



MATERIAL SAFETY DATA SHEET

CAPSTONE Impregnator Seal

Date Prepared: 11/30/2000
Date Revised: 11/30/2000

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name/Use: CAPSTONE Impregnator Seal

MANUFACTURER

The Butcher Company
67 Forest Street
Marlborough, MA 01752-3012

Butcher Telephone Number: 800-225-9475
Emergency Telephone (24 hours): 800-228-5635
CHEMTREC (U.S./Can.): 800-424-9300
CHEMTREC (Int'l): +1 703-527-3887

2. COMPOSITION / INFORMATION ON INGREDIENTS

<u>INGREDIENT(S)</u>	<u>CAS NO.</u>	<u>% BY WEIGHT</u>
Xylene	1330-20-7	0.25 - <1.0

See Section 8 for Exposure Limits NA - Not Applicable

OSHA REGULATORY STATUS: This product is classified as hazardous under OSHA regulations.
WHMIS CLASS: Class B- Division 3

3. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW
Slightly Opaque, White Liquid. Mild, Solvent Odor. Combustible.

POTENTIAL HEALTH EFFECTS (See Section 11 for Toxicological Information)

PRIMARY ROUTE(s) OF EXPOSURE: Eye Skin Contact Skin Absorption
 Inhalation Ingestion

EFFECTS OF ACUTE EXPOSURE

EYES:

Non-irritating to the eyes, but may cause temporary redness or discomfort.

SKIN:

Non-irritating to the skin.

INHALATION:

Not expected to be irritating or harmful if inhaled.

INGESTION:

May cause mild mouth, throat and stomach irritation. Symptoms may include nausea.

EFFECTS OF CHRONIC EXPOSURE:

Prolonged or repeated contact may cause skin irritation.

MEDICAL CONDITIONS AGGRAVATED:

None known.

4. FIRST AID MEASURES

EYES:

Flush eyes with plenty of water while holding eyelids apart. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes. Do not put any medication in the victim's eyes unless instructed by a physician. Get medical attention if irritation develops.

SKIN:

Flush with water, then wash with soap and water. Remove saturated clothing. Get medical attention if irritation develops.

INHALATION:

Remove to fresh air. Get medical attention if symptoms persist.

INGESTION:

Do not induce vomiting. Drink large quantities of water. Get medical attention.

5. FIRE FIGHTING MEASURES

FLASH POINT AND METHOD: >120°F 48.9°C TCC

FLAMMABLE LIMITS:

Not applicable.

FLAMMABLE LIMITS

UPPER EXPLOSIVE LIMIT: 7.0% (Xylene)

LOWER EXPLOSIVE LIMIT: 1.0% (Xylene)

AUTOIGNITION TEMPERATURE: Not applicable.

EXTINGUISHING MEDIA:

Use water fog, dry chemical, CO₂, or foam.

HAZARDOUS COMBUSTION PRODUCTS:

Normal products of combustion (carbon monoxide and carbon dioxide).

FIRE AND EXPLOSION HAZARDS:

This product is combustible and may be ignited by heat, sparks, flame, and other ignition sources. Vapors can travel to a source of ignition and flash back.

FIRE FIGHTING INSTRUCTIONS:

Evacuate area. Cool containers exposed to fire with water. MSHA/NIOSH approved self-contained breathing apparatus (SCBA) and full protective gear should be worn.

6. ACCIDENTAL RELEASE MEASURES

See Section 8, Exposure Controls/Personal Protection and Section 3, Hazard Identification. Floors may be slippery. Use care to avoid falling. Remove ignition sources. Contain and isolate spill. Keep non-essential personnel from entering spill area. Use mop, absorbent and non-sparking tools to collect material for proper disposal. Rinse area with water.

7. HANDLING AND STORAGE

HANDLING:

Follow label use directions. Do not mix with other chemicals unless instructed by label directions. Avoid contact with eyes. Use spark-proof tools. Wash thoroughly after handling. Remove contaminated clothing. Wash clothing and equipment before reuse.

STORAGE:

Keep container closed when not in use. Store away from incompatible materials. (See Section 10, Stability and Reactivity). Store away from direct sunlight. Keep away from heat, sparks and flame. Do not store at temperatures above 120 F (49 C).

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

PERSONAL PROTECTIVE EQUIPMENT (PPE)

EYE:

Not required under normal conditions of use.

SKIN:

Where prolonged or repeated contact is possible, chemical-resistant clothing (e.g., gloves) is recommended.

RESPIRATORY:

No respiratory protection is required if ventilation is adequate.

ENGINEERING CONTROLS:

Good general room ventilation is expected to be adequate.

9. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE: Liquid
ODOR: Mild, Solvent
APPEARANCE: Slightly Opaque, White
pH: 6.0 to 7.0
PERCENT VOLATILE BY WEIGHT: 90
VAPOR PRESSURE: Not Available
VAPOR DENSITY: Not Available
BOILING POINT: Not Available
FREEZING/MELTING POINT: Not Available
SOLUBILITY IN WATER: Dispersible
EVAPORATION RATE: