

# Safety Data Sheet

## Section 1. Chemical Product and Company Identification

### 1.1. Product Identification

Trade name : CL-40

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

Recommended use : Abrasive Glass Cleaner ,

### 1.3. Details of the supplier of the safety data sheet

Company : Nanovations Pty Ltd  
 8 Tilley Lane  
 Frenchs Forest NSW 2086  
 Telephone: +61 (0)2 9975 5602

Email : [info@nanovations.com.au](mailto:info@nanovations.com.au)

### 1.4. Emergency telephone number

Emergency information : Phone Number: +61 (0)2 9975 5602  
 CHEMTREC US: 1-800-424-9300,  
 CHEMTREC WORLD:1-703-527-3887.

## Section 2. Hazard Identification

### 2.1. Classification of the substance or mixture

#### Classification according to Regulation 29CFR 1910.1200

Causes eye irritation	Category 2A	H320
Skin irritation	Category 3	H316

### 2.2. Label elements

Symbol(s) :



Signal word : Warning

hazard statement : H316 - Causes mild skin irritation.  
 H320 - Causes eye irritation.

Precautionary Statement (Prevention) : P260 - Do not breathe dust  
 P264a - Wash skin thoroughly after handling.  
 P280 - Wear protective gloves and eye protection.

Precautionary Statement (Response) : P302 IF ON SKIN: Wash with plenty of water/ soap.  
 P305 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

General Precautionary P102 - Keep out of reach of children

### 2.3. Other hazards

None known

### Section 3. Composition, Information on Ingredients

#### 3.1. Substances Classification

Chemical Name	CAS	Concentration
Amorphous and crystalline silica	7631-86-9	20 -30 %
Citric Acid	102782-97-8	1 -2 %
Non hazardous	7732-18-5.	to 100 %

### Section 4. First Aid Measures

#### 4.1. Description of first aid measures

- General advice : Remove contaminated clothing.
- Inhalation : No special firstaid measures required.
- Skin contact : Wash off with soap and water.
- Eye contact : Flush eye(s) for 15 minutes or more; if irritation persists, consult a physician and show SDS.
- Ingestion : If swallowed, rinse mouth seek medical attention and show SDS.

#### 4.2. Most important symptoms and effects, both acute and delayed

- Symptoms : No information is on file to date regarding acute and/or delayed post-exposure s symptoms and effects.

#### 4.3. Indication of any immediate medical attention and special treatment need

Treat symptomatically.

### Section 5. Fire Fighting Measures

#### 5.1. Extinguishing media

Suitable extinguishing media : foam, carbon dioxide, dry powder, water spray.

Unsuitable media : Not applicable

#### 5.2. Special hazards arising from the substance or mixture

In the event of fire the following can be released:

- carbon dioxide, carbon monoxide
- Silicon dioxide

#### 5.3. Advice for firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, (MSHA/NIOSH approved or equivalent) and full protective gear.

### Section 6. Accidental Release Measures

#### 6.1. Personal precautions, protective equipment and emergency procedures

Use personal protective equipment.

#### 6.2. Environmental precautions

Do not allow to enter drains or waterways  
Do not discharge into the subsoil/soil.

#### 6.3. Methods and material for containment and cleaning up

Take up with absorbent material (e.g. sand, , universal binder) Dispose of absorbed material in accordance with the regulations.

### Section 7. Handling and Storage

#### 7.1. Precautions for safe handling

- Advice on safe handling : Ensure adequate ventilation.
- Handling : no data available
- Hygiene measures : No smoking, eating or drinking allowed when using this product. Wash hands before breaks and at end of work shift.  
Remove soiled or soaked clothing
- General protective measures : no data available

#### 7.2. Conditions for safe storage

- Information : Suitable for any general chemical storage area. Protect from freezing.
- Further information on storage conditions : Storage: cool and dry  
Keep container tightly closed

### Section 8. Exposure Controls, Personal Protection

#### 8.1.

**Engineering Controls:** If user operations generate dust, fume or mist, use ventilation to avoid exposure to airborne contaminants.

**Personal Protection:** Safety glasses. . Gloves., Dust mask if dust is generated , and work place is not ventilated. Splash goggles. Dust mask. Boots. Gloves.

**Respiratory Protection:** Not usually required when using wet product. If dust is generated from dried

product, an approved particulate respirator conforming to Australian standards AS/NZS 1715 and 1716 should be worn, particularly if working in an area without good natural ventilation.

