

SAFETY DATA SHEET (SDS) - ECO PREP AND CLEAN

May be used to comply with OSHA's Hazard Communication Standard (HCS), 29 CFR 1910, 1200.
Standard must be consulted for specific requirements.

1. Identification

Name of the Product: Eco Prep and Clean
Recommended use: Surface Preparation Mixture

This product manufactured by: Cohill's Building Specialties, Inc.
 3825 East Anne Street
 Phoenix AZ 85040

Company Phone Number: 602.266.0462
Emergency Phone Number: 800.535.5035

2. Hazard Identification

Signal Word: WARNING

Hazard Classification:

Corrosive to Metals, Category 1
 Acute Toxicity, Oral, Category 4
 Serious Eye Damage/Irritation, Category 2B
 Specific Organ Toxicity, Single Exposure, Category 2

Hazard Statements:

H290 - May be corrosive to metals.
 H302 - Harmful if swallowed.
 H319 - Causes serious eye irritation.
 H371 - May cause damage to organs. (Kidney)

Precautionary Statements:

P260 – Do not breathe dust/fume/gas/mist/vapors/spray.
 P264 – Wash hands thoroughly after handling.
 P270 – Do not eat, drink or smoke when using this product.
 P280 – Wear protective gloves/protective clothing/eye protection/face protection.
 P301 + P312 – IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell. P305 + P351 + P338 – IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
 P307 + P311 – IF exposed: Call a POISON CENTER or doctor/physician. P330 – Rinse mouth.
 P405 – Store locked up.
 P501 - Dispose of contents/container to an approved waste disposal plant.

Hazard Pictograms:



3. Composition/Information on Hazardous Ingredients

Hazardous Components:	CAS No.	Percentage %
Hydrochloric Acid	7647-01-0	8-12%

4. First Aid Measures

General Information: Immediately remove any clothing soiled by the product and launder before reuse.

After inhalation: Remove to fresh air immediately. If breathing difficulty continues, Get Medical Help. After skin contact: Immediately wash with water and soap and rinse thoroughly. After eye contact: Flush thoroughly with water for 15 minutes, lifting both eyelids. If irritation persists, Get Medical Help. After ingestion: DO NOT INDUCE VOMITING. Drink two glasses of water and Get Immediate Medical Help. Never give anything by mouth to an unconscious person. Most Important Symptoms and Effects: Acute: Ingestion Delayed: Eyes, Inhalation

5. Fire Fighting Measures

Suitable Extinguishing Media: Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Unsuitable Extinguishing Media: None known

Fire Hazard: Non-Flammable

Explosion Hazard: None

Reactivity: Reactions with aluminum, particularly foil, may generate flammable hydrogen gas.

Products of Combustion: Not Applicable

Special Hazards Arising from the Substance or Mixture: No further relevant information available.

Special Remarks and Advice for Firefighters: Firefighters should wear NIOSH/MSHA approved self-contained breathing apparatus and full protective clothing.

6. Accidental Release Measures

Personal precautions, protective equipment and emergency procedures: Wear protective equipment (See section VIII). Keep unprotected persons away.

Methods and material for containment and cleaning up:

Spill Response: Absorb with liquid-binding material (sand, diatomite, and universal binders.) Use neutralizing agent.

Waste Disposal: Dispose contaminated material as waste according to item 13. Ensure adequate ventilation.

Environmental precautions: Do not allow to enter sewers.

7. Handling and Storage

Handling

Precautions for safe handling: Ensure good ventilation. Avoid contact with aluminum and other metals.

Reactions with aluminum, particularly foil, may generate flammable hydrogen gas. Use, store and transfer only with acid resistant plastic containers, DO NOT USE aluminum or any other metal container.

Additional Hazards: None.

Hygiene Measures: Keep away from foodstuffs, beverages and feed. Immediately remove all soiled and contaminated clothing. Wash hands before breaks and at the end of work. Avoid contact with the eyes and skin.

Storage

Storage Conditions: Keep container tightly sealed. Storage Area:

No special requirements.

