

MATERIAL SAFETY DATA SHEET

(Prepared According to 29 CFR 1910.1200)

KEY CODE 010

SECTION 1 - PRODUCT IDENTIFICATION

Trade Name MIRACOIL AIR CONDITIONER CLEANER Product Type Air Conditioner Coil Cleaner

SECTION 2 - HAZARDOUS INGREDIENTS

CHEMICAL NAME/COMMON NAME	CAS NO.	PERCENT(optional)	TLV(Source)
Sodium Hydroxide	1310-73-2		2mg/m3(ceiling)(OSHA); 2mg/m3 (ceiling)(ACGIH)

Other ingredients in this product are : Less than 1% by weight or less than 0.1% for carcinogens Not hazardous Declared to be Trade Secret

SECTION 3 - PHYSICAL DATA

Boiling point(°F.) near 212 Specific Gravity(H₂O=1.0) (± 0.005) 1.100 pH (± 0.5) Over 14
 Vapor Pressure(mm Hg) Unknown Vapor Density(Air=1) Unknown
 Solubility in water Complete Insoluble Emulsifiable (or Dispersible) Slight (or Partial)
 Evaporation Rate(vs. H₂O) Faster Slower About the Same
 Appearance and Odor Liquid, citrus odor

SECTION 4 - FIRE AND EXPLOSION HAZARD DATA

Flash Point(T.C.C.) °F. None to Boiling Flammable Limits Upper Unknown Lower Unknown
 Extinguishing Media CO₂, dry chemical, foam, water spray.
 Special Firefighting Procedures Do not enter confined fire-spaces without protective clothing and self-contained air supply.
 Unusual Fire and Explosion Hazards None known.

SECTION 5 - REACTIVITY DATA

Stability Stable Incompatibility Strong oxidizers
 Hazardous Decomposition Products Carbon monoxide and other unidentified organic gases may occur during incomplete combustion.

SECTION 6 - HEALTH HAZARDS

Primary Routes of Exposure Eye Skin Oral Inhalation Other
 Signs and Symptoms Prolonged or repeated contact of concentrated product with skin and/or eyes can cause chemical burns. If taken internally, concentrated product may cause damage to mouth, throat or stomach. Inhalation of mist or spray may cause irritation to nose, throat or lungs if adequate ventilation is not employed.
 Signs and Symptoms of Overexposure(Chronic)None known
 Medical Conditions Aggravated by Overexposure None known Carcinogen/Suspect Carcinogen Ingredients NTP OSHA IARC NONE

SECTION 7 - EMERGENCY AND FIRST AID PROCEDURES

Eyes Flush immediately with water for at least 15 minutes. Call a physician.
 Skin Flush skin with plenty of water for at least 15 minutes. Remove contaminated clothing/ shoes. Call a physician. Wash clothing before reuse.
 Ingestion If swallowed do NOT induce vomiting. Give large quantities of water, followed by one oz. of vinegar in an equal amount of water. Call a physician.
 Inhalation No known ill effects from inhalation. If breathing becomes difficult, remove exposed person to fresh air. Treat symptomatically and investigate other possibilities.

SECTION 8 - SPECIAL PROTECTION INFORMATION

Respiratory Protection Not needed under normal conditions of use.
 Ventilation Requirements Local Exhaust Mechanical Room Ventilation Is Adequate
 Protective Gloves Rubber Eye Protection Safety glasses/goggles Other Protective Clothing May be needed where likely exposure may occur

SECTION 9 - SPILL OR LEAK PROCEDURES

Steps to be Taken if Released or Spilled Small spills: flush area with water. Neutralize spill with dilute acids. Large spills: Remove as much material as possible, then neutralize residue as under small spills.
 Waste Disposal Methods Dispose of in accordance with applicable Federal, State and Local ordinances.

SECTION 10 - STORAGE AND HANDLING INFORMATION

Precautions to be Taken Do not get in eyes, on skin, on clothing. Avoid breathing vapor or mist. Keep container closed. Use with adequate ventilation. Wash thoroughly after handling in Handling and Storage

The health hazards given on the Material Safety Data Sheet apply to this product in its concentrated form (as supplied) and may differ significantly at use dilution. The signs and symptoms of over exposure apply only to negligence in handling or misuse of the concentrated product and not to the routine exposure to the product, under normal conditions of use.

MR2

1/1/2008