



SAFETY DATA SHEET

SECTION 1) CHEMICAL PRODUCT AND SUPPLIER'S IDENTIFICATION

Product ID: ALPDES
Product Name: ALPHA DESCALER
Revision Date: Nov 13, 2018 **Date Printed:** Nov 13, 2018
Version: 1.0 **Supersedes Date:** N.A.
Manufacturer's Name: Tech Sales Co.
Address: 10520 Yong[^] St. Unit 358-220 Richmond Hill, ON, CA, L4C 3C7
Emergency Phone: (spill, leak, fire, exposure or accident) call Chemtrec 1-705-527-3887
Information Phone Number: 1-416-410-1313
Product/Recommended Uses: Descaler

SECTION 2) HAZARDS IDENTIFICATION

Classification

Acute toxicity Oral - Category 5
Eye Irritation - Category 2B
Skin Irritation - Category 3

Pictograms

None

Signal Word

Warning

Hazardous Statements - Health

May be harmful if swallowed Causes eye irritation Causes mild skin irritation

Precautionary Statements - General

If medical advice is needed, have product container or label at hand. Keep out of reach of children. Read label before use.

Precautionary Statements - Prevention

Wash hands thoroughly after handling.

Precautionary Statements - Response

Call a POISON CENTER or doctor, if you feel unwell.

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/attention.

If skin irritation occurs: Get medical advice/attention.

Precautionary Statements - Storage

No precautionary statement available.

Precautionary Statements - Disposal

No precautionary statement available.

Physical and Health Hazards Not Otherwise Classified (HNOC)

SECTION 3) COMPOSITION / INFORMATION ON INGREDIENTS

CAS	Chemical Name	% By Weight
N/A	Proprietary Trade Secret Claimed	N/A

The identity of this material is trade secret (29 CFR 1910.1200 (j)) and is available to any attending physician, paramedical personnel and/or spill response personnel in the case of an emergency. There are no additional ingredients present which, within the current knowledge of the manufacturer and in the concentrations applicable, classified as hazardous to health/environment thus do not require reporting in this section.

SECTION 4) FIRST-AID MEASURES

Inhalation

Remove source of exposure or move person to fresh air and keep comfortable for breathing. If unwell, exposed or concerned: Get medical advice/attention.

Skin Contact

Take off contaminated clothing. Rinse/wash with water and mild soap for 5 minutes or until product is removed. If skin irritation occurs or you feel unwell: Get medical advice/attention.

Eye Contact

Rinse eyes cautiously with gently flowing water for at least 15 minutes, while holding the eyelids open. If eye irritation persists: get medical advice/attention. If wearing contacts do not remove in the first 5 minutes.

Ingestion

if ingested, may cause loose stools. Drink plenty of water (2-3 glasses) and immediately consult a physician. Do NOT induce vomiting.

Most Important Symptoms/Effects, Acute and Delayed

Causes skin and eye irritation.

Indication of Immediate Medical Attention and Special Treatment Needed

Treat symptomatically.

SECTION 5) FIRE-FIGHTING MEASURES

Suitable Extinguishing Media

Use extinguishing media suitable for the surrounding fire.

Unsuitable Extinguishing Media

No data available.

Specific Hazards in Case of Fire

No data available.

Fire-Fighting Procedures

Isolate immediate hazard area and keep unauthorized personnel out. Dispose of fire debris and contaminated extinguishing water in accordance with official regulations.

Special Protective Actions

Wear protective pressure self-contained breathing apparatus (SCBA) and full turnout gear.

SECTION 6) ACCIDENTAL RELEASE MEASURES

Emergency Procedure

Do not touch or walk through spilled material. Isolate hazard area and keep unnecessary people away. Notify authorities if any exposure to the general public or the environment occurs or is likely to occur.

Recommended Equipment

Refer to Section 8 for specific personal protective equipment.

Personal Precautions

Avoid breathing mists/sprays.

Avoid contact with skin, eye or clothing.

Environmental Precautions

Stop spill/release if it can be done safely. Prevent spilled material from entering sewers, storm drains, other unauthorized drainage systems and natural waterways by using sand, earth, or other appropriate barriers.

Methods and Materials for Containment and Cleaning up

Contain and collect spilled materials with non-combustible, absorbent material and place in a container for disposal according to local regulations. Product can be neutralized with water in accordance with local, state (provincial) and federal regulations. Always sample spill and calculate via titration the proper amount of neutralizing material to be used to properly neutralize. Dispose via a licensed waster disposal contractor.

SECTION 7) HANDLING AND STORAGE

General

Wash hands after use. Do not get in eyes, on skin or on clothing. Do not breathe vapors or mists. Use good personal hygiene practices. Eating, drinking and smoking in work areas is prohibited. Remove contaminated clothing and protective equipment before entering eating areas. Eyewash stations and showers should be available in areas where this material is used and stored. All containers must be properly labeled.

Ventilation Requirements

No particular ventilation requirements.

Storage Room Requirements

Store in a cool, dry and well ventilated area. Keep containers tightly closed when not in use.

Shelf life

No known limit. Recommended use is within 1 year. Keep container lid closed when not in use.

Special Sensitivity

None

SECTION 8) EXPOSURE CONTROLS/PERSONAL PROTECTION

Eye protection

Wear eye protection with side shields or goggles.

Skin protection

Where contact is likely wear chemical resistant gloves.

