

# SAFETY DATA SHEET

## No.1 : Product and company identification

### Product detail

Product name : Alkaline Coil Cleaner  
Use : Cleaner for Air conditioning and refrigeration coils.

## No.2 : COMPOSITION / INFORMATION ON INGREDIENT

Chemical Name	:	CAS No	Proportion
NaOH	:	1310-73-2	15%-20%
Surfactants	:	-	0.5-1.0%

## No.3 : PHYSICAL AND CHEMICAL PROPERTIES

Appearance : Clear purple Red Liquid  
Odor : Odourless  
Solubility : Water, alcohol (e.g. ethanol), glycerol  
Specific Gravity : <1.20-1.30  
PH : 11-13  
Flash point (°C) : N.A  
Boiling pt (c) : ~100/212 °F

#### **No. 4 : HAZARD IDENTIFICATION**

- : Toxic by ingestion and inhalation, seriously corrosive to eyes, skin. Harmful to aquatic life  
This product contains a chemical which is listed as a marine pollutant according to DOT.  
eco toxicity 4.9% of the mixture consists of components(s) of in known hazards to the aquatic environment.

#### **No. 5 : FIRST AID MEASURES**

- Eye Contact** : Flush immediately gently thoroughly with flooding amounts of water until transport to an emergency medical facility. Do not allow the victim to keep his eyes tightly shut. Warning Although splashed in only one eyes, sodium hydroxide may affect the sight of the other eyes if prompt medical attention is not received.
- Skin Contact** : Quickly removes contaminated clothing. Rinse affected skin with flooding amounts of water for 10 minutes; wash if with soap water. For reddened or blistered skin, contact a physician.
- Inhalation** : Remove exposed person to fresh air and support breathing as needed. Do keep patient warm and at rest. Administer oxygen if necessary.
- Ingestion** : Never give anything to mouth to an unconscious or convulsing person. Not induce vomiting. Unless otherwise advised, have that conscious and alert person drink 1-2 glasses of water to dilute followed by vinegar or fruit juice neutralize the poison.

#### **No. 6 : FIRE FIGHTING MEASURES**

- Extinguishing media** : Non combustible but when in contact with moisture or water, can generate enough heat to ignite surrounding combustibles.  
The fried product is combustible, decomposition product can be toxic.  
Extinguishing media - Water, powder, CO<sub>2</sub>, sand...all extinguishing media are suitable.
- Fire fighting** : Fire fighter must use self-contained breathing apparatus and Instruction water fully protected clothing. Do not splatter or splash this material.

#### **No. 7 : ACCIDENTAL RELEASE MEASURE**

- Leak / spill** : Wear protective equipment. Notify safety personnel, isolate hazard area, deny entry and stay upwind. Use water spray to disperse vapours but do not spray directly on spill. Absorb small liquid spill with fly ash or cement powder. Neutralize spill with vinegar or diluted acid. For large wet spill, dike flow using soil, sand bags, foamed polyurethane or concrete to contain for later disposal.

#### No 8 : HANDLING AND STORAGE

- Handling : Use with adequate ventilation and avoid direct skin and eyes contact.
- Care should be taken when diluting solutions. Avoid inhalation of high concentration of mists.
- Do not eat drink and smoke in the working are. Always wash hands before eating/drinking. Clear the respective protective equipment after use.
- Storage : Store in dry, well-ventilated area away from water, acid metals, flammable.

#### No 9 : EXPOSURE CONTROL AND PERSONAL PROTECTION

- Personal : Wear overall personal protective equipment (alkaline resistance) such as safety shoe, goggles, gloves, respirator. PVC IS RECOMMENDED. Make available in the work are emergency eyewash station, safety/quick drench showers and washing facilities.

#### No 10. : STABILITY AND REACTIVITY

- Chemical stability : Material is stable under conditions.
- Hazardous : Won't occur.
- Incompatibles : Oxidizing agents.

#### No 11 : TOXICOLOGICAL INFORMATION

- Product information : Primary routes of entry: Eye contact, skin contact, inhalation, ingestion (possible but consider unlikely).
- Inhalation : Deliberate inhalation of concentrated vapour or mist may cause headache, dizziness and nausea.
- Eye Contact : Severely irritating to eyes.
- Skin contact : May cause skin irritation after contact with skin.  
Keep out of reach of children.



## **No. 12 : DISPOSAL INFORMATION**

Waste disposal : Contact a licensed contractor for detailed recommendations.  
Follow applicable with local, regional, national regulations.

## **No. 13 : OTHER INFORMATION**

Prepared by Regulatory Department

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Revision note

This SDS supersedes a previous SDS dated

Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of publication. The information given is designed only as a guidance for safe handling a warranty or quality specification.

The information relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any process, unless specified in the text.

End of Safety Data Sheet.