





SAFETY DATA SHEET

1. Product and Company Identification

PRODUCT NUMBER:	1516	COMPANY PHONE:	1-800-241-8180
PRODUCT NAME:	COIL FRESH	EMERGENCY TELEPHONE:	1-800-241-8180
PRODUCT DESCRIPTION:	Evaporator Coil Cleaner and Disinfectant	INFOTRAC:	1-800-535-5053
COMPANY INFORMATION:	PRO CHEM, INC. 1475 Bluegrass Lakes Parkway Alpharetta, GA 30004		

2. Hazards Identification

GHS CLASSIFICATION: Flammable Aerosol: Category 2 Liquefied Gas Eye Irritant: Category 2b	SIGNAL WORD: WARNING	SYMBOL:		
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HAZARD STATEMENTS:
Flammable aerosol contains gas under pressure; may explode if heated. Causes eye irritation. This product contains the following percentage of chemicals of unknown toxicity: 0%

PRECAUTIONARY STATEMENTS:
Keep away from heat, sparks, open flames, and hot surfaces. No smoking. Do not spray on an open flame or other ignition source. Pressurized container: Do not pierce or burn, even after use. Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F. Store in a well-ventilated place. Wash hands thoroughly after handling. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical attention.

HAZARDS NOT OTHERWISE SPECIFIED:
Not applicable.

3. Composition / Information on Ingredients

CHEMICAL NAME	CAS	Concentration % by Weight
2-Butoxyethanol	111-76-2	5-10
Propane/n-Butane	68476-86-8	3-7
Isopropyl Alcohol	67-63-0	1-5
Ethylenediaminetetraacetic Acid (EDTA)	60-00-4	0.5-1.5
Sodium Hydroxide	1310-58-3	0.5-1.5

4. First Aid Measures

EMERGENCY OVERVIEW

EYES: If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice or attention.

SKIN: Wash thoroughly with soap and water. Seek medical attention if irritation develops.

INHALATION:
Move to fresh air. If breathing is difficult or unconscious, administer oxygen. If not breathing administer artificial respiration. Seek medical attention if irritation persists.

INGESTION:
Do not induce vomiting unless directed by medical authority. Immediately rinse mouth with water. Drink large quantities (1 qt, 2-4 glasses) of warm water. Seek immediate medical attention.

ACUTE HEALTH HAZARDS:
Eyes: redness, tearing, blurred vision.

CHRONIC HEALTH HAZARDS:
None known.

NOTE TO PHYSICIAN:
There is no specific treatment regimen. Treatment of overexposure should be directed at the control of symptoms and the clinical condition of the patient.

5. Fire Fighting Measures

SUITABLE FIRE EXTINGUISHING MEDIA:
Dry chemical, carbon dioxide, foam, water spray for cooling.

UNSUITABLE FIRE EXTINGUISHING MEDIA:
N/A.

SPECIFIC FIRE-FIGHTING METHODS:
Cool fire exposed containers with water fog to prevent bursting.

SPECIAL PROTECTIVE EQUIPMENT FOR FIRE FIGHTERS:
Wear NIOSH approved self-contained breathing apparatus with a full face piece operated in a positive pressure demand mode with full body protective clothing when fighting fires. Avoid breathing smoke, fumes, and decomposition products.

UNUSUAL FIRE AND EXPLOSION HAZARDS:
Keep away from sparks, open flames, and hot surfaces. No smoking. Do not spray on an open flame or other ignition source.

HAZARDOUS COMBUSTION PRODUCTS:
N/A.

6. Accidental Release Measures

PERSONAL PRECAUTIONS:

Refer to Section 8 for proper personal protective equipment.

ENVIRONMENTAL PRECAUTIONS AND CLEAN-UP METHODS:

Absorb spill with non-combustible material such as vermiculite, sand, or earth.

7. Handling and Storage

HANDLING AND STORAGE:

Protect from sunlight. Store in a well-ventilated place. Do not expose to temperatures exceeding 50°C/122°F. Pressurized container: Do not pierce or burn, even after use.

OTHER PRECAUTIONS:

Keep out of the reach of children.

INCOMPATIBILITY:

Strong acids, strong alkalis, strong oxidizing agents.

8. Exposure Controls / Personal Protection

CHEMICAL NAME	OSHA PEL	ACGIH TLV
2-Butoxyethanol	50 ppm	20 ppm
Propane/n-Butane	1000 ppm	1000 ppm
Isopropyl Alcohol	500 ppm	400 ppm
Ethylenediaminetetraacetic Acid (EDTA)	15 mg/m ³	Not Established
Sodium Hydroxide	2 mg/m ³	2 mg/m ³

PERSONAL PROTECTIVE EQUIPMENT:



EYE PROTECTION: Safety glasses.

SKIN PROTECTION: Chemical resistant gloves. Wash hands thoroughly after handling.

RESPIRATORY PROTECTION: Not required under normal use. If exposure levels are exceeded then organic vapor cartridge respirator or SCBA will be needed.

ENGINEERING CONTROLS:

General ventilation and local exhaust recommended.

9. Physical & Chemical Properties

APPEARANCE:	White Foam Aerosol	FLAMMABILITY:	Flammable aerosol.
ODOR:	Citrus scent, moderate ammonia odor	Flammability Limit-lower (%):	Not determined.
ODOR THRESHOLD:	Not determined.	Flammability Limit-upper (%):	Not determined.
pH:	12.3	FLASH POINT:	Not determined.
BOILING POINT:	> 212°F (100°C)	VOLATILITY:	> 80%
FREEZING POINT:	< 32°F (0°C)	VAPOR PRESSURE:	17.5 @ 77°F (25°C)
VISCOSITY:	Not determined.	EVAPORATION RATE:	< 1
SPECIFIC GRAVITY:	1.00 @ 77° F (25° C)	SOLUBILITY (water):	100%
SOLIDS(%):	3%	AUTO-IGNITION TEMP:	Not determined.
VOC:	16%	DECOMPOSITION TEMP:	Not determined.
DIELECTRIC STRENGTH (Volts):	Not applicable.	VAPOR DENSITY(Air=1):	<1
PARTITION COEFFICIENT(n-octanol/water (Kow)):	Not determined.		

