

MATERIAL SAFETY DATA SHEET

Protection

Date Prepared: 02/20/2004

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 INGREDIENTS

<u>COMPONENT</u>	<u>CAS #</u>
Aqueous Polymer blend	N/A

(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.

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.

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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

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.

For use by professionals ONLY.

Avoid breathing this product.

Always ensure good ventilation of surroundings during use of this chemical. Do not use this chemical in a poorly ventilated area.

Always keep container tightly closed and properly labeled.

Avoid contact with skin, eyes or clothing.

Wash thoroughly after handling

Storage temperature: store in cool dry place

Storage pressure: Atmospheric

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SECTION 8 – EXPOSURE / PERSONAL PROTECTION

COMPONENT # (Refer to section 2 for component #)	EXPOSURE LIMITS			HAZARD
	OSHA PEL	ACGIH TLV	OTHER LIMIT	
1	NOT EST.	NOT EST.	NOT EST.	NOT EST.

Respiratory: These precautions are not usually necessary in adequately ventilated areas. Wear NIOSH/MSHA approved respirator when ventilation is not adequate. A NIOSH /MSHA –approved air purifying respirator with an organic vapor cartridge or canister may be advisable under certain circumstances where airborne concentrations are expected to exceed exposure limits.

Ventilation: Always assure adequate ventilation.

Eye Protection: Wear safety goggles to protect against contact when appropriate.

Skin: Wear protective clothing to minimize skin contact. Wash skin after use. Wash contaminated clothing and dry before reuse.

One should always use chemicals with an awareness of the potential hazard of the effect on the human system. To minimize employee exposure to all chemicals, including this product, use good industrial hygiene practices.

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.

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Section 11- Toxicological Information

Acute Oral Toxicity:	(Rabbits) LD50 > 5000 mg/kg
Acute Dermal Toxicity:	Not determined
Acute Inhalation Toxicity:	Not determined
Eye Irritation:	(Rabbits) Not an irritant
Skin Irritation:	(Rabbits) Not an irritant
Skin Sensitization:	Not evaluated
Carcinogenicity (IARC; NTP; OSHA; ACGIH):	None of the components of this product at concentrations greater than 0.1% are listed by IARC: NTP, OSHA or ACGIH as a carcinogen.

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.

Component # Information

1 Not Reported.

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, sanitary sewers 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:

MSDS Product: Protection

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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.

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.

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: