



SAFETY DATA SHEET

OdorProTec

ISSUING DATE 11-MAR-2021

REVISION DATE 01-SEP-2021

REVISION NUMBER 2

1 IDENTIFICATION

Product identifier

Product Name OdorProTec™

Other means of identification

CAS# (Active Ingredient) 9012-76-4

Recommended use of the chemical and restrictions on use

Recommended Use Communicating the natural biostatic properties of Chitosan to hard or soft surfaces.
Restrictions on use N/A

Details of the supplier of the safety data sheet

Supplier Identification Synergy Americas, Inc.
Address 127 Stream Road
Winterport, Maine
04496
USA
Telephone 207.944.3495
E-mail info@synergy-americas.com
Emergency telephone number **1-800-222-1222 (Poison Control)**
Company Emergency Phone Number 207.944.3495

2 HAZARDS IDENTIFICATION

Classification

In accordance with OSHA Standards Code 29 CFR 1910.1200, this product contains no substances which, at their given concentration, are considered to be hazardous to health.

Appearance Clear, amber
Physical state Liquid
Odor Slightly Vinegar-like

GHS Label elements, including precautionary statements

Hazard statements Not classified.

Other information

Not recognized as having any acute toxicity

0 % of the mixture consists of ingredient(s) of unknown toxicity
0 % of the mixture consists of ingredient(s) of unknown acute oral toxicity
0 % of the mixture consists of ingredient(s) of unknown acute dermal toxicity
0 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (gas)
0 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (vapor)
0 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (dust/mist)

3 COMPOSITION/INFORMATION ON INGREDIENTS

Mixture The product contains no substances which at their given concentration, are considered to be hazardous to health

Dry Film This product produces a biopolymer film that is clear, thin, hydrophobic and non-leaching.

4 FIRST AID MEASURES

First aid measures

Inhalation	Remove to fresh air.
Eye contact	Rinse thoroughly with plenty of water for at least 15 minutes, lifting lower and upper eyelids. Consult a physician.
Skin contact	Wash skin with soap and water.
Ingestion	Clean mouth with water and drink afterwards plenty of water.

Most important symptoms and effects, both acute and delayed

Symptoms	No information available.
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Indication of any immediate medical attention and special treatment needed

Note to physicians	Treat symptomatically.
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5 FIRE-FIGHTING MEASURES

Suitable extinguishing media	Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
Unsuitable extinguishing media	CAUTION: Use of water spray when fighting fire may be inefficient.
Specific hazards arising from the chemical	None known.
Hazardous combustion products	Carbon oxides.

Explosion data

Sensitivity to Mechanical Impact	None.
Sensitivity to Static Discharge	None.

Special protective equipment for fire-fighters

Firefighters should wear self-contained breathing apparatus and full firefighting turnout gear. Use personal protection equipment.

6 ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Personal precautions	Avoid contact with eyes.
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Methods and material for containment and cleaning up

Methods for containment	Prevent further leakage or spillage if safe to do so.
Methods for cleaning up	Dam up. Soak up with inert absorbent material. Pick up and transfer to properly labeled containers.

7 HANDLING AND STORAGE

Precautions for safe handling

Advice on safe handling	Handle in accordance with good industrial hygiene and safety practice.
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Conditions for safe storage, including any incompatibilities

Storage conditions	Keep containers tightly closed in a dry, cool and well-ventilated place
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8 EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

Exposure limits	This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.
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Appropriate engineering controls

Engineering controls	Showers Eyewash stations Ventilation systems.
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Individual protection measures, such as personal protective equipment

Eye/face protection	No special protective equipment required.
Skin and body protection	No special protective equipment required.
Respiratory protection	No protective equipment is needed under normal use conditions. If exposure limits are exceeded or irritation is experienced, ventilation and evacuation may be required.
General hygiene considerations	Handle in accordance with good industrial hygiene and safety practice

9 PHYSICAL AND CHEMICAL PROPERTIES

Physical and Chemical Properties

Physical state	Liquid
Appearance	Clear, amber
Odor	Vinegar-like
Color	No information available
Odor Threshold	Not applicable

Property	Values	Remarks Method
pH	6-7	
Melting/freezing point	No data available	None known
Boiling point/boiling range	99 °C / 211 °F	
Flash point	None	None known
Evaporation rate	None	None known
Flammability (solid, gas)	None	None known
Flammability limit in Air		None known
Upper flammability limit	None	
Lower flammability limit	None	
Vapor pressure	None	None known
Vapor density	None	None known
Relative density	1.01	
Water solubility	Liquid	
Solubility(ies)	None	None known
Partition coefficient: n-octanol/water	Not Applicable	
Autoignition temperature	None	None known
Decomposition temperature	None	None known
Kinematic viscosity	None	None known
Dynamic viscosity	5-10 cps @ 25°C	

Other Information

Explosive properties	None
Oxidizing properties	None
Softening point	None
Molecular weight	None
VOC content (%)	None
Liquid density	None
Bulk density	None
Particle size	None
Particle size distribution	None

10 STABILITY AND REACTIVITY

Reactivity	None
Chemical stability	Stable under normal conditions
Possibility of hazardous reactions	None under normal processing
Hazardous polymerization	Hazardous polymerization does not occur
Conditions to avoid	None known
Incompatible materials	None known
Hazardous decomposition products	Carbon oxides may be released in the first 5 minutes of drying

11 TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Product Information

Inhalation	Specific test data for the substance or mixture is not available.
Eye contact	Specific test data for the substance or mixture is not available.
Skin contact	Specific test data for the substance or mixture is not available.
Ingestion	Specific test data for the substance or mixture is not available.

Information on toxicological effects

Symptoms	None known.
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Numerical measures of toxicity

Acute Toxicity

Not recognized as having any acute toxicity

- 0 % of the mixture consists of ingredient(s) of unknown toxicity.
- 0 % of the mixture consists of ingredient(s) of unknown acute oral toxicity.
- 0 % of the mixture consists of ingredient(s) of unknown acute dermal toxicity.
- 0 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (gas).
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- 0 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (dust/mist).

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Skin corrosion/irritation	None known
Serious eye damage/eye irritation	None known
Respiratory or skin sensitization	None known
Germ cell mutagenicity	None known
Carcinogenicity	None known
Reproductive toxicity	None known
STOT - single exposure	None known
STOT - repeated exposure	None known
Aspiration hazard	None known

12 ECOLOGICAL INFORMATION

Ecotoxicity	None known
Persistence and degradability	None known
Bioaccumulation	None known
Mobility	None known
Other adverse effects	None known

13 DISPOSAL CONSIDERATIONS

Waste treatment methods

Waste from residues/unused products	Dispose of in accordance with local regulations. Dispose of waste in accordance with environmental legislation.
Contaminated packaging	Do not reuse empty containers.

14 TRANSPORT INFORMATION

DOT	Not regulated
Proper shipping	Not regulated
Name hazard class	N/A
TDG	Not regulated
MEX	Not regulated
ICAO	Not regulated
IATA	Not regulated
Proper shipping name	Not regulated
Hazard class	N/A

IMDG/IMO	Not regulated
Hazard Class	N/A
RID	Not regulated
ADR	Not regulated
ADN	Not regulated

15 REGULATORY INFORMATION

Safety, health and environmental regulations/legislation specific for the substance or mixture

International Regulations

Ozone-depleting substances (ODS)	Not applicable
Persistent organic pollutants	Not applicable
Export notification requirements	Not applicable

International Inventories

TSCA	Contact supplier for inventory compliance status.
DSL/NDSL	Contact supplier for inventory compliance status.
EINECS/ELINCS	Contact supplier for inventory compliance status.
ENCS	Contact supplier for inventory compliance status.
KECL	Contact supplier for inventory compliance status.
PICCS	Contact supplier for inventory compliance status.
AICS	Contact supplier for inventory compliance status.

Legend

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory
 DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List
 EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances
 ENCS - Japan Existing and New Chemical Substances
 KECL - Korean Existing and Evaluated Chemical Substances
 PICCS - Philippines Inventory of Chemicals and Chemical Substances
 AICS - Australian Inventory of Chemical Substances

US Federal Regulations

SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

Acute health hazard	No
Chronic health hazard	No
Fire hazard	No
Sudden release of pressure hazard	No
Reactive hazard	No

CWA (Clean Water Act)

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

CERCLA

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material.

US State Regulations

California Proposition 65

This product does not contain any Proposition 65 chemicals.

U.S. State Right-to-Know Regulations

This product does not contain any substances above threshold limits that are regulated by state right-to-know.

16 OTHER INFORMATION

NFPA	Health hazards	1	Flammability	0	Instability	0	Physical and Chemical Properties - Personal Protection X
HMIS	Health hazards	1	Flammability	0	Physical hazards	0	

Prepared By
Pilgrim Consulting & Design
127 Stream Road
Winterport, Maine 04496
207.944.3495

Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text

OdorProTec

THE POWER OF PROTECTION **THE ODOR REMEDIATOR'S INSURANCE**
AGAINST THE RETURN OF ODORS