Test Type: Maximisation Test  
Species: Guinea pig  
Assessment: Did not cause sensitisation on laboratory animals.  
Method: OECD Test Guideline 406

**Tetrasodium EDTA:**

Test Type: Maximisation Test  
Species: Guinea pig  
Assessment: Does not cause skin sensitisation.  
Method: OECD Test Guideline 406  
Remarks: Information given is based on data obtained from similar substances.



# SAFETY DATA SHEET



Version 0.0      Revision Date: 12/03/2020      SDS Number: 600000002388      Date of last issue: -  
Date of first issue: 12/03/2020

---

## **STOT - repeated exposure**

May cause damage to organs (Respiratory Tract) through prolonged or repeated exposure if inhaled.

## **Components:**

### **Tetrasodium EDTA:**

Exposure routes: Inhalation

Target Organs: Respiratory Tract

Assessment: The substance or mixture is classified as specific target organ toxicant, repeated exposure, category 2.

### **Aspiration toxicity**

Not classified based on available information.

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## **SECTION 12. ECOLOGICAL INFORMATION**

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## **SECTION 13. DISPOSAL CONSIDERATIONS**

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### **Disposal methods**

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## **SECTION 14. TRANSPORT INFORMATION**

Dangerous goods descriptions (if indicated below) may not reflect quantity, end-use, or region-specific exceptions that can be applied. Consult shipping documents for descriptions that are specific to the shipment.

### **International Regulations**

#### **IATA-DGR**

UN/ID No. : UN 1760  
Proper shipping name : Corrosive liquid, n.o.s.  
(Hydrochloric acid, Oxalic Acid)  
Class : 8  
Packing group : II  
Labels : 8  
Packing instruction (cargo aircraft) : 855  
Packing instruction (passenger aircraft) : 851

#### **IMDG-Code**

UN number : UN 1760  
Proper shipping name : CORROSIVE LIQUID, N.O.S.  
(Hydrochloric acid, Oxalic Acid)  
Class : 8  
Packing group : II  
Labels : 8  
EmS Code : F-A, S-B  
Marine pollutant : no

### **Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code**

Not applicable for product as supplied.

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# SAFETY DATA SHEET



Version 0.0      Revision Date: 12/03/2020      SDS Number: 600000002388      Date of last issue: -  
Date of first issue: 12/03/2020

## National Regulations

### 49 CFR

UN/ID/NA number : UN 1760  
Proper shipping name : Corrosive liquids, n.o.s.  
(Hydrochloric acid, Oxalic Acid)  
Class : 8  
Packing group : II  
Labels : 8  
ERG Code : 154  
Marine pollutant : no

## SECTION 15. REGULATORY INFORMATION

### EPCRA - Emergency Planning and Community Right-to-Know Act

#### CERCLA Reportable Quantity

Components	CAS-No.	Component RQ (lbs)	Calculated product RQ (lbs)
Methanol	67-56-1	100	100 (F003)
Hydrochloric acid	7647-01-0	5000	*

\*: Calculated RQ exceeds reasonably attainable upper limit.

#### SARA 304 Extremely Hazardous Substances Reportable Quantity

Components	CAS-No.	Component RQ (lbs)	Calculated product RQ (lbs)
Hydrochloric acid	7647-01-0	5000	*

\*: Calculated RQ exceeds reasonably attainable upper limit.

#### SARA 302 Extremely Hazardous Substances Threshold Planning Quantity

Components	CAS-No.	Component TPQ (lbs)
Hydrochloric acid	7647-01-0	500

**SARA 311/312 Hazards** : Corrosive to metals  
Serious eye damage or eye irritation  
Respiratory or skin sensitisation  
Specific target organ toxicity (single or repeated exposure)

**SARA 313** : The following components are subject to reporting levels established by SARA Title III, Section 313:

Hydrochloric acid      7647-01-0      >= 5 - < 10 %

### California Prop. 65

WARNING: This product can expose you to chemicals including Formaldehyde, Dichloroacetic acid, which is/are known to the State of California to cause cancer, and Methanol, Dichloroacetic acid, which is/are known to the State of California to cause birth defects or other reproductive harm. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).



# SAFETY DATA SHEET

Version  
0.0

Revision Date:  
12/03/2020

SDS Number:  
600000002388

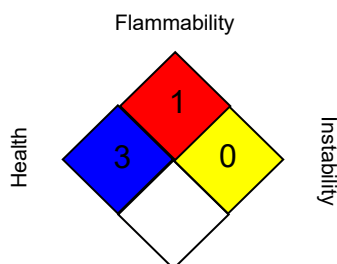
Date of last issue: -  
Date of first issue: 12/03/2020

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## SECTION 16. OTHER INFORMATION

### Further information

#### NFPA:



Special hazard.

Revision Date : 12/03/2020

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