

# 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	CAS No.	PEL	AGCIH	NIOSH
Sodium Hydroxide	1310-73-2	2 mg/m <sup>3</sup>	2 mg/m <sup>3</sup>	2 mg/m <sup>3</sup>
Sodium Carbonate	497-19-8	n/a	n/a	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

<b>Appearance:</b>	Dark red liquid.	<b>Odor:</b>	Odorless
<b>pH:</b>	14.	<b>Odor Threshold:</b>	Not determined.
<b>Melting Point:</b>	<25°F.	<b>Boiling Point:</b>	>200°F.
<b>Flashpoint:</b>	Not determined.	<b>Evaporation Rate:</b>	Same as water.
<b>Flammability:</b>	Not determined.	<b>Upper Explosive %:</b>	Not determined.
<b>Vapor Pressure:</b>	Same as water.	<b>Lower Explosive %:</b>	Not determined.
<b>Vapor Density:</b>	Same as water.	<b>Relative Density:</b>	Not determined.
<b>Solubility:</b>	Water miscible.	<b>Partition Coefficient:</b>	Not determined.
<b>Auto-Ignition:</b>	Not determined.	<b>Decomposition Temp:</b>	Not determined.
<b>Viscosity:</b>	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 Number:** UN3266

**LTD QTY:** < 1 L

**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.

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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.

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