

## ASC ALL SURFACE CLEANER

### SECTION 01: IDENTIFICATION

**Product Name:** ASC All Surface Cleaner

**Product Form:** Liquid Mixture

**Other Means of Identifications:** Concrete, Asphalt, Wood and Plastic Cleaner

**Recommended Use:** Ideal for cleaning automobiles, driveways, shop floors, countertops, appliances, tiles and other surfaces.

**Restriction on Use:** Not Known

**Manufacturer's Name:** CBR Products

**Supplier's Name:** CBR Products, 876 Cordova Diversion, Vancouver, BC V6A 3R3, Canada

**Phone Number of Preparer:** Local 1-604 254-3325

**Emergency Telephone Number:** Toll-free 1-888-311-5339

### SECTION 02: HAZARD INGREDIENT

**GHS Classification (GHS Canada)**

**Skin Corrosion/Irritation** Category 1B

**Serious Eye Damage/Eye Irritation** Category 1

**Specific Target Organ Toxicity,  
Single Exposure, Respiratory Tract Irritation** Category 3

**Physical Hazards** No Known Physical Hazards

**GHS Label Elements, Including Precautionary Statements**

**Hazard Pictograms**



**Warning**



**Corrosive**

**Signal Word** Danger

**Hazard Statements**

H314 Causes severe burns and eye damage

H318 Causes serious eye damage

H335 May cause respiratory irritation

## Precautionary Statements

### Prevention:

P260 Do not breathe dust/fume/mist/vapors/spray.  
 P264 Wash hands (and ...) thoroughly after handling.  
 P270 Do not eat, drink or smoke when using this product.  
 P280 Wear protective gloves/protective clothing/eye protection/face protection/hearing protection.

### Response:

P301+ P330 + P331: IF SWALLOWED: Rinse mouth. DO NOT induce vomiting.  
 P302+P361 + P354: IF ON SKIN: Take off immediately all contaminated clothing. Immediately rinse with water for several minutes.  
 P332+P317: IF SKIN irritation occurs, get emergency medical help.  
 P363 Wash contaminated clothing before reuse.  
 P304 + P340: IF INHALED: Remove person to fresh air and keep comfortable for breathing.  
 P319: Get medical help if you feel unwell.  
 P305+P354+P338 IF IN EYES: Immediately rinse with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.

### Storage:

P405: Store locked up.  
 P406: Store in corrosive resistant/... container with a resistant inner liner.  
 Store above 10°C / 50°F.

### Disposal:

P501: Dispose of contents/container in accordance with all Federal, Provincial, and /or local regulations including the Canadian Protection Act.

## NFPA/HMIS Ratings (Scale 0-4)

**Health: 2 Fire: 0 Reactivity: 0 Physical Hazards: NN (Not Known)**

## SECTION 03: COMPOSITION/INFORMATION ON INGREDIENTS

### Control Parameters

#### Occupational Exposure limits

| Name  | Synonyms                     | CAS No.    | W%        |
|---|------------------------------|------------|-----------|
| <b>Coco alkylbis(hydroxyethyl)methylammonium chlorides, ethoxylated</b> | Alcohols, C9-11, ethoxylated | 68439-46-3 | 4.0 – 7.0 |
| <b>Sodium Metasilicate Anhydrous</b>                                    | Water Glass                  | 6834-92-0  | 1.0 – 5.0 |
| <b>Triethanolamine</b>  | TEA                          | 102-71-6   | 1.0 – 5.0 |
| <b>1.Hydroxyethylidene.1,1.diphosphonic acid</b>                        | HDEPA                        | 2809-21-4  | 0.5 – 1.5 |

## SECTION 04: FIRST-AID MEASURES

### Description of First Aid Measures

#### First-aid measures after inhalation

Move to fresh air. If breathing is difficult, give oxygen and seek medical attention.

**First-aid measures after skin contact**

Remove all contaminated clothing. Rinse skin with water. Wash affected areas with soap and take shower. Apply replenishing cream. Seek medical attention.

**First-aid measures after eye contact**

Immediately flush eyes with plenty of water for several minutes. Remove contact lenses if present. Continue to rinse for at least 15-20 minutes. Seek medical attention.

