

MasterCare®

Pro-Red Plus® 4x Concentrate Extra Heavy Duty

SAFETY DATA SHEET

SECTION 1. IDENTIFICATION

Product Identifier

Pro-Red Plus® 4x Concentrate Extra Heavy Duty Coil Cleaner

Other Means of Identification

Pro-Red-4x; Pro-Red-1SHOT; Pro-Red-SNG

Recommended Use of the Chemical

HVAC/R Cleaner and Brightener

Restrictions on Use

None known.

Manufactured by

DiversiTech Corporation
3039 Premiere Parkway, Suite 600
Duluth, GA 30097

Information Telephone Number

1 800.995.2222

Emergency Telephone Number

1 800.255.3924
Chem-Tel, for Chemical Emergencies Only

SECTION 2. HAZARD IDENTIFICATION

Classification of the Chemical

Skin Corrosive, category 1

Hazard Symbols



Signal Word: Danger

Hazard Statement(s)

Causes severe skin burns and eye damage.

Precautionary Statement(s)

Keep out of reach of children.
Wash hands and exposed skin thoroughly after handling.
Do not breathe dusts or mists.
Wear protective gloves and eye protection.
Specific treatment (see FIRST AID section on this label).
Store locked up.
Dispose of container in accordance with local regulations.

IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.

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

IF INHALED: Remove person to fresh air and keep comfortable for breathing. Immediately call a poison control center.

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

Hazard(s) Not Otherwise Classified

None known.

0% of the chemical consists of ingredient(s) of unknown acute toxicity

Note

Labeling elements found on this SDS may be different from labeling elements found on the label. Safety Data Sheets are regulated by OSHA (29 CFR §1910.1200) while the actual product and its label may be regulated by a different government agency. Please contact the responsible party in Section 1 if you have any questions.

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SECTION 3. INFORMATION ON INGREDIENTS

Ingredient	CAS	wt%	GHS Classification(s)
Sodium Hydroxide	1310-73-2	30-60%	Skin Corrosive 1a
Sodium Carbonate	497-19-8	1-3%	Eye Irritation 2a

Trade Secret Claim

When applicable, the specific concentration of each hazardous ingredient is considered a TRADE SECRET. Chemical names and identifiers will be listed in exact composition weight and name when not subject to trade secret exemptions.

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 19 CFR §1910.1200. 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

None known.

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

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 chemical is exposed to eyes or skin.

SECTION 5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media

Water spray, carbon dioxide, sand, powder extinguisher, and/or dry chemical.

Unsuitable Extinguishing Media

None known.

Specific Hazards

None known.

Hazardous Combustion Products

None known.

Special Protective Equipment

Not determined.

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Precautions for Fire-Fighters

Not determined.

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.

Methods for Clean Up

For small spills, wipe with an absorbent material. For large spills, collect with sawdust, sand, or binder before cleaning. Place in an area appropriate for disposal.

References

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

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

None known.

SECTION 8. EXPOSURE CONTROLS

Ingredient

Sodium Hydroxide
Sodium Carbonate

CAS No.

1310-73-2
497-19-8

PEL

2 mg/m³
n/a

AGCIH

2 mg/m³
n/a

NIOSH

2 mg/m³
n/a

General Note

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

Appropriate Engineering Controls

Ensure mechanical ventilation.

Eye/Face Protection

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

Skin Protection

Wear gloves made of rubber, neoprene, or nitrile.

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Respiratory Protection

No anticipated protective equipment is required.

Environmental Protection

No anticipated protective equipment is required.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Dark red liquid.
pH: 14.
Melting Point: <25°F.
Flashpoint: Not determined.
Flammability: Not determined.
Vapor Pressure: Same as water.
Vapor Density: Same as water.
Solubility: Water miscible.
Auto-Ignition: Not determined.
Viscosity: Not determined.

Odor: Odorless
Odor Threshold: Not determined.
Boiling Point: >200°F.
Evaporation Rate: Same as water.
Upper Explosive %: Not determined.
Lower Explosive %: Not determined.
Relative Density: Not determined.
Partition Coefficient: Not determined.
Decomposition Temp: 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

None known.

Conditions to Avoid

Heat, sources of ignition, direct sunlight, etc.

Incompatible Materials

Not determined.

Hazardous Decomposition Products

Sodium oxides.

SECTION 11. TOXICOLOGICAL INFORMATION

Acute Toxicity Estimates:

Oral – Contains no ingredient(s) considered toxic.
 Dermal – Contains no ingredient(s) considered toxic.
 Inhalation – Contains no ingredient(s) considered toxic.

Sensitization:

Respiratory: Contains no ingredient(s) applicable to this category.
 Skin: Contains no ingredient(s) applicable to this category.

Reproductive Toxicity:

Contains no ingredient(s) applicable to this category.

Skin Corrosion / Irritation:

Can cause serious skin damage if exposed.

Eye Damage / Irritation:

Can cause serious eye damage if exposed.

Germ Cell Mutagenicity:

Contains no ingredient(s) applicable to this category.

Carcinogenicity:

Contains no ingredient(s) applicable to this category.

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Aspiration Hazard:

Contains no ingredient(s) applicable to this category.

Symptoms Related to Characteristics:

Not determined.

National Toxicology Listing:

No ingredients listed.

International Agency for Reach on Cancer Listing:

No ingredients listed.

Specific Target Organ Toxicity – Single Exposure:

Contains no ingredient(s) considered toxic.

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.

SECTION 12. ECOLOGICAL INFORMATION

Ecotoxicity:

Algae – Contains no ingredient(s) considered toxic.

Fish – Contains no ingredient(s) considered toxic.

Crustacea – Contains no ingredient(s) considered toxic.

Persistence and Degradability:

Not determined.

Mobility in Soil:

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.

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.

SECTION 14. TRANSPORT INFORMATION

Hazard Placard:

UN Proper Shipping Name:

Corrosive liquid, basic, inorganic, n.o.s.

Hazard Class:

8

Packaging Group:

II

Environmental Hazard:

No.

Transport in Bulk:

Not determined.

Special Precautions:

Do not ship with excessive weight on top.
Keep in original containers.

UN Number: UN3266

LTD QTY: < 1 L

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SECTION 15. REGULATORY INFORMATION

SARA:

311 – Sodium hydroxide, sodium carbonate.

312 – Sodium hydroxide, sodium carbonate.

313 – No applicable ingredient(s).

Right-To-Know:

Sodium hydroxide.

California:

Prop 65: No ingredient(s) listed.

ARB Designation: Single purpose cleaner.

VOC Limit: Not applicable.

TSCA Inventory List:

Each ingredient is on the TSCA inventory list as ACTIVE or EXEMPT.

HMIS®III (higher numbers indicate higher risk):

Health, 3

Flammability, 0

Physical Hazard, 1

NFPA (higher number indicate higher risk):

Health, 3

Flammability, 0

Instability, 0

SECTION 16. OTHER INFORMATION

Revision:

2

Revision Date:

May 18, 2021

Revision Purpose:

Revision based on the new data in relation to the formula.

General Disclaimer:

All information appearing herein is based upon data obtained from manufacturers and/or recognized technical sources. While the information is believed to be accurate, we make no representations as to its accuracy or sufficiency. Conditions of use are beyond our control, therefore users are responsible for verifying the data under their own operating conditions to determine whether the product is suitable for their particular purposes and they assume all risks of their use, handling, and disposal of the product. Users also assume all risks in regards to the publications of use of, or reliance upon, information contained herein. This information relates only to the product designated herein, and does not relate to its use in combination with any other material or process.

SDS Authored By:

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