Respiratory protection

Not required under normal conditions of use. If required, wear an approved mist respirator.

Appropriate Engineering Controls

General ventilation. Showers. Eyewash stations.

Chemical Name	ACGIH TWA (mg/m3)	ACGIH TWA (ppm)	ACGIH STEL (mg/m3)	ACGIH STEL (ppm)	ACGIH Carcinogen	ACGIH Notations	ACGIH TLV Basis	CAN_ONt mg	CAN_ONtp pm	CAN_ONs mg	CAN_ONs ppm	OSHA TWA (mg/m3)
No applicable chemical	-	-	-	-	-	-	-	-	-	-	-	-

Chemical Name	OSHA TWA (ppm)	OSHA STEL (mg/m3)	OSHA STEL (ppm)	OSHA Carcinogen	OSHA Skin designation	OSHA Tables (Z1, Z2, Z3)
No applicable chemical	-	-	-	-	-	-

SECTION 9) PHYSICAL AND CHEMICAL PROPERTIES

Physical and Chemical Properties

Density	8.81786 lb/gal
Specific Gravity	1.05661
% Solids By Weight	0.00000%
% VOC	0.00000%

Appearance	Liquid
Odor Threshold	N/A
Odor Description	Mild to odourless
pH	< 1
Water Solubility	Complete
Flammability	N/A
Flash Point Symbol	N/A
Flash Point	> 85°C (ASTM D-56)
Viscosity	N/A
Lower Explosion Level	N/A
Upper Explosion Level	N/A
Vapor Pressure	N/A
Vapor Density	N/A
Freezing Point	28°F (-2°C)
Melting Point	N/A
Low Boiling Point	212°F (100°C)
High Boiling Point	N/A
Auto Ignition Temp	N/A
Decomposition Pt	N/A
Evaporation Rate	N/A
Coefficient Water/Oil	N/A

SECTION 10) STABILITY AND REACTIVITY

Stability

Stable under normal conditions.

Conditions to Avoid

Avoid contact with incompatible materials.

Hazardous Polymerization/Reactions

No data available.

Incompatible Materials

Oxidizing agents.

Hazardous Decomposition Products

No data available.

SECTION 11) TOXICOLOGICAL INFORMATION

Likely Route of Exposure

Inhalation, ingestion, skin contact, eye contact

Aspiration Hazard

No Data Available

Carcinogenicity

Not listed by ACGIH, IARC, NTP or CA Prop 65

Germ Cell Mutagenicity

No information available

Reproductive Effects - No information available

Epidemiology - No information available

Teratogenicity - No information available

Neurotoxicity - No information available

Other studies - N/A

Respiratory/Skin Sensitization - No data available

Serious Eye Damage/Irritation - Causes eye irritation

Skin Corrosion/Irritation - Causes skin irritation

Specific Target Organ Toxicity - Repeated Exposure - No data available

Specific Target Organ Toxicity - Single Exposure - No data available

Acute Toxicity

May be harmful if swallowed

LD50: 7,300 mg/kg (Rat oral)

SECTION 12) ECOLOGICAL INFORMATION

Toxicity

No Data Available

Persistence and Degradability

No data available.

Bio-accumulative Potential

No data available.

Mobility in Soil

No data available.

Other Adverse Effects

No data available.

SECTION 13) DISPOSAL CONSIDERATIONS

Waste Disposal

Waste management should be in full compliance with federal, state/provincial and local laws.

SECTION 14) TRANSPORT INFORMATION

U.S. DOT Information

UN number: This product is not regulated for transport

Proper shipping name: N/A (N/A)

Hazard class: Not Applicable

Packaging group: Not Applicable

Hazardous substance (RQ): No Data Available

Toxic-Inhalation Hazard: No Data Available

Marine Pollutant: This product is not a marine pollutant

Note / Special Provision: No Data Available

Canadian TDG Information

UN number: This product is not regulated for transport

Proper shipping name: N/A (N/A)

Hazard class: Not Applicable

Packaging group: Not Applicable

Hazardous substance (RQ): No Data Available

Toxic-Inhalation Hazard: No Data Available

Marine Pollutant: This product is not a marine pollutant

Note / Special Provision: No Data Available

SECTION 15) REGULATORY INFORMATION

CAS	Chemical Name	% By Weight	Regulation List
No applicable CAS	No applicable chemical	-	-

SECTION 16) OTHER INFORMATION INCLUDING INFORMATION ON PREPARATION AND REVISION OF THE SDS

Glossary

ACGIH- American Conference of Governmental Industrial Hygienists; ANSI- American National Standards Institute; Canadian TDG Canadian Transportation of Dangerous Goods; CAS- Chemical Abstract Service; Chemtrec- Chemical Transportation Emergency Center (US); CHIP- Chemical Hazard Information and Packaging; DSL- Domestic Substances List; EC- Equivalent Concentration; EH40 (UK)- HSE Guidance Note EH40 Occupational Exposure Limits; EPCRA- Emergency Planning and Community Right-To-Know Act; ESL- Effects screening levels; HMIS- Hazardous Material Information Service; LC- Lethal Concentration; LD- Lethal Dose; NFPA- National Fire Protection Association; OEL- Occupational Exposure Limits; OSHA- Occupational Safety and Health Administration, US Department of Labor; PEL- Permissible Exposure Limit; SARA (Title III)- Superfund Amendments and Reauthorization Act; SARA 313- Superfund

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