



COSHH DATA SHEET

Pro-Care

Total Pages: 3

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COSHH Safety Data Sheet #: Pro-Care
 Catalogue #: PRO-CARE

SECTION 1. PRODUCT NAME

Pro-Care Concentrated Evaporator Coil Cleaner and Disinfectant

SECTION 2. HAZARDOUS INGREDIENTS INFORMATION

INGREDIENT	CAS NO	OSHA PEL	ACIGH TLV	OTHER STEL	% OR RANGE
Water	7732-18-5				75-85
Sodium silicate	1344-09-8				0-5
Alkylaryl polyether alcohol	Not applicable (Mixture)				0-5
Alkyl dimethylbenzyl ammonium chloride	68424-85-1		None established		0-5

SECTION 3. HAZARDS IDENTIFICATION

Emergency Overview: Clear blue liquid. Concentrated product is corrosive to the eyes, skin, gastrointestinal tract, and respiratory system.

Health Effects:

Skin: Mildly corrosive. May cause burns. Brief exposures may cause irritation and defatting of the skin. Exposures not promptly washed off may lead to toxic effects similar to ingestion. Harmful if absorbed through skin.

Eyes: Causes burns and may result in permanent injury to eyes including blindness.

Inhalation: Harmful if inhaled. Mists can irritate the throat and respiratory tract. Symptoms may include headaches, dizziness, and drowsiness.

Ingestion: Harmful if swallowed. Ingestion can cause gastrointestinal irritation, nausea, vomiting and diarrhea and possibly death.

Aggravation of Pre-existing Conditions: Persons with pre-existing skin disorders or eye problems or impaired respiratory function may be more susceptible to the effects of the substance.

SECTION 4. FIRST AID

Eyes: Immediately flush eyes with water for 15-20 minutes, while holding eyelids open. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Seek medical attention at once.

Skin or Clothing: Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control centre or doctor for treatment advice.

Inhalation: If symptoms are experienced, move victim to fresh air. If person is not breathing call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible. Call a poison control centre or doctor for further treatment advice.

Ingestion: Call a poison control centre or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by a poison control centre or doctor. Do not give anything by mouth to an unconscious person.

Note to Physician: Probable mucosal damage may contraindicate the use of gastric lavage.

SECTION 5. FIRE FIGHTING MEASURES

Flash Point: None

Explosion: Will not explode

Fire Extinguishing Media: Use any means suitable for extinguishing surrounding fire.

Special Information: Irritating and toxic gases or fumes may be released during a fire.

Fire Fighting Equipment & Instructions: Fire fighters should wear full protective clothing including self-contained breathing apparatus with full face piece operated in the pressure demand or other positive pressure mode. Cool fire exposed containers with a water spray.

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SECTION 6. SPILL/ACCIDENTAL RELEASE MEASURES

Emergency Action: Isolate spill or leak area immediately. Keep unauthorized personnel away. Dike the spill to prevent the spread of the liquid.

Spill Cleanup: Ventilate closed spaces before entering. Floor may be slippery. Do not touch or walk through spilled material. Stop leak if you can do it without risk. Prevent entry into waterways or sewers. Absorb or cover with dry earth, sand or other non-combustible material and transfer to containers.

SECTION 7. HANDLING AND STORAGE

Keep in a tightly closed container. Protect from physical damage. Store in a cool, dry, ventilated area away from extreme heat, freezing temperatures and incompatibles. Observe all warnings and precautions listed for the product. Keep this and all chemicals out of the reach of children.

Handling Procedures: Avoid contact with skin and eyes. Use good personal hygiene practices. Wash hands before eating, drinking, smoking, or using toilet facilities. Wash thoroughly after work using soap and water.

SECTION 8. EXPOSURE CONTROLS /PERSONAL PROTECTION

Airborne Exposure Limits:

OSHA Permissible Exposure Limit (PEL): Not established

ACGIH Threshold Limit Value (TLV): Not established

Ventilation System: A system of local and/or general exhaust is recommended to maintain fresh air.

Personal Respirators (NIOSH Approved): None suggested for normal use.

Skin Protection: Wear impervious gloves to minimize prolonged skin contact.

Eye Protection: Use chemical safety goggles and/or a full face shield where splashing is possible. Maintain eye wash fountain and quick-drench facilities or a source of running water in the work area.

Work Hygienic Practices: Use proper industrial hygiene practices to minimize exposure. Wash hands after handling this material, and before eating or smoking.

SECTION 9. PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling Point: >212°F (100°C)

Vapour pressure (mm Hg): Same as water

Vapour Density (Air = 1): Same as water

Solubility in water: Water miscible

Appearance and odour: Blue liquid with a non-descript odour.

Specific gravity (H₂O = 1): 1.03

Melting Point (Pour Point): <32°F (0°C)

Evaporation Rate (Water = 1): Not applicable

pH of 5% solution: 10-11

SECTION 10. STABILITY AND REACTIVITY DATA

Stability: Stable under ordinary conditions of use and storage.

Hazardous Decomposition Products: May evolve carbon monoxide, carbon dioxide, hydrogen chloride and other unidentified fragments if this product is involved in a fire.

Hazardous Polymerization: Will not occur.

Incompatibilities: Strong oxidizers

Conditions to Avoid: Heat, freezing, incompatibles.

SECTION 11. TOXICOLOGY INFORMATION

Carcinogenicity: No data available for this product.

Acute Oral LD50: No data available for this product.

Acute Dermal: No data available for this product.

Primary Skin: No data available for this product.

Primary Eye: No data available for this product.

Chemicals Ingredients Listed as Potential or Known Carcinogens: No ingredients listed in this section.

SECTION 12. ECOLOGICAL INFORMATION

Environmental Fate: No information is available for this mixture, however similar materials exhibit varying degrees of aquatic toxicity .