**First-aid measures after ingestion**

DO NOT INDUCE VOMITING. NEVER give anything by mouth if victim is rapidly losing consciousness. If material has been swallowed and the exposed person is conscious, give 2-4 glasses of water to drink to dilute the material. Call the poison control center or get medical attention immediately.

**Most Important Symptoms and Effects (Acute and Delayed)****Potential Acute Health Effects:**

**Ingestion-** Harmful if swallowed.

**Eye contact-** Causes burns to the eyes.

**Inhalation-** Irritating to respiratory system.

**Skin contact-** The product is alkaline. Causes skin irritation.

**Immediate Medical Attention and Special Treatment:**

**Notes to Physician-** Treat Symptomatically. Contact poison treatment specialist immediately if large quantities have been swallowed or inhaled.

**Specific Treatment-** No specific treatment.

**Protection of First- Aiders-** If suspected that fumes are still present, the rescuer should wear an appropriate mask or self-contained breathing apparatus.

## SECTION 05: FIRE FIGHTING MEASURES

**Extinguishing Media:****Suitable Extinguishing Media**

Water spray, carbon dioxide (CO<sub>2</sub>), dry chemical, alcohol-resistant foam.

**Unsuitable Extinguishing Media:** Not known

**Specific Hazards Arising from the Hazardous Products:** No specific data.

**Hazardous Thermal Decomposition Products:** Nitrogen oxides (NO<sub>x</sub>). Carbon monoxide (CO). Carbon dioxide (CO<sub>2</sub>).

**Special Protective Equipment, Precautions for Fire-Fighters.**

Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus with a full-face respirator.

**Further Information**

In the event of fire and/or explosion do not breathe fumes.

## SECTION 06: ACCIDENTAL RELEASE MEASURES

## Personal Precautions/Protective Equipment/Emergency Procedures

**For non-emergency personnel:** Wear appropriate respirator when ventilation is inadequate. Put on appropriate protective equipment. Avoid breathing vapor or mist. Provide adequate ventilation.

**For emergency responders:** Avoid contact with skin and eyes, do not breath dust. Wear eye/face protection. An approved dust mask should be worn if dust is generated during handling

## Environmental Precautions

Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil and air).

## Methods and Materials for Containment and Cleaning Up

Collect as much as possible in a (clean) container for recovery or disposal. Remove last traces by diluting with plenty of (warm) water

**Small spill-** Stop leak if without risk. Dilute with water and mop up. Alternatively, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.

**Large Spill-** Do not touch or walk through spilled material. Stop leak if without risk. Move containers from spill area. Prevent entry into sewers, water courses, basements or confined areas. Wash spillage into an effluent treatment plant or proceed as follows. Contain and collect spillage with a non-combustible, absorbent material e.g., sand, earth, vermiculite or diatomaceous earth and place in a container for disposal according to local regulations.

**Other Information:** Not Known

## SECTION 07: HANDLING AND STORAGE

### Precautions for Safe Handling

**Protective measures:** Wear personal protective equipment/face protection. Ensure adequate ventilation. Avoid contact with skin, eyes or clothing. Avoid ingestion and inhalation.

**Advice on general occupational hygiene:** Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking.

**Conditions for safe storage including any incompatibilities:** Keep container tightly closed. Store at room temperature.

Incompatible Materials: Strong oxidizing agents. Acids. Metals.

## SECTION 08: EXPOSURE CONTROLS/PERSONAL PROTECTION

## Control Parameters

### Exposure Limit(s)

| Component                            | Regulation     | Type of Listing | Value               |
|--------------------------------------|----------------|-----------------|---------------------|
| <b>Sodium Metasilicate Anhydrous</b> | ACGIH TLV      | TWA             | 5 mg/m <sup>3</sup> |
| <b>Triethanolamine</b>               | OXY REL (IOEL) | TWA             | 2 mg/m <sup>3</sup> |

IOEL: Internal Occupation Exposure Limit

### Appropriate engineering controls

Use adequate ventilation. The engineering controls need to keep gas, vapor, dust concentrations below exposure limit. Ensure compliance with applicable exposure limits.

### Individual protection measures (personal protective equipment)

#### Eye/face protection

Wear eye/face protection. Wear tightly fitted safety glasses with side-shield

#### Skin protection

Wear protective clothing to minimize skin contact. Use hand protection, impervious gloves complying with an approved standard should be worn at all times when handling the product (butyl rubber, Natural rubber, Neoprene, Nitrile). In the case of wanting to use the gloves again, clean them before taking off and air them well.

