

# COIL CARE #2240

Heavy-Duty Degreaser for Air Conditioning Coils, Fins and Filters



## Features:

- Acid-free
- Biodegradable
- Non-corrosive
- Non-polluting
- Non-flammable
- Non-toxic
- Concentrated liquid



## Description:

COIL CARE is a concentrated water-based, butyl, heavy-duty cleaner/degreaser. It has the ability to penetrate, emulsify and lift away most soils found on air conditioning coils, fins and filters. Regular use boosts air conditioning systems efficiency and also helps cut electrical costs. This product will not induce corrosion of ferrous materials. This product is environmentally safe. It contains no highly toxic solvents and the surfactants contained are considered 95% biodegradable. As a cleaner, it removes soils such as grease, ink, oil, dirt, wax and carbon. Removes stains associated with mold and mildew.

COIL CARE is intended for use as a compound for treating boilers, steam lines, and/or cooling systems where neither the treated water nor the steam produced may contact edible products in areas of official establishments operating under the Federal meat, poultry, shell egg grading and egg products inspection programs where there is no possibility of food contact in food processing and food handling establishments.

## Applications:

- Coils
- Fins
- Filters

## Product Characteristics:

Physical State:	Liquid
Color:	Purple/clear
Odor:	Solvent
Boiling Point:	212°F
Vapor Pressure:	Unknown
Specific Gravity:	1.05
Water Solubility:	Complete
Flash Point:	Not available
pH:	12.5-13.5
Storage:	Store locked up.
<b>Transport Information:</b>	
UN Number:	N/A
Proper Shipping Name:	N/A
Class:	8 - Corrosive
Packing Group:	II

## Directions:

Turn the unit off. Dilute one part concentrate to 10 parts water. Using a pump-up sprayer, apply directly to fins and coils. Allow the solution to remain for 3 minutes, and rinse surfaces thoroughly with water.

**NOTE:** DO NOT USE UNDILUTED NEAR GLASS, WATER-BASED PAINTED SURFACES, COPPER OR ALUMINUM. The use of all cleaning compounds in federally inspected meat and poultry establishments must be followed by a potable water rinse.

## DOT Placard:

Yes.

## Pictograms:



## Signal Word:

DANGER

## Personal Protective Equipment Required:





# SAFETY DATA SHEET

## 1. Product and Company Identification

<b>PRODUCT NUMBER:</b>	2240	<b>COMPANY PHONE:</b>	1-800-241-8180
<b>PRODUCT NAME:</b>	COIL CARE	<b>EMERGENCY TELEPHONE:</b>	1-800-241-8180
<b>PRODUCT DESCRIPTION:</b>	Heavy-Duty Degreaser For Air Conditioning Coils, Fins, & Filters	<b>INFOTRAC:</b>	1-800-535-5053
<b>COMPANY INFORMATION:</b>	PRO CHEM, INC. 1475 Bluegrass Lakes Parkway Alpharetta, GA 30004		

## 2. Hazards Identification

<b>GHS CLASSIFICATION:</b> Skin Corrosion/Irritation: Category 1C	<b>SIGNAL WORD:</b> DANGER	<b>SYMBOL:</b>	
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### HAZARD STATEMENTS:

Causes severe skin burns and eye damage.

### PRECAUTIONARY STATEMENTS:

#### Response:

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

IF INHALED: Remove person to fresh air and keep comfortable for breathing.

IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.

IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.

Wash contaminated clothing before reuse.

#### Prevention:

Do not breathe dust/fume/gas/mist/vapors/spray.

Wash hands thoroughly after handling.

Wear protective gloves/protective clothing/eye protection/face protection.

**Storage:** Store locked up.

**Disposal:** Dispose of contents/container in accordance with local/regional/national/international regulations.

### INGREDIENTS OF UNKNOWN TOXICITY:

0%

### HAZARDS NOT OTHERWISE CLASSIFIED:

No data available.

## 3. Composition / Information on Ingredients

CHEMICAL NAME	CAS	Concentration % by Weight
2-Butoxyethanol	111-76-2	4%
Poly(oxy-1,2-ethanediyl), .alpha.-(nonylphenyl)-.omega.-hydroxy-	9016-45-9	2%
Silicic acid (H <sub>2</sub> SiO <sub>3</sub> ), disodium salt	6834-92-0	2%
EDTA (Dissolvine 100-S)	64-02-8	1%

## 4. First Aid Measures

### EMERGENCY OVERVIEW

**EYES:** Immediately flush with plenty of water. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes. Have eyes examined and tested by medical personnel.

