

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY

Product code P1002-MWB
Product name MicrowaveBlue™

Contact
PROTIGA, INC.
P.O. Box 1351
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2. COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous Components

The product contains no substances that are considered to be hazardous to health at their concentration

3. HAZARDS IDENTIFICATION

Emergency Overview

The product contains no substances that are considered to be hazardous to health at their concentration

Form
Liquid

Principle Routes of Exposure / Potential Health Effects

Eyes	Mild eye irritation
Skin	Mild skin irritation
Inhalation	May cause irritation of respiratory tract
Ingestion	Ingestion may cause irritation to mucous membranes

Special Effects

Carcinogenic effects	Not applicable
Mutagenic effects	Not applicable
Reproductive toxicity	Not applicable
Sensitization	Not applicable

Target Organ Effects No information available

HMIS

Health	0
Flammability	0
Reactivity	0

4. FIRST AID MEASURES

Skin contact	Wash off immediately with plenty of water
Eye contact	Rinse thoroughly with plenty of water, also under eye lids
Ingestion	Clean mouth with water and afterwards drink plenty of water
Inhalation	Move to fresh air
Notes to physicians	Treat symptomatically

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media	Water spray; Carbon dioxide (CO ₂); Foam; Dry chemical. The product is not flammable
Special protective equipment for firefighters	Wear self-contained breathing apparatus and protective suit

6. ACCIDENTAL RELEASE MEASURES

Personal precautions	Use personal protective equipment
Methods for cleaning up	Soak up with inert absorbent material

7. HANDLING AND STORAGE

Handling	Heating up of the product for staining should be carried out in heat resistant containers. Use only lids that do not seal the container. Appropriate eye and skin protection should be worn.
Storage	Keep in properly labeled containers. Do not freeze product.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Occupational Exposure Controls

Exposure Limits

Engineering Measures	Ensure adequate ventilation, especially in confined areas
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Personal Protective Equipment

Respiratory protection	In case of insufficient ventilation wear respiratory equipment
Hand protection	Protective gloves
Eye protection	Safety glasses with side-shields
Skin and body protection	Lightweight protective clothing
Hygiene measures	Handle with good industrial hygiene and safety practice
Environmental exposure controls	Prevent product from entering drains

9. PHYSICAL AND CHEMICAL PROPERTIES

General Information

Form	Liquid
Color	blue
Boiling point/range	°C 100
Melting point/range	°C No data available
Flash point	°C Not applicable
Autoignition temperature	°C Product is not self igniting
Oxidizing properties	°C No data available
Water solubility	soluble
Organic solvents	0.0%
Water	99.7%

10. STABILITY AND REACTIVITY

Stability	Stable
Materials to avoid	No information available
Hazardous decomposition products	No decomposition if used according to specifications
Polymerization	Hazardous polymerization does not occur

11. TOXICOLOGY INFORMATION

Acute Toxicity

Principal Routes of Exposure / Potential Health Effects

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Skin	Mild skin irritation
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Special Effects

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Sensitization	Not applicable

<i>Target Organ Effects</i>	No information available
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12. ECOLOGICAL INFORMATION

Ecotoxicity effects	No information available
Aquatic toxicity	No information available
Mobility	No information available
Biodegradation	Inherently biodegradable
Bioaccumulation	Does not bioaccumulate

13. DISPOSAL CONSIDERATIONS

Dispose of in accordance with local regulations

14. TRANSPORT INFORMATION

Hazard class	No information available
Subsidiary class	No information available
Packing group	No information available
UN-No	No information available

15. REGULATORY INFORMATION

International Inventories

U.S. Federal Regulations

Not regulated

16. OTHER INFORMATION

This material is sold for research and development purposes only. It is not for any human or animal therapeutic or clinical diagnose use. It is not intended for food, drug, household, agricultural, or cosmetic use.

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.