

# Material Safety Data Sheet (MSDS)



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(MSDS)**

Document No:  
AEC1003

**SAFETY DATA SHEET** (Prepared according to Regulation (EC) No 1907/2006(REACH) as amended by Commission Regulation (EU) 2020/878)

**SECTION 1 – Identification**

1.1 Trade name: **CleanBase** Product code: **Dilute** 1.2 Relevant identified uses of the substance or mixture and uses advised against Basic cleaner for industrial surface treatment. Uses advised against: Any use not specified above. 1.3 Details of the supplier of the safety data sheet Company: AbanEnergy

Address: <Sharif Technology Tower, Tehran, 1459965153, Iran>

Telephone: +9821 92002736 ,E- mail (competent person): [O.anamzadeh@aban.energy](mailto:O.anamzadeh@aban.energy)

1.4 Emergency telephone number: <+989109540595>

**SECTION 2 – Hazard Identification**

**GHS Classification:**

- Skin corrosion/irritation – Category 1A
- Serious eye damage – Category 1

**Label Elements:**

GHS05 - Corrosion

**Signal Word:** Danger

**Hazard Statements:**

- H314: Causes severe skin burns and eye damage.

**Precautionary Statements:**

- P260: Do not breathe mist/vapors/spray.
- P264: Wash hands thoroughly after handling.
- P280: Wear protective gloves/protective clothing/eye protection.
- P301+P330+P331: IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
- P303+P361+P353: IF ON SKIN: Remove immediately all contaminated clothing. Rinse skin with water.
- P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present. Continue rinsing.





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### SECTION 3 – Composition / Information on Ingredients

Composition/information on ingredients This product is a mixture. Exact concentrations and identities are withheld as trade secret; ranges provided meet regulatory requirements.

### SECTION 4 – First Aid Measures

**Inhalation:** Remove to fresh air. Seek medical attention if symptoms persist.

**Skin Contact:** Remove contaminated clothing. Rinse thoroughly with water for at least 15 minutes. Seek medical help.

**Eye Contact:** Rinse cautiously with water for 15+ minutes. Seek immediate medical attention.

**Ingestion:** Do NOT induce vomiting. Rinse mouth. Get medical advice immediately.

### SECTION 5 – Firefighting Measures

**Suitable Extinguishing Media:** Water spray, foam, CO<sub>2</sub>, dry powder.

**Specific Hazards:** Product is not flammable but may react with acids to release heat.

**Protective Equipment:** Use full protective gear and self-contained breathing apparatus (SCBA).

### SECTION 6 – Accidental Release Measures

- Evacuate area. Avoid contact with skin and eyes.
- Wear protective equipment.
- Absorb with inert material (e.g., dry sand) and collect in suitable containers.
- Do not allow to enter drains or watercourses.

### SECTION 7 – Handling and Storage

- Handle with care. Avoid skin and eye contact.
- Store in tightly sealed, corrosion-resistant containers.
- Keep away from incompatible substances (e.g., acids).

### SECTION 8 – Exposure Controls / Personal Protection

**Occupational Exposure Limits:**

- Base: ACGIH TLV = 2 mg/m<sup>3</sup> (Ceiling)



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### Personal Protective Equipment (PPE):

- Eye/Face: Safety goggles or face shield.
- Skin: Protective gloves (e.g., nitrile).
- Respiratory: Use in well-ventilated area; wear suitable respirator if necessary.

### SECTION 9 – Physical and Chemical Properties

- Appearance: Clear light Blue colored liquid
- Odor: Mild
- pH: ~13.5
- Melting/Freezing Point: <0°C
- Boiling Point: >100°C
- Solubility in water: Complete

### SECTION 10 – Stability and Reactivity

- Stable under normal conditions.
- Incompatible with acids and strong oxidizers.
- Hazardous decomposition: May form sodium salts and heat upon neutralization.

### SECTION 11 – Toxicological Information

- **Skin:** Causes severe burns
- **Eyes:** Serious damage possible
- **Inhalation:** Irritation to respiratory tract possible at high mist concentrations
- **Ingestion:** Corrosive, harmful if swallowed

### SECTION 12 – Ecological Information

- Harmful to aquatic organisms due to alkalinity.
- Avoid release into environment.
- No bioaccumulation expected.

### SECTION 13 – Disposal Considerations

- Dispose of contents/container in accordance with local/regional/national regulations.
- Neutralize before disposal if permitted.



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**SECTION 14 – Transport Information**

**UN Number:** 1760

**UN Proper Shipping Name:** Corrosive liquid

**Hazard Class:** 8

**Packing Group:** II

**Label:** Corrosive

**Special precautions:** Ensure packaging complies with regulations for corrosive liquids. Use HDPE or equivalent containers. Label properly.

**Bulk Transport:** Allowed in large quantities under applicable transport regulations for corrosive liquids.

**SECTION 15 – Regulatory Information**

- This product is classified and labeled according to GHS and relevant transport regulations.
- Components listed in EINECS, TSCA, REACH.

**SECTION 16 – Other Information**

Prepared in accordance with GHS standards.

This document is provided without warranty and is intended for guidance only.