**SKIN:** In case of contact, immediately flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Get medical attention immediately. Thoroughly wash (or discard) clothing and shoes before reuse.

### INHALATION:

If exposed to excessive levels of dusts or fumes, remove to fresh air and get medical attention if cough or other symptoms develop.

### INGESTION:

If swallowed, do NOT induce vomiting. Give victim a glass of water or milk. Call a physician or poison control center immediately. Never give anything by mouth to an unconscious person.

## 5. Fire-Fighting Measures

### SUITABLE FIRE EXTINGUISHING MEDIA:

Use alcohol foam, carbon dioxide, or water spray when fighting fires involving this material.

### UNSUITABLE FIRE EXTINGUISHING MEDIA:

N/A

### SPECIAL PROTECTIVE EQUIPMENT FOR FIRE FIGHTERS:

As in any fire, wear self-contained breathing apparatus pressure-demand MSHA/NIOSH (approved or equivalent) and full protective gear.

## 6. Accidental Release Measures

### LARGE SPILLS:

Stop leak at source and collect into suitable container, then treat as a small spill.

### SMALL SPILLS:

Absorb with an inert solid and scoop up for disposal, then rinse soiled area with water.

## 7. Handling and Storage

### SAFE HANDLING:

Avoid contact with eyes, skin and clothing. Wash thoroughly after handling. Follow all SDS/label precautions even after container is emptied because they may retain product residues.

### SAFE STORAGE & INCOMPATIBILITIES:

Store in a cool dry place. Keep container closed when not in use.

## 8. Exposure Controls / Personal Protection

	ACGIH TLV	OSHA PEL	STEL
2-Butoxyethanol	20ppm (skin)	50ppm	N/A
Poly(oxy-1,2-ethanediyl), .alpha.-(nonylphenyl)-.omega.-hydroxy-	N/A	N/A	N/A
Silicic acid (H <sub>2</sub> SiO <sub>3</sub> ), disodium salt	N/A	N/A	N/A
EDTA (Dissolvine 100-S)	N/A	N/A	N/A

### PERSONAL PROTECTIVE EQUIPMENT:



**Eye protection:** Safety glasses or goggles.

**Skin Protection:** Nitrile or polyethylene gloves and aprons. Do not use cotton.

**Respiratory Protection:** Not available.

**Ventilation:** Positive downdraft exhaust ventilation should be provided to maintain vapor concentration below TLV.

## 9. Physical & Chemical Properties

<b>Appearance:</b>		<b>Flammability:</b>	Not available.
<b>Physical State:</b>	Liquid.	<b>Density Lbs/Gal:</b>	Not available.
<b>Color:</b>	Purple/clear.	<b>Pounds Per Cubic Foot:</b>	Not available.
<b>Odor:</b>	Solvent.	<b>Boiling Range:</b>	Not available.
<b>Odor Threshold:</b>	Not available.	<b>UEL:</b>	Not available.
<b>Ph:</b>	12.5-13.5	<b>Vapor Pressure:</b>	Unknown.
<b>Melting Point:</b>	Not available.	<b>Vapor Density:</b>	Unknown.
<b>Boiling Point:</b>	212°F	<b>Solubility:</b>	Complete.
<b>Partition Coefficient (N-Octanol/Water):</b>	Not available.	<b>Auto-Ignition Temp:</b>	Not available.
<b>Viscosity:</b>	Not available.	<b>Decomposition Temp:</b>	Not available.
<b>Specific Gravity:</b>	1.05	<b>VOC%:</b>	Not available.
<b>Flash Point:</b>	Not available.	<b>Fp Method:</b>	Not available.
<b>LEL:</b>	Not available.	<b>Evaporation Rate:</b>	Not available.

## 10. Stability & Reactivity Information

### REACTIVITY:

Stable.

### INCOMPATIBLE MATERIALS:

Chlorine bleach, oxidizers, acids.

### CONDITIONS TO AVOID:

Temperature extremes.

### DECOMPOSITION PRODUCTS:

Will not occur.

### HAZARDOUS POLYMERIZATION:

Will not occur.

## 11. Toxicological Information

### PRIMARY ROUTE OF ENTRY:

Skin contact/absorption and inhalation.

### SIGNS AND SYMPTOMS OF OVEREXPOSURE:

Gastrointestinal irritation (nausea, vomiting, diarrhea), irritation to nose, throat, and respiratory tract.

