

Pro-Care

SECTION 1. IDENTIFICATION

PRODUCT IDENTIFIER:

Pro-Care

OTHER MEANS OF IDENTIFICATION:

Pro-Care-GB

RECOMMENDED USE OF THE CHEMICAL:

Concentrated evaporator coil cleaner and disinfectant

RESTRICTIONS ON USE:

Any applications other than those specified above

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MANUFACTURED BY:

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MANUFACTURED FOR:

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(Chemical Emergencies)

SECTION 2. HAZARD IDENTIFICATION

CLASSIFICATION OF THE CHEMICAL:

Skin Corrosion, Category 1
Acute (short-term) Aquatic Toxicity, Category 1

HAZARD SYMBOL(S):

SIGNAL WORD: Danger

HAZARD STATEMENT(S)

H314 Causes severe skin burns and eye damage.
H400 Very toxic to aquatic life with long lasting effects

PRECAUTIONARY STATEMENT(S)

P102 Keep out of reach of children.
P103 Read label before use.
P260 Do not breathe vapors
P264 Wash hands and exposed skin thoroughly after handling.
P273 Avoid release to the environment.
P280 Wear protective gloves and eye protection.
P405 Store locked up
P501 Dispose of container in accordance with local regulations

RESPONSE

P301+330+331 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
P303+361+353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water.
P310 Immediately call a doctor.
P304+340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P305+351+338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do, continue rinsing.
P307+P311 IF EXPOSED: Call a POISON CENTER or doctor/physician. Specific treatment (see First Aid Section on Label)
P321 Wash contaminated clothing before reuse.
P363 Collect spillage.

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HAZARD(S) NOT OTHERWISE CLASSIFIED:

None known

This product does not contain substances identified as PBT or vPvB.

This product does not have a workplace exposure limit.

SECTION 3. INFORMATION ON INGREDIENTS

INGREDIENT	EC No.	CAS No.	WT%	GHS CLASSIFICATION(S)
Silicic acid, sodium salt	215-687-4	1344-09-8	1-3	Skin Corr 1; STOTSE3 (respiratory irritation)
Edatate sodium	200-573-9	64-02-8	0-5	Skin Corr 1; Acute Tox 4 (oral)
Benzyltrimethyltetra- decylammonium chloride	270-325-2	68424-85-1	0-5	Skin Corr 1; Acute Tox 4 (oral); Aquatic 1

NOTE:

This product may contain other ingredients that are not required to be disclosed on this safety data sheet or product label in accordance with Regulation EC No. 1272/2008 (CLP). Any ingredient not listed on either the SDS or label is not considered hazardous to health and shouldn't pose a risk to the user.

SECTION 4. FIRST AID MEASURES

GENERAL FIRST AID MEASURES:

If medical attention is required due to exposure then be sure to take product label or safety data sheet when seeking medical care.

MOST IMPORTANT SYMPTOMS:

Skin and eye exposure may cause permanent damage.

IF INHALED:

Move person to fresh air and keep at a comfortable position for breathing. Administer artificial respiration if person is not breathing.

IF ON SKIN:

Immediately wash with soap and water. Take off contaminated clothing and wash it before reuse.

IF IN EYES:

Rinse with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

IF SWALLOWED:

Do NOT induce vomiting unless instructed to do so by a trained medical professional. Rinse mouth with water.

INDICATION OF IMMEDIATE MEDICAL ATTENTION:

Seek immediate medical attention if exposed to skin or eyes, especially if severe irritation occurs.

SECTION 5. FIRE-FIGHTING MEASURES

SUITABLE EXTINGUISHING MEDIA:

Carbon dioxide, sand, powder extinguisher, dry chemical.

UNSUITABLE EXTINGUISHING MEDIA:

Water.

SPECIFIC HAZARDS:

Can react with certain metals, such as aluminum, to produce flammable hydrogen gas.

HAZARDOUS COMBUSTION PRODUCTS:

Not determined.

SPECIAL PROTECTIVE EQUIPMENT:

Not determined.

PRECAUTIONS FOR FIRE-FIGHTERS:

Not determined.

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SECTION 6. ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS:

Remove non-emergency personnel from the area in an orderly fashion.

PROTECTIVE EQUIPMENT:

Use appropriate chemical-resistant gloves and eye protection.

EMERGENCY PROCEDURE(S):

Cover drains to prevent spill from entering waterways. Evacuate non-emergency personnel from the area. Shut off all sources of ignition.

METHODS FOR CONTAINMENT:

Cover drains and ventilate area to prevent vapor build-up.

REFERENCES:

See Section 7 for information on safe handling. See Section 8 for information on personal protection equipment. See Section 13 for disposal information.

METHODS FOR CLEAN UP:

Residues from spills can be diluted with water. Absorb caustic residue in clay, vermiculite, or other inert substance and package in suitable container for storage.

SECTION 7. HANDLING AND STORAGE

PRECAUTIONS FOR SAFE HANDLING:

Keep away from all ignition sources. Do not smoke while handling.

CONDITIONS FOR SAFE STORAGE:

Keep cool in a well-ventilated place away from sunlight. Ensure local and adequate ventilation. Keep container tightly sealed in its original container.

STORAGE INCOMPATIBILITIES:

Do not store with aluminum or magnesium.

SPECIFIC END USE:

Pre-mixed coil cleaning solution.

SECTION 8. EXPOSURE CONTROLS

INGREDIENT

Silicic acid, sodium salt

TWA

n/a

STEL

2 mg/m³ (15mins)

NATION

UK

Edatate sodium

n/a

n/a

UK

Benzyltrimethyltetradecylammonium chloride

n/a

n/a

UK

GENERAL NOTE:

Practice good industrial hygiene. Wash hands after handling and use.