**Skin Protection:** Wear rubber gloves

**Eye protection :** Safety spectacles should be worn if a risk of eye contact exists.

#### Exposure Limits:

Calcium carbonate: TWA - 10 mg/m3 measured as inspirable dust

Total dust (of any type, or particle size): TWA - 10 mg/m3

Silica :TWA: 6 (mg/m3) [United Kingdom (UK)] Inhalation Total. TWA: 2.4 (mg/m3) [United Kingdom (UK)] Inhalation Respirable.

TWA: 6 (mg/m3) from NIOSH [United States] [1997] Inhalation TWA: 2 (mg/m3) [Australia] Inhalation Respirable. Consult local authorities for acceptable exposure limits..

### Section 9. Physical and Chemical Properties

#### 9.1. Information on basic physical and chemical properties

Appearance	Yellowish beige	Odor	Characteristic near odourless
PHYSICAL STATE:	Liquid	pH as supplied:	~ 2.5
BOILING POINT F: C:	N/A N/A	MELTING POINT F: C:	N/A
VAPOR PRESSURE (mmHg):	N/A	VAPOR DENSITY (AIR = 1):	N/A
VOLATILE ORGANIC COMPOUNDS (VOC):	0 g / kg	MOLECULAR WEIGHT: VISCOSITY:	N/A
DENSITY (H2O = 1):	1.25 g – 1.3 / cm3 (20 °C)	<b>Flashpoint</b>	<b>F: N/A Not flammable C: N/A</b>
EVAPORATION RATE:	N/A	Water soluble	yes

**Section 10. Stability and Reactivity****10.1. Reactivity**

Product does not react under normal conditions

**10.2. Chemical stability**

The product is stable under normal conditions

**10.3. Possibility of hazardous reactions**

No hazardous reactions with proper storage and handling.

**10.4. Conditions to avoid**

None

**10.5. Incompatible materials**

Unknown

**10.6. Hazardous decomposition products**

None with proper storage and handling.

**Section 11. Toxicological Information****11.1. Information on toxicological effects**

Acute toxicity (oral) : no data available

The categorization has been made according to the method of calculation of the Preparations Directive number 1999/45/EC. The product as such has not been tested. According to the producers experiences no hazards other than categorized have to be expected.

**Additional information**

A prolonged and repeated exposure to the product may cause a loss of moisture from the skin and may cause non-allergic skin irritation. Splashes of the product may cause irritations to the eyes.

**Section 12. Ecological Information****12.1. Ecotoxicology Assessment**

Acute aquatic toxicity : No data available

Chronic aquatic toxicity : This material is not expected to be harmful to aquatic life.

**12.2. Persistence and degradability**

Photo degradation : no data available

Biological degradability : This product is readily biodegradable

**12.3. Bio accumulative potential**

Bioaccumulation : no data available

**12.4. Other adverse effects**

General Information : Prevent from entering sewer or waterway.

**Section 13. Disposal Considerations****13.1. Waste treatment methods**

Product : In accordance with local authority regulations.

Contaminated packaging : If empty contaminated containers are recycled or disposed of, the receiver must be informed about possible hazards

**Section 14. Transport Information**

**Not dangerous according to transport regulations.**

14.1 UN number:	--
14.2 UN proper shipping name:	--
14.3 Transport hazard class	--
14.4 Packing group:	--
14.5 Environmental hazards:	--
14.6 Special precautions for user:	No

  

Road transport: DOT (ADR/RID)	Not regulated
Sea transport:	IMDG Not regulated,
Air transport IATA:	Not regulated

**Section 15. Regulatory Information**

Other regulations	: CTFA: complies
State Right to Know	: No components subject to "Right-To-Know" legislation in the following States: NJ, PA, MA and RI SARA 313: This product contains no SARA Title III, Section 313 listed chemicals.
California Proposition 65 Statement	: Notification : No This product does not contain any substance(s) which are defined by the state of California to cause cancer, birth defects, or other reproductive effects.
HMS Ratings	Health: 2 Flammability: 0 Reactivity: 0 Personal Protection: X
<b>Notification status</b>	
USA (TSCA)	: listed/registered or exempted
<b>Other Regulations</b>	AUSTRALIAN INVENTORY (AICS): Listed on inventory. CANADA INVENTORY (DSL): Listed on inventory. CHINA INVENTORY (IECS): Listed on inventory. EC INVENTORY (EINECS/ELINCS): Listed on inventory. JAPAN INVENTORY (ENCS): Listed on inventory. KOREA INVENTORY (ECL): Listed on inventory

**Section 16. Other Information**

**To the best of our knowledge, the information contained herein is accurate. However, neither the above named supplier nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.**