10. Stability & Reactivity Information

REACTIVITY:

None known.

CHEMICAL STABILITY:

Stable.

INCOMPATIBLE MATERIALS:

Strong acids, strong alkalis, strong oxidizing agents.

CONDITIONS TO AVOID:

Temperatures greater than 122°F and sources of ignition.

DECOMPOSITION PRODUCTS:

Oxides of carbon.

POSSIBLE HAZARDOUS REACTIONS:

None known.

11. Toxicological Information

2-Butoxyethanol (111-76-2) LD50 (Oral, Rat) 470 mg/kg; LC50 (Inhalation, Rat, 4 hr) 450 ppm; LD50 (Dermal, Rabbit) 220 mg/kg **Isopropyl Alcohol** (67-63-0) LD50 (Oral, Rat) 5045 mg/kg; LD50 (Oral, Rabbit) 5045 mg/kg; LD50 (Dermal, Rabbit) 12,800 mg/kg; LC50 (Inhalation, Rat, 8 hr) 16,000 ppm.

PRIMARY ROUTE OF ENTRY: Eyes, Ingestion, Inhalation, Skin.

EYES: Causes mild irritation.

SKIN: May cause mild irritation, dryness with prolonged or repeated contact.

INHALATION: Irritant. Avoid breathing spray mist. May cause irritation to respiratory tract.

INGESTION: May cause gastrointestinal irritation, abdominal cramps.

MEDICAL CONDITION AGGRAVATED:
None known.

ACUTE HEALTH HAZARDS:
Eyes: redness, tearing, blurred vision.

CHRONIC HEALTH HAZARDS:
None known.

CARCINOGENICITY:
OSHA: No ACGIH: No NTP: No IARC: No OTHER: No.

12. Ecological Information

ECOLOGICAL INFORMATION:
Isopropyl Alcohol (67-63-0) LC50 (Fathead Minnow, 96 hrs) 100,000 mg/L.

BIODEGRADABILITY:
Component or components of this product are not biodegradable.

BIOACCUMULATION:
This product is not expected to bioaccumulate.

SOIL MOBILITY:
This product is mobile in soil.

OTHER ECOLOGICAL HAZARDS:
None known.

13. Disposal Consideration

Dispose of in accordance with federal, state, and local regulations. Do not reuse, puncture, or incinerate container. Wrap container and place in trash collection.

14. Transportation Information

PROPER SHIPPING NAME: Aerosols, Ltd. Qty.
HAZARD CLASS/DIVISION: 2.1
UN/NA NUMBER: UN 1950
PACKAGING GROUP: N/A

AIR SHIPMENT
PROPER SHIPPING NAME: Aerosols, Ltd. Qty.
HAZARD CLASS/DIVISION: 2.1
UN/NA NUMBER: UN 1950
PACKAGING GROUP: N/A

SHIPPING BY WATER:
VESSEL (IMO/IMDG)
PROPER SHIPPING NAME: Aerosols, Ltd. Qty.
HAZARD CLASS/DIVISION: 2.1
UN/NA NUMBER: UN 1950
PACKAGING GROUP: N/A
ENVIRONMENTAL HAZARDS WATER: N/A

15. Regulatory Information

TSCA STATUS:
All Chemicals are listed or exempt.

CERCLA (COMPREHENSIVE RESPONSE COMPENSATION, AND LIABILITY ACT):
None.

SARA 311/312 HAZARD CATEGORIES:
SARA 313 REPORTABLE INGREDIENTS: 2-Butoxyethanol (111-76-2)
CLEAN WATER ACT: None.

STATE REGULATIONS:
California Proposition 65: None.
2-Butoxyethanol (111-76-2) Right-to-Know acts for New Jersey, Massachusetts, Pennsylvania, Rhode Island, Illinois, Florida, Minnesota; Massachusetts spill list.

INTERNATIONAL REGULATIONS:
2-Butoxyethanol (111-76-2) Europe (EINECS), Japan (ENCS), Australia (AICS), WHMIS (Canada), DSCL (EEC), NDSL, Korea (ECL), Philippines (PICCS), New Zealand (NZIOC), China (IECS).

This chemical is a pesticide product registered by the Environmental Protection Agency and is subject to certain labeling requirements under federal pesticide law. These requirements differ from the classification criteria and hazard information required for safety data sheets, and for workplace labels of non-pesticide chemicals. Following is the hazard information as required on the pesticide label:

CAUTION:
Causes moderate eye irritation. Avoid contact with eyes, skin or clothing. Harmful if swallowed or absorbed through skin. Wash thoroughly with soap and water after handling and before eating, drinking or using tobacco. Contents under pressure. Do not use or store near heat or open flame. Exposure to temperatures above 130°F may cause bursting. Never throw container into fire or incinerator. EPA Reg. No. 44446-23

RCRA Status:
Not listed as hazardous waste under RCRA, however product should be fully characterized prior to disposal (40 CFR 261).

16. Other Information

N/A = Not Applicable; N/D = Not Determined

NFPA	Health Hazards: 1	Flammability: 1	Instability: 1	Physical & Chemical Properties: None
HMIS	Health Hazards: 1	Flammability: 1	Physical hazards: 1	Personal protection: A

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.