Incompatible Products and Materials: Avoid contact with aluminum and other metals. Reactions with aluminum, particularly foil, may generate flammable hydrogen gas.

8. Exposure Controls and Personal Protection

Exposure Limits:

CAS 7647-011-1 Hydrochloric Acid

PEL 5 ppm / 7 mg/m³ (ceiling)

TVL 2 ppm / 3 mg/m³ (ceiling)

Appropriate Engineering Controls: Use local ventilation

Personal Protective Equipment:



Hand: Protective Gloves - Wear gloves of adequate length to offer appropriate skin protection from splashes. Nitrile, Butyl and PVC gloves have been found to offer adequate protection for incidental contact. Eye: Safety Glasses

Skin and Body: Non-absorptive boots. Respiratory:

None required.

Additional Information: None

9. Physical and Chemical Properties

Appearance	Form: Liquid Color: Blue Odor: Cherry
pH-value:	1-2
Boiling Point/Boiling Range:	~212°F / 100°C
Freezing Point:	NE
Flash Point:	None
Auto Igniting:	Product is not self-igniting.
Vapor Pressure:	NE
Vapor Density:	1.12 - 1.30 g/cm ³
Viscosity:	NA
Solubility:	Soluble
Evaporation Rate:	NE
Flammability:	Non-flammable
Decomposition Temperature:	NE

10. Stability and Reactivity

Conditions to be avoided: No decomposition if used according to specifications.

Incompatible materials: Bases, amines, alkali metals, metals - especially aluminum, permanganates, Fluorine, metal acetylides, hexalithium disilicide, and bleach.

Hazardous Decomposition Products: No dangerous decomposition products known Reactivity:

Reacts with aluminum.

Chemical Stability: Stable

Possibility of Hazardous Reactions: None known.

11. Toxicological Information

Acute toxicity: LD-50 Oral, rabbit, 900mg/m³

Likely Route of Exposure: Skin

Exposure Symptoms:

Eyes: Can cause severe irritation and eye damage.

Skin: Irritation and possible burns. May cause allergic reaction with some people. Avoid repeated contact.

Inhalation: Coughing, sore throat, shortness of breath, irritation of mucous membrane. Ingestion:

Sore throat, abdominal pain, burning. May cause kidney damage.

Effects (Short-term, Long-term):
Immediate: Eye irritation
Delayed: Skin irritation
Chronic: NE
Carcinogenicity: No
Sensitization: No sensitizing effects known.

12. Ecological Information

Aquatic toxicity: No further relevant information available.
Persistence and Degradability: No further relevant information available. Behavior in Environmental Systems: No further relevant information available. Bioaccumulative Potential: No further relevant information available.
Mobility in Soil: Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system. Must not reach bodies of water or drainage ditch undiluted or un-neutralized.
Other Adverse Effects:

13. Disposal Considerations

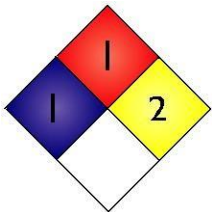
Recommendation: Do not allow product to reach waterways or storm sewers. Disposal must be made in accordance with local, state and federal regulations.
Recommended Cleansing Agent: Water.
Additional Information: Refer to Section 8

14. Transport Information

UN-Number:	1760
UN Proper Shipping Name:	Hydrochloric Acid
Transport Hazard Class:	8 Corrosive substances
Packing Group:	III
Environmental Hazards:	None - Not a marine pollutant.
Additional Information:	ORM-D Ground Transportation Only for Containers of 5L or less.
Special Precautions for User:	Warning: Corrosive Substances



15. Regulatory Information



NFPA Ratings (Scale 0-4). Health: 1. Fire: 1*. Reactivity: 2
*Material is nonflammable, however reactions may liberate flammable hydrogen gas

16. Other Information

NOTE: The information and recommendations contained herein are based upon data believed to be correct. However, no guarantee or warranty of any kind, express or implied, is made with respect to the information contained herein. We accept no responsibility and disclaim all liability for any harmful effects which may be caused by exposure to silica contained in our products. End of SDS.