APPROPRIATE ENGINEERING CONTROLS:

Ensure mechanical ventilation.

EYE/FACE PROTECTION:

Eye protection is required. Wear goggles or another form of chemically resistant eye protection.

SKIN PROTECTION:

Glove and hand protection is required. Wear gloves suitable for chemical protection.

RESPIRATORY PROTECTION:

No anticipated protective equipment is required.

ENVIRONMENTAL PROTECTION:

No anticipated protective equipment is required.

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APPEARANCE:	Blue liquid.	ODOR:	Not determined.
pH:	>10-11	ODOR THRESHOLD:	Not determined.
MELTING POINT:	0°C.	BOILING POINT:	100°C.
FLASHPOINT:	Not determined.	EVAPORATION RATE:	~1 (water=1).
FLAMMABILITY:	Not determined.	UPPER EXPLOSIVE %:	Not determined.
VAPOR PRESSURE:	Same as water.	LOWER EXPLOSIVE %:	Not determined.
VAPOR DENSITY:	Same as water.	RELATIVE DENSITY:	Not determined.
SOLUBILITY:	Miscible.	PARTITION COEFFICIENT:	Not determined.
AUTO-IGNITION:	Not determined.	DECOMPOSITION TEMP:	Not determined.
VISCOSITY:	Not determined.	OXIDIZING PROPERTIES:	Not determined.

SECTION 10. STABILITY AND REACTIVITY

REACTIVITY: Not anticipated to be reactive.	CHEMICAL STABILITY: Chemical is anticipated to be stable in normal storage conditions.
HAZARDOUS REACTIONS: Not determined	CONDITIONS TO AVOID: Heat, sources of ignition, direct sunlight, etc.
INCOMPATIBLE MATERIALS: Not determined.	HAZARDOUS DECOMPOSITION PRODUCTS: None known.

SECTION 11. TOXICOLOGICAL INFORMATION

ACUTE TOXICITY ESTIMATES: Oral – >2,000 mg/kg bw. Dermal – Contains no ingredient(s) considered toxic. Inhalation – Contains no ingredient(s) considered toxic.	SKIN CORROSION/IRRITATION: May cause permanent skin damage.
SENSITIZATION: Respiratory: Contains no ingredient(s) applicable to this category. Skin: Contains no ingredient(s) applicable to this category.	EYE DAMAGE/IRRITATION: May cause permanent eye damage.
REPRODUCTIVE TOXICITY: Contains no ingredient(s) applicable to this category.	GERM CELL MUTAGENICITY: Contains no ingredient(s) applicable to this category.
ASPIRATION HAZARD: Contains no ingredient(s) applicable to this category.	CARCINOGENICITY: Contains no ingredient(s) applicable to this category.
SYMPTOMS RELATED TO CHARACTERISTICS: Not determined.	SPECIFIC TARGET ORGAN TOXICITY – SINGLE EXPOSURE: May cause respiratory irritation.
	SPECIFIC TARGET ORGAN TOXICITY – REPEATED EXPOSURE: Contains no ingredient(s) applicable to this category.
	DELAYED AND IMMEDIATE EFFECT FROM SHORT- AND LONG-TERM EXPOSURE: Not determined.

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SECTION 12. ECOLOGICAL INFORMATION

ECOTOXICITY:

Algae – <1 mg/L (Acute 1)
Fish – <1 mg/L (Acute 1)
Crustacea – <1 mg/L (Acute 1)

MOBILITY IN SOIL:

Not determined.

RESULTS OF PBT and vPvB ASSESSMENT:

Not identified as a PBT or vPvB substance.

PERSISTENCE AND DEGRADABILITY:

Not determined.

BIOACCUMULATIVE POTENTIAL:

Not determined.

OTHER ADVERSE EFFECTS:

None known.

SECTION 13. DISPOSAL CONSIDERATIONS

DISPOSAL OF EMPTY CONTAINERS:

Please recycle container with a licensed recycling company.

SEWAGE DISPOSAL:

Do not dispose of mixture via sewage.

DISPOSAL OF FULL OR PARTIALLY FULL CONTAINERS:

Dispose in accordance with all local regulations. Contact a licensed waste management company for questions on disposal procedures.

SPECIAL PRECAUTIONS FOR WASTE TREATMENT:

Not determined.

SECTION 14. TRANSPORT INFORMATION

HAZARD PLACARD:



UN NUMBER:

UN1903

LTD QTY:

<1 L

UN PROPER SHIPPING NAME:

Disinfectant liquid, corrosive, n.o.s
Quaternary Ammonium Compound
8(9)
II

HAZARD CLASS:

PACKAGING GROUP:

ENVIRONMENTAL HAZARD:

TRANSPORT IN BULK:

SPECIAL PRECAUTIONS:

Yes (Aquatic Acute Toxicity 1)
Not determined.
Do not ship with excessive weight on top. Keep in original containers.

SECTION 15. REGULATORY INFORMATION

EC No 1005/2009:

Not determined.

EC No 850-2004:

Not determined.

Directive 79/117/EEC:

Not determined.

Special Regulations for mixture:

None known.

Chemical safety assessment:

Not assessed.

REACH Registration:

Contact the responsible party listed in Section 1.

SECTION 16. OTHER INFORMATION

REVISION: 2

REVISION DATE: March 2023

REVISION PURPOSE:

Revision based on the new data in relation to formula.

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GENERAL DISCLAIMER:

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SDS AUTHORED BY:

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