#### Other protection measures

Preventive skin protection (barrier creams/ointments) is recommended.  
Wash hands thoroughly after handling.

#### Environmental exposure controls

Use appropriate container to avoid environmental contamination.  
Keep away from drains, surface and ground water.

#### Respiratory protection

A NIOSH approved respirator with N95 (dust, fume, mist) cartridges may be permissible under certain circumstances where airborne concentrations are expected to exceed exposure limits, or when symptoms have been observed that are indicative of overexposure.

## SECTION 09: PHYSICAL AND CHEMICAL PROPERTIES

|                             |             |
|-----------------------------|-------------|
| <b>Physical State</b>       | Liquid      |
| <b>Color</b>                | Amber       |
| <b>Odor</b>                 | Mild        |
| <b>Odor Threshold (ppm)</b> | Not Known   |
| <b>pH</b>                   | 11.5 – 12.5 |

|   |                               |
|---|-------------------------------|
| <b>Freezing Point</b>                       | 0°C / 32°F                    |
| <b>Boiling Point</b>                        | 100°C / 212°F                 |
| <b>Flash Point</b>                          | No data available             |
| <b>Evaporation Rate (Butyl Acetate = 1)</b> | No data available             |
| <b>Flammability</b>                         | No data available             |
| <b>Vapor Density (air = 1)</b>              | Not Known                     |
| <b>Vapor Pressure (mmHg)</b>                | Not Known                     |
| <b>Relative Density</b>                     | 0.95 g/cm <sup>3</sup>        |
| <b>Solubility in Water</b>                  | Soluble in all concentrations |
| <b>Decomposition Temperature</b>            | No data available             |
| <b>Non-Volatile % By Weight</b>             | Not Applicable                |
| <b>Kinematic Viscosity</b>                  | No data available             |
| <b>VOC</b>                                  | Close to 0%                   |

## SECTION 10: STABILITY AND REACTIVITY

**Reactivity:** This product may react with strong mineral acids.

**Chemical Stability:** This product is stable under normal conditions.

**Possibility of hazardous reactions:** Under normal conditions of storage and use, hazardous reactions will not occur.

**Conditions to avoid:** Not known

**Incompatible materials:** Reactive or incompatible with the following materials: Acids and metals

**Hazardous decomposition products:** Oxides of carbon, oxides of nitrogen.

## SECTION 11: TOXICOLOGICAL INFORMATION

### Acute Toxicity

| Component                     | LD50 (Oral)       | LD50 (Dermal)       | LC50 (Inhalation)                  |
|-------------------------------|-------------------|---------------------|------------------------------------|
| Sodium Metasilicate Anhydrous | 1,280 mg/kg (Rat) | > 5,000 mg/kg (Rat) | > 2.06 g/m <sup>3</sup> Dust (Rat) |

### Chronic Toxicity

**Information on likely route of entry:** Eye Contact, Skin Contact, Inhalation, Ingestion.

**Irritation/Corrosion:** Irritating to eyes, respiratory system and skin.

**Sensitization:** There is no data available.

**Specific target organ toxicity (single exposure):** Respiratory system

**Specific target organ toxicity (repeated exposure):** Kidney, Liver spleen, Blood

**Aspiration hazard-** There is no data available.

**Carcinogenicity:** Not considered carcinogenic to humans.

### Symptoms related to the physical, chemical and toxicological characteristics:

**Eye contact:** Redness, Pain, Corrosion

**Skin contact:** Caustic effect on skin and mucous membranes.

**Ingestion:** May cause irritation. Do not ingest.

**Inhalation:** Respiratory irritation, Cough

### Delayed and immediate effects and also chronic effects from short and long term exposure:

#### Short term exposure:

**Potential immediate effects:** No known significant effects or critical hazards.

**Potential delayed effects:** No known significant effects or critical hazards.

**Long term exposure:** Overexposure to vapors may cause irritation of the respiratory tract and eyes any may cause central nervous system effects.