Environmental Toxicity: This product is biodegradable.

SECTION 13. DISPOSAL CONSIDERATIONS

Dispose of spill-clean up and other wastes in accordance with Federal, State, and local regulations. Whatever cannot be saved for recovery or recycling should be managed in an appropriate and approved waste facility.

Disposal Instructions: This substance, when discarded or disposed of, is a characteristic hazardous waste according to Federal regulation (40 CFR 261) and is assigned the EPA Hazardous Waste Number of D001. The discarding or disposal of this material must be done at a properly permitted facility in accordance with the regulations of 40 CFR 262, 263, 264, and 268. Additionally, the discarding or disposal of this material may be further regulated by state, regional, or local regulations. Chemical additions, processing or otherwise altering this material may make the waste management information presented in this MSDS incomplete, inaccurate or otherwise inappropriate. The transportation, storage, treatment and disposal of this waste material must be conducted in compliance with all applicable Federal, state, and local regulations. Processing, use or contamination of this product may change the waste management options. State and local disposal regulations may differ from federal disposal regulations.

Dispose of container and unused contents in accordance with federal, state and local requirements.

SECTION 14. TRANSPORTATION INFORMATION

DOT Hazard Class:

For inner containers with a capacity of one gallon or less: ORM-D

For containers larger than one gallon: 8, Corrosive

DOT Proper Shipping Name (Containers with a capacity greater than one gallon):

UN1903, Disinfectant Liquid, Corrosive, N.O.S. (Quaternary Ammonium Compound), 8, PG III

I.M.O. :

Shipping Name (containers with a capacity of 5L or less: UN1903, Disinfectant Liquid, Corrosive , N.O.S.(Quaternary Ammonium Compound), 8, PG III (LTD QTY)

Shipping Name (containers with a capacity greater than 5L: UN1903, Disinfectant Liquid, Corrosive , N.O.S.(Quaternary Ammonium Compound), 8, PG III

Hazard Class: 8

Label: Corrosive

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SECTION 15. REGULATORY INFORMATION

EC Classification: None

Labelling :

Risk phrases:

R20/21/22: Harmful by inhalation, in contact with skin and if swallowed

R41: Risk of serious damage to eyes

Safety phrases

S2: Keep out of reach of children

S24/25: Avoid contact with skin and eyes

S26: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

Toxic Substances Control Act (TSCA) Status: While all ingredients are listed on the TSCA Chemical Inventory, this product is regulated as a pesticide under the Federal Insecticide, Fungicide and Rodenticide Act (FIFRA) and not subject to the TSCA Inventory rules for FIFRA uses.

Other Chemical Inventories

All components of this product are listed on the following inventories: Canada (DSL), European Union, China, Korean and Philippines.

One or more ingredients are not listed on the following inventories: Australia and Japan.

CERCL/SARA

SARA Title III, Sections 311/312 Classification: Immediate

SARA Title 313 Reporting: Not required for this product.

Reportable Quantities/Threshold Planning Quantities: Not required for this product.

State & Provincial Right to Know & Selected Regulatory Lists

The following ingredients appear on various state right to know lists and/or California's Proposition 65 List

CHEMICAL NAME: Benzyl Chloride (trace impurity < 10ppm)

STATE LIST:

AZ – Arizona Ambient Air Quality Guidelines

IL – Illinois Toxic Air Contaminant - Carcinogenic

CT – Connecticut Hazardous Air Pollutants

MA – Massachusetts Right to Know List

CA – California Director's List of Hazardous Substances

MN – Minnesota Hazardous Substances List

CAP65C – California Prop 65 Carcinogen

NJ – New Jersey Right to Know List

FL – Florida Substances List

PA – Pennsylvania Right to Know List

ID – Idaho Non-carcinogen Toxic Air Pollutants

RI – Rhode Island Hazardous Substances List

WHMIS Classification: B3, E, D1B.

This product has been classified in accordance with hazard criteria of the Controlled Products Regulations and the MSDS contains all the information required by the Controlled Products Regulations.

SECTION 16. OTHER INFORMATION

NFPA Ratings: Health: 3 Flammability: 0 Reactivity: 0



Label Hazard Warning: Harmful Xn

Label Precautions:

Keep out of reach of children.

Do not take internally

Do not store above 120°F

Label First Aid:

Product Use:

Evaporator Coil and Air Conditioner Drain pan Disinfectant

SECTION 17. ADDITIONAL INFORMATION:

This information is provided in accordance with the requirements of the UK Health and Safety at Work Act 1974, and specifically in order to assist users of the product to make their 'assessment of health risks' as required by the UK Control of Substances Hazardous to Health Regulation 1988 (COSHH assessments). Provision of this information does not preclude users from seeking advice from other sources as indicated in the COSHH guides. This information is intended to cover potential hazards at the place of work and does not detail medical uses, indications, contra-indications and precautions for the treatment of patients.

SECTION 18. MANUFACTURER:

Specialty Chemical Manufacturing

1633-B High Bridge Road

Quincy, FL, USA 32351

Phone 1+678.542.3600

EMERGENCY Phone No.: 1-800-255-3924 Chem-Tel (US Chemical Emergencies Only)

011 +1-813-248-0585 Chem-Tel (International Chemical Emergencies)

SECTION 19. REFERENCE NUMBER:

DATE OF ISSUE: 19/05/2009

COSHH Safety Data Sheet: Pro-Care

This information is, to the best of our knowledge and belief, accurate and reliable as of the date completed. However no representation, warranty or guarantee is made as to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the completeness and suitability of such information for his own particular use. We do not accept liability for any loss or damage that may occur from the use of this information, nor do we offer any warranty against patent infringement.