

Defender Pro Predator Bioenzymatic Cleaner

SAFETY DATA SHEET

SECTION 1: Identification

1.1 GHS Product identifier

Product name Defender Pro Predator Bioenzymatic Cleaner

1.3 Recommended use of the chemical and restrictions on use

Deodorizing Bioenzymatic Cleaner

1.4 Supplier's details

Name Defender Pro Predator
Address 3783 South Galloway Dr.
Memphis TN 38111
USA

Telephone 901-545-5550

1.5 Emergency phone number

US, Canada: 800-255-3924. International: +01-813-248-0585

SECTION 2: Hazard identification

2.1 Classification of the substance or mixture

GHS classification in accordance with: (US) OSHA (29 CFR 1910.1200)

- Eye damage/irritation, Cat. 1

2.2 GHS label elements, including precautionary statements

Pictogram



Signal word

Danger

Hazard statement(s)

H318

Causes serious eye damage

Precautionary statement(s)

P280

P305+P351+P338

Wear eye protection/face protection.

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

P310

Immediately call a POISON CENTER/doctor if symptoms persist.

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SECTION 3: Composition/information on ingredients

3.2 Mixtures

Hazardous components

Component	Concentration
Component 1 (trade secret)* CLASSIFICATIONS: Eye damage/irritation, Cat. 2A; Skin corrosion/irritation, Cat. 2; Sensitization, skin, Cat. 1. HAZARDS: H315 - Causes skin irritation; H317 - May cause an allergic skin reaction; H319 - Causes serious eye irritation.	> 0 - < 5 % (weight)
Component 2 (trade secret)* CLASSIFICATIONS: Eye damage/irritation, Cat. 1. HAZARDS: H302 - Harmful if swallowed; H318 - Causes serious eye damage.	> 0 - < 5 % (weight)

Trade secret statement (OSHA 1910.1200(i))

*The specific chemical identities and/or actual concentrations or actual concentration ranges for one or more listed components are being withheld as trade secrets under the US regulation 29 CFR 1910.1200(i).

SECTION 4: First-aid measures

4.1 Description of necessary first-aid measures

If inhaled	Remove to fresh air.
In case of skin contact	Wash off immediately with plenty of water. Wash skin with soap and water.
In case of eye contact	Rinse thoroughly with plenty of water for at least 15 minutes, lifting lower and upper eyelids. Consult a physician.
If swallowed	Clean mouth with water and drink afterwards plenty of water.

4.2 Most important symptoms/effects, acute and delayed

Repeated and/or prolonged exposure to low concentrations of vapors and/or aerosols may cause: Sore throat. Eye disease. Asthma. Skin disorders and Allergies.

4.3 Indication of immediate medical attention and special treatment needed, if necessary

If any adverse effects from the most important symptoms presents, seek medical attention.

SECTION 5: Fire-fighting measures

5.1 Suitable extinguishing media

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

5.2 Specific hazards arising from the chemical

Incomplete combustion may form carbon monoxide. Burning produces noxious and toxic fumes. Downwind personnel must be evacuated.

5.3 Special protective actions for fire-fighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

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SECTION 6: Accidental release measures

- 6.1 Personal precautions, protective equipment and emergency procedures**
Ensure adequate ventilation, especially in confined areas.
- 6.2 Environmental precautions**
See Section 12 for additional ecological information.
- 6.3 Methods and materials for containment and cleaning up**
Prevent further leakage or spillage if safe to do so. Pick up and transfer to properly labeled containers.

SECTION 7: Handling and storage

- 7.1 Precautions for safe handling**
Handle in accordance with good industrial hygiene and safety practice.
- 7.2 Conditions for safe storage, including any incompatibilities**
Keep containers tightly closed in a dry, cool and well-ventilated place.

SECTION 8: Exposure controls/personal protection

- 8.2 Appropriate engineering controls**
Showers, Eyewash stations & Ventilation systems.
- 8.3 Individual protection measures, such as personal protective equipment (PPE)**

Eye/face protection

Wear eye protection if handling large quantities and there is potential for exposure.

Skin protection

No special technical protective measures are necessary when handled as recommended. Wear protective gloves and protective clothing if handling large quantities.

Respiratory protection

Respiratory protection must be provided in accordance with current local regulations.

SECTION 9: Physical and chemical properties and safety characteristics

Basic physical and chemical properties

Physical state	Liquid
Appearance	Hazy liquid
Color	Natural, hazy no color
Odor	Spicy
Odor threshold	No data available
Melting point/freezing point	No data available
Boiling point or initial boiling point and boiling range	No data available
Flammability	Not flammable
Lower and upper explosion limit/flammability limit	No data available

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Flash point	>200F
Explosive properties	No data available
Auto-ignition temperature	No data available
Decomposition temperature	No data available
Oxidizing properties	No data available
pH	6.5-8.0
Kinematic viscosity	As water
Solubility	Water soluble
Partition coefficient n-octanol/water (log value)	No data available
Vapor pressure	No data available
Evaporation rate	No data available
Density and/or relative density	1.00-1.008
Relative vapor density	No data available

Particle characteristics

No data available

SECTION 10: Stability and reactivity

10.1 Reactivity

Stable under normal conditions

10.2 Chemical stability

Stable under recommended storage conditions.

10.3 Possibility of hazardous reactions

None under normal processing.

10.4 Conditions to avoid

Extremes of temperature and direct sunlight.

10.5 Incompatible materials

Reactive metals (e.g. sodium, calcium, zinc etc.).
Materials reactive with hydroxyl compounds.
Copper alloys
Strong acids.
Oxidizing agents.

10.6 Hazardous decomposition products

Carbon monoxide.
Carbon dioxide (CO₂).
Aldehydes
Flammable hydrocarbon fragments.

SECTION 11: Toxicological information

Information on toxicological effects

Acute toxicity

No information available

Skin corrosion/irritation

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Avoid prolonged contact with skin.

Serious eye damage/irritation

Contact with eyes may cause irritation.

Respiratory or skin sensitization

Avoid breathing vapors or mists for prolonged periods of time.

Germ cell mutagenicity

No data is available on the product itself.

Carcinogenicity

Does not contain any known carcinogens.

Reproductive toxicity

Does not contain any known mutagens.

STOT-single exposure

No data available.

STOT-repeated exposure

No data available.

Aspiration hazard

No data available.

SECTION 12: Ecological information

Persistence and degradability

Readily biodegradable.

SECTION 13: Disposal considerations

Disposal methods

Product disposal

Disposal should be in accordance with applicable regional, national and local laws and regulations.

Packaging disposal

Do not reuse container.

SECTION 14: Transport information

DOT (US)

Not dangerous goods

IMDG

Not dangerous goods

IATA

Not dangerous goods

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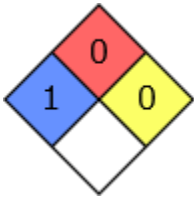
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SECTION 15: Regulatory information

HMIS Rating

Defender Pro Predator Bioenzymatic Cleaner	
HEALTH	1
FLAMMABILITY	0
PHYSICAL HAZARD	0
PERSONAL PROTECTION	

NFPA Rating



SECTION 16: Other information

This Safety Data Sheet is offered solely for your information, consideration and investigation. There are no warranties, either expressed or implied and no responsibility is assumed for the accuracy or completeness of the data contained herein.