**Potential immediate effects:** No known significant effects or critical hazards.

**Potential delayed effects-** No known significant effects or critical hazards.

**Teratogenicity-** No known significant effects or critical hazards.

**Developmental effects-** No known effects or critical hazards.

**Fertility effects-** No known significant effects or critical hazards.

## SECTION 12: ECOLOGICAL INFORMATION

**Ecotoxicity:** No Data Available

| Component                                  | Toxicity to Algae EC50               | Toxicity to Fish LC50                    | Water Flea EC50 Toxicity to     |
|--|--------------------------------------|--|---------------------------------|
| Coco alkylbis(hydroxyethyl) methylammonium | Skeletonema costatum (marine diatom) | Oncorhynchus mykiss<br>10 - 30 mg/l 96 h | Daphnia<br>10 - 20 mg/l<br>48 h |

|   |   |  |  |
|---|---|--|--|
| <b>chlorides, ethoxylated</b>                         | > 1 - 10 mg/l<br>72 h   |  |  |
| <b>Triethanolamine</b>                                | 169 mg/L, 96h<br>(Desmodesmus<br>subspicatus) EC50:<br>= 216 mg/L, 72h<br>(Desmodesmus<br>subspicatus)            | 10,600 – 13,000<br>mg/L, 96h flow-<br>through<br>(Pimephales<br>promelas) LC50: ><br>1000 mg/L, 96h<br>static (Pimephales<br>promelas) LC50:<br>450 – 1,000 mg/L,<br>96h static (Lepomis<br>macrochirus) | Not Listed   |
| <b>1.Hydroxyethylidene.<br/>1,1.diphosphonic acid</b> | (Pseudokirchneriella<br>subcapitata (green<br>algae)): 3 mg/l<br>Exposure time: 96<br>h Test Type: static<br>test | NOEC<br>(Oncorhynchus<br>mykiss (rainbow<br>trout)): 180 mg/l<br>Exposure time: 96<br>h Test Type: static<br>test  | NOEC<br>(Daphnia magna<br>(Water flea)):<br>400 mg/l |

## Persistence and degradability:

### Components:

#### Coco alkylbis(hydroxyethyl) methylammonium chlorides, ethoxylated

Biodegradation: < 60 %

Exposure time: 28 d

Method: OECD 301 B

Remarks: biodegradable

#### Triethanolamine

Biodegradation: ca.100 %

Exposure time: 5 d

Method: ECHA

Remarks: Rapidly biodegradable

**Bioaccumulative potential:** There is no data available

#### Mobility in soil:

**Soil/water partition coefficient (KROC):** There is no data available

**Other adverse effects:** There is no data available

## SECTION 13: DISPOSABLE CONSIDERATIONS

**Waste Disposal:** Dispose in accordance with current federal, state, provincial and local regulations.

**Disposal methods:** The generation of waste should be avoided or minimized whenever



possible. Disposal of this product must be done in accordance with all federal and any regional local authority requirements. Dispose of surplus and non- recyclable products via a licensed waste disposal contractor. Care should be taken when handling empty containers that may have not been cleaned or rinsed out. Avoid dispersal of spilled material and runoff and contact with soil.

## SECTION 14: TRANSPORT INFORMATION

**UN Number:** Not Regulated

**Special Shipping Name:** Not Regulated

| Controlling Regulation | UN# | Special Shipping Name | Hazard Class | Packaging Group |
|------------------------|-----|-----------------------|--------------|-----------------|
| ICAO                   |     | Not Regulated         |              |                 |
| DOT                    |     | Not Regulated         |              |                 |
| IMDG                   |     | Not Regulated         |              |                 |
| TDG                    |     | Not Regulated         |              |                 |

## SECTION 15: REGULATORY INFORMATION

**OSHA (Occupational Safety and Health Administration) Flammability:** Not Regulated

**TSCA (Toxic Substances Control Act):** All ingredients are listed within or exempted from US TSCA.

**DSL (Domestic Substance List):** All ingredients are listed within or exempted from Canadian DSL.

**CEPA Status:** All components of this product are listed on the domestic substance list

## SECTION 16: OTHER INFORMATION

**Regulatory Information:** Use adequate ventilation.

### WHMIS (Canada):

D2B Materials Causing Other Toxic Effects (Toxic Material)  
E (Corrosive Material)

**Further Information:** Keep out of reach of children.

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**SDS Prepared By:** CBR Products Technical Department

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