FICHE DE DONNÉES DE SÉCURITÉ (FDS)

SECTION 01 : IDENTIFICATION

Nom du produit : ASC All Surface Cleaner

Forme du produit : Mélange liquid

Autres moyens d'identification : Nettoyant pour béton, asphalte, bois et plastique

Utilisation recommandée : Idéal pour le nettoyage des automobiles, allées, planchers d'ateliers, comptoirs, appareils électroménagers, carrelages et autres surfaces.

Restrictions d'utilisation : Aucune connue

Nom du fabricant : CBR Products

Nom du fournisseur : CBR Products, 876 Cordova Diversion, Vancouver, BC V6A 3R3, Canada

Numéro de téléphone du préparateur : Local 1-604-254-3325

Numéro de téléphone d'urgence : Sans frais 1-888-311-5339

SECTION 02 : IDENTIFICATION DES DANGERS

Classification SGH (Canada) :

Corrosion/Irritation cutanée Catégorie 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 IHALED: 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%
Coco alkylbis(hydroxyethyl)methylammonium chlorides, ethoxylated	Alcohols, C9-11, ethoxylated	68439-46-3	4.0 – 7.0
Sodium Metasilicate Anhydrous	Water Glass	6834-92-0	1.0 – 5.0
Triethanolamine	TEA	102-71-6	1.0 – 5.0
1.Hydroxyethylidene.1,1.diphosphonic acid	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 (CO2), 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 (NOx). Carbon monoxide (CO). Carbon dioxide (CO2).

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
Sodium Metasilicate Anhydrous	ACGIH TLV	TWA	5 mg/m3
Triethanolamine	OXY REL (IOEL)	TWA	2 mg/m3

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

Physical State	Liquid
Color	Amber
Odor	Mild

Odor Threshold (ppm)	Not Known
pH	11.5 – 12.5
Freezing Point	0°C / 32°F
Boiling Point	100°C / 212°F
Flash Point	No data available
Evaporation Rate (Butyl Acetate = 1)	No data available
Flammability	No data available
Vapor Density (air = 1)	Not Known
Vapor Pressure (mmHg)	Not Known
Relative Density	0.95 g/cm3
Solubility in Water	Soluble in all concentrations
Decomposition Temperature	No data available
Non-Volatile % By Weight	Not Applicable
Kinematic Viscosity	No data available
VOC	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/m3 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 10 - 30 mg/l 96 h	Daphnia 10 - 20 mg/l 48 h

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