### TARGET ORGAN EFFECTS:

Overexposure to this material (or its components) has been suggested as a cause of the following effects in laboratory animals and may aggravate pre-existing disorders or these organs in humans: chronic ingestion may cause kidney and liver lesions at high doses.

### IMMEDIATE HEALTH EFFECTS:

**EYES:** Corrosive. Exposure will cause noticeable pain, and severe irritation and transient corneal injury.

**SKIN:** Corrosive. Causes chemical burns. Harmful contact may not cause immediate pain. Ethylene glycol monobutyl ether and 2-aminoethanol may be absorbed through the skin.

**INHALATION:** Exposure to vapor or mist is possible. Short-term inhalation is not likely to cause harmful effects: breathing large amounts may be harmful. Symptoms are more typically seen at air concentrations exceeding the recommended exposure limits.

**INGESTION:** Harmful or fatal if swallowed. Causes chemical burns to the mouth, throat and stomach.

### REPRODUCTIVE/DEVELOPMENTAL INFORMATION:

No data.

### CARCINOGENIC INFORMATION:

This material is not listed as a carcinogen by IARC, NTP or OSHA.

### LONG TERM EFFECTS:

No data.

**12. Ecological Information**

No data available.

**13. Disposal Consideration**

For proper disposal of waste, refer to federal and state regulations.

**14. Transportation Information****UN Number:** 3266**UN Proper Shipping Name:** Corrosive liquid, basic, inorganic, n.o.s. contains (Sodium Metasilicate Pentahydrate)**DOT Classification:** 8 - Corrosive**Packing Group:** II**15. Regulatory Information****US FEDERAL REGULATIONS**

TSCA (Toxic Substances Control Act) Status

TSCA (United States) The intentional ingredients of this product are listed.

CERCLA RQ - 40 CFR 355 Appendix A: None

SARA 302 Components 40 CFR Appendix A: None

Section 311/312 Hazard Class 40 CFR 370.2

Immediate (X) Delayed (X) Fire ( ) Reactivity ( ) Sudden Release of Pressure ( )

SARA 313 Components - 40 CFR 372.65

**STATE AND LOCAL REGULATIONS**

California Proposition 65: None

California SCAQMD Rule 443.1 VOC's: &gt; 100g/L

North Carolina Administrative Code 2D.1104 and 2B.0610: None

South Carolina Regulation 62.5 Standard Number 8: None

**16. Other Information****N/A = Not Applicable; N/D = Not Determined****DISCLAIMER:**

To the best of our knowledge, information contained herein is accurate. However, there is no assumption of liability for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazard, which exists. The information contained in this SDS was obtained from current and reliable sources; however, the data is provided without any warranty, expressed or implied, regarding its correctness or accuracy. Since the conditions or handling, storage and disposal of this product are beyond the control of the manufacturer, the manufacturer will not be responsible for loss, injury, or expense arising out of the products improper use. No warranty, expressed or inferred, regarding the product described in this SDS shall be created or inferred by any statement in this SDS. Various government agencies may have specific regulations regarding the transportation, handling, storage, use, or disposal of this product, which may not be covered by this SDS. The user is responsible for full compliance.

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An exclusive product of:

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**CAUTION: KEEP OUT OF REACH OF CHILDREN. DO NOT TAKE INTERNALLY.**

FOR COMMERCIAL AND INSTITUTIONAL USE ONLY  
OR FOR SALE TO, USE AND STORAGE BY SERVICE PERSONS

**FIRST AID**

**Skin:** Immediately flush with water for 15 minutes. Call physician if irritation persists. Completely decontaminate clothing, shoes, and leather goods before reuse or discard.

**Eyes:** Immediately flush with water. Remove contact lenses if applicable, and continue flushing with water for 15 minutes. Call a physician immediately.

**Ingestion:** Do not induce vomiting. Rinse mouth with water, then drink one or two glasses (8-16 oz.) of water or milk. Call a physician immediately. Never give anything by mouth if victim is unconscious, is rapidly losing consciousness or is convulsing.

**Inhalation:** If symptoms develop, move victim to fresh air. If symptoms persist, call a physician.

**Primary Routes of Entry:** Skin contact/absorption and inhalation.

**Target Organ Effects:** Kidney and liver lesions at high doses.

HMIS RATINGS:	MINIMAL-0	SLIGHT-1	MODERATE-2
Health	2	SERIOUS-3	SEVERE-4
Flammability	0	Personal Protective Equipment: B	
Reactivity	0	B= Safety glasses and gloves	

NET CONTENTS: 1 GALLON CONTROL NUMBER: 35989

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