

MATERIAL SAFETY DATA SHEET

Protection Plus

Date Prepared: 11/30/09

SECTION 1 – MATERIAL AND MANUFACTURER IDENTIFICATION

Product Identifier: Protection Plus
Product Use: Textile protector

MANUFACTURER

CTI (Chemical Technologies International Inc.)

PO Box 968

Rancho Cordova, CA 95741

Phone: (916) 638-1315 Fax: (916) 638-0712

Emergency Assistance Calls: Chemtrec (800) 424-9300 (U.S.A.) 24hrs.

SECTION 2 – COMPOSITION / INFORMATION ON REPORTABLE HAZARDOUS INGREDIENTS

COMPONENT

CAS

No Reportable Ingredients

(SEE SECTION 8 FOR EXPOSURE GUIDELINES)

SECTION 3 – Hazards Identification

This product contains no reportable hazardous ingredients.

Emergency Overview

Appearance: Opaque odorless liquid.

Potential Health Effects

Routes of entry: (skin: yes) (inhalation: yes) (ingestion: yes) (eye: yes)

Inhalation:

Excessive inhalation may be irritating.

Eye Contact:

May be moderately irritating to the eyes.

Skin Contact:

Repeated exposure may cause skin irritation.

Ingestion:

Single dose oral toxicity is low. Swallowing large amounts may be harmful.

Chronic effects: Not established.

NFPA GUIDE

HEALTH HAZARD	(BLUE)	1
FLAMMABILITY HAZARD	(RED)	0
REACTIVITY HAZARD	(YELLOW)	0
OTHER HAZARD	(WHITE)	

MATERIAL SAFETY DATA SHEET

SECTION 4 – FIRST AID MEASURES

Inhalation: Remove to fresh air. If breathing is difficult Get medical attention immediately.

Eye Contact: Immediately flush eyes with a directed stream of water for at least 15 minutes, forcibly holding eyelids apart to ensure complete irrigation of all eye and lid tissue. If irritation persists, get medical attention.

Skin Contact: Flush thoroughly with cool water while removing any contaminated clothing and shoes. Wash clothing before reuse. Get medical attention if irritation persists after washing.

Ingestion: Get medical attention immediately. Give milk or water as directed by medical professionals. Never give anything by mouth to an unconscious person.

SECTION 5 – Fire Fighting Measures

This product is non-flammable and non-combustible.

Flashpoint: Not Available

Flammable Limits: Not Available

Auto ignition Temperature: Not Available

General Hazard:

During a fire smoke may contain the original material in addition to toxic and or irritating compounds. Avoid heat sparks or open flame.

Fire Fighting Instructions:

Use dry chemical, CO₂, Water fog or alcohol foam

Fire fighting Equipment:

Fire fighters should wear a self contained, positive pressure breathing apparatus and full protective clothing (NICS/MSHA APPROVED).

Hazardous combustion products:

May product toxic combustion products.

SECTION 6 – ACCIDENTAL RELEASE MEASURES

Small Spills: Dispose of in DOT approved waste container.

Large Spills: Dispose into DOT approved waste container. If possible complete clean up on a dry basis. Comply with all applicable governmental regulations on spill reporting, handling and disposal of waste.

Contain all spills or leaks to prevent discharge into the environment. All spills or releases need to be reported to the appropriate local, state and federal agencies.

SECTION 7 – PRECAUTIONS FOR SAFE HANDLING AND STORAGE

Work and hygiene:

This product is professional strength product to be used by professionals only.

As with all chemicals, practice good industrial hygiene when handling this product. In other words, always work in a well-ventilated area and avoid inhalation of product dust, vapor or mist, do not ingest or have contact with your eyes or skin.

Storage and handling:

Employees should be trained to handle this product safely. Store the product in a cool dry area away from ignition sources.

Storage temperature: store in cool dry place

Storage pressure: Atmospheric

MATERIAL SAFETY DATA SHEET

The manufacturer and seller warrant that this product conforms to its standard specifications when used according to directions. As the conditions of method of its use are beyond our control, we do not assume any responsibility and expressly disclaim any liability for use of this product. Information contained herein is believed to be true but all statements and suggestions are made without any warranty, expressed or implied, regarding accuracy of the information. The hazards connected with the use of this material and the results to be obtained from the use thereof.

SECTION 8 – EXPOSURE / PERSONAL PROTECTION

EXPOSURE LIMITS

Exposure limits have not been established for this mixture. However limits for individual ingredients at 100% concentration by number listed in section 2 are listed below:

COMPONENT #	OSHA PEL TWA STEL	ACGIH TLV TWA STEL	NIOSH TWA STEL
No Reportable Ingredients			

Personal Protection:

To minimize exposure to all chemicals, including this product, use good industrial hygiene and common sense:

Ventilation and engineering controls: Use only in well ventilated area. If necessary, use exhaust ventilation to insure adequate ventilation. Insure that water is readily available and that you are prepared to properly wash out your eyes should the need arise. (Refer to section 4).

Respiratory: Wear NIOSH/MSHA approved organic respirator when ventilation is not adequate or when the sufficiency of ventilation to maintain concentrations below exposure limits is in question.

Eye Protection: Wear safety goggles to protect against eye contact. See OSHA 29 CFR 1910.33

Skin: Wear chemical impervious gloves. Wear protective clothing appropriate for the task to prevent skin contact.

Other: One should always use chemicals with an awareness of the potential hazard of the effect on the human system.

SECTION 9 – Physical and Chemical properties

Opaque odorless liquid

PH: 6

Vapor density: not available

Boiling point: 100 C (212 F)

Freezing/Melting point: N/A

Solubility in water: miscible.

Density: not available

Flammability: not established

Evaporation rate: not available

Viscosity: not available

SECTION 10 – Stability and Reactivity

Chemical Stability: Stable under ambient temperature and atmospheric pressure. Stable under recommended storage and handling conditions.

Conditions to avoid: None known.

Incompatibility with other materials: Strong oxidizing agents.

Possibility of hazardous reactions: None expected.

MATERIAL SAFETY DATA SHEET

Section 11- Toxicological Information

Toxicological information has not been established on this mixture. However information for 100% concentrate of individual ingredients by number from section 2 are given here.

<u>Component #</u>	<u>Information</u>
No Reportable Ingredients	

Section 12- Ecological Information

Ecological information not established on this mixture. Ecological information on components within this mixture are given by component number as listed in section 2.

<u>Component #</u>	<u>Information</u>
1	Not Established

Section 13- Disposal practices

Dispose of all waste, empty bottles and contaminated equipment in accordance with all applicable federal, state and local health and environmental regulations.

Do not dump into storm drains or any body of water. All disposal methods must be in compliance with all federal, State/ Provincial and local laws and regulations. Regulations may vary in different locations.

Waste characterizations and compliance with applicable laws are the responsibility solely of the waste generator. The vendor has no control over the management practices or the processes by which the party who handles or uses this material. The information presented here pertains only to the product as shipped in its intended condition and recommended usage.

Section 14- Transport information

U.S. Department of Transportation (DOT):
Not regulated for this mode of transport
International Maritime Dangerous Goods (IMDG):
Not regulated for this mode of transport.
International Air Transportation Authority (IATA):
Not regulated for this mode of transport

Section 15- Regulatory Information

US Federal Regulations:

OSHA standards require that information be provided to employees regarding the hazards of chemicals by means of a hazard communication program including labeling, MSDS sheets, training and access to written records. We request that you, and it is your legal duty to, make all information in this material safety data sheet (MSDS) available to your employees and those who handle or consume the product.

MATERIAL SAFETY DATA SHEET

To aid our customers in complying with regulatory requirements regulatory information for components of this product are indicated below.

This *mixture* has *no established regulatory information* all regulatory information given is based on individual components of the mixture by component number..

Federal Regulations

OSHA hazardous Substance: This material is classified as not hazardous under OSHA regulations

Clean Air Act – Hazardous Air Pollutants (HAP): This product does not contain any SOCOMI Intermediate or Final Volatile Organic Compounds (VOC): as defined by the U.S. Clean Air Act Section 111 (40 CFR 60.489).

Clean Air Act – Ozone Depleting Substances (ODS): This product neither contains, nor was manufactured with, a Class I or Class II ozone depleting substance (ODS), as defined by the U.S. Clean Air Act Section 602 (40 CFR 261.21).

Clean Water Act – Priority Pollutants (PP): This product does not contain any priority pollutants listed under the U.S. Clean Water Act Section 307 (2) (1) Priority Pollutant List (40 CFR 401.15).

Resource Conservation and Recovery Act (RCRA): Not a hazardous waste under RCRA (40 CFR 261.21).

SARA Section 302 Extremely Hazardous Substances (EHS): This product does not contain any components regulated under Section 302 (40 CFR 355) as Extremely Hazardous Substances.

SARA Section 304 CERCLA Hazardous Substances: This product does not contain any components regulated under Section 304 (40 CFR 302) as hazardous chemicals for emergency release notification ("CERCLA" List).

SARA Section 311/312 Hazard Communication Standard (HCS): This product is not regulated under Section 311/312 HCS (40 CFR 370).

SARA Section 313 Toxic Chemical List (TCL): This product does not contain any component(s) listed on the section 313 Toxic Chemical List.

TSCA Section 8(b) Inventory Status: All component(s) comprising this product are either exempt or listed on the TSCA inventory.

TSCA Section 5(e) Consent Orders: This product is not subject to a Section 5(e) Consent Order.

TSCA Significant New Use Rule (SNUR): This product is not subject to a Significant New Use Rule (SNUR).

TSCA Section 5(f): This product is not subject to a Section 5(f)/6(a) rule.

EC Safety(S) and Risk(R) Phrases:

S2, S26, S46

NFPA:

Health:1

Fire: 0

Reactivity:0

Section 16- Other Information

All information appearing herein is based upon data obtained from the manufacturer and /or recognized technical sources of each individual component. While the information is believed to be accurate, CTI makes no representations as to its accuracy or sufficiency. Conditions of use are beyond CTI's control and therefore users are responsible to verify this data under their own operating conditions to determine whether this product is suitable for their particular purposes and they assume all risks of their use, handling, and disposal of the product, or from the publication or use of, or reliance on 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 in any other process.

Legend:

References:

ACGIH