

MATERIAL SAFETY DATA SHEET

Stain Blotter

Date Prepared: 11/30/2009

SECTION 1 – MATERIAL AND MANUFACTURER IDENTIFICATION

Product Identifier: Stain Blotter
Product Use: Stain absorbent

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 #
1. Powdered Cellulose	9004-34-6

(SEE SECTION 8 FOR EXPOSURE GUIDELINES)

SECTION 3 – Hazards Identification

Emergency Overview

Off white powder with no fragrance.

Exposure to high concentrations of dust may be Irritating to respiratory tract.

Potential Health Effects

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

Inhalation:

Excessive inhalation may cause irritation of the respiratory tract.

Eye Contact:

Dust may irritate eyes

Chronic effects: Not established.

NFPA GUIDE

HEALTH HAZARD (BLUE)	1
FLAMMABILITY HAZARD (RED)	2
REACTIVITY HAZARD (YELLOW)	0
OTHER HAZARD (WHITE)	

SECTION 4 – FIRST AID MEASURES

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

Eye Contact: Flush eyes with a directed stream of water. If irritation persists call a physician.

Skin Contact: Flush with water.

Ingestion: Call a physician.

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SECTION 5 – Fire Fighting Measures

Flashpoint: N/A

Flammable Limits: Not Available

Auto ignition Temperature: Not Available

General Hazard:

Material will burn if involved in a fire. Like most organic powders, under severe dusting conditions, this material may form explosive mixtures in air.

Fire Fighting Instructions:

Use water, carbon dioxide, dry chemical, or 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:

None known.

SECTION 6 – ACCIDENTAL RELEASE MEASURES

Small Spills: Sweep, Scoop or Vacuum up and dispose of in DOT approved waste container.

Large Spills: Same as for small spill, then dispose into DOT approved waste container. 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 should 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 on pallet without contact to walls, floor, or ceiling.

Storage pressure: Atmospheric

Avoid excessive heat or ignition source.

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:

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COMPONENT #	OSHA PEL TWA STEL	ACGIH TLV TWA STEL	NIOSH TWA STEL
1. Powdered Cellulose	15mg/m ³	10mg/m ³	

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

White odorless powder

PH: N/A

Vapor pressure: N/A

Vapor density: N/A

Boiling point: N/A

Freezing/Melting point: N/A

Solubility in water: Insoluble

Density: g/cc 1.27-1.61

Flammability: not established

Evaporation rate: N/A

Viscosity: N/A

SECTION 10 – Stability and Reactivity

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

Conditions to avoid: Avoid excessive dusting of the product. Avoid ignition sources

Incompatibility with other materials: Although the mixture has no known incompatibilities, some components of this mixture are not compatible with acids, metals, oxidizing or reducing materials.

Hazardous decomposition products: There are no known hazardous decomposition materials of this mixture.

Hazardous polymerization: Major components of this mixture show no hazardous polymerization.

Section 11- Toxicological Information

Toxicological information not available on product.

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.

Component #	Information
1. Powdered Cellulose	Acute oral toxicityLD50 Rat: 5,000 mg/kg

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Section 12- Ecological Information

Ecological information not established on this mixture

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

This *mixture* has no established reportable concentrations of hazardous or flammable materials regulated by DOT, although any components within this mixture that has DOT regulations are listed below.

Not Regulated

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.

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

- 1 This *mixture* has no established regulatory information
- 2 This *mixture* has no established regulatory information

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
Sigma-Aldrich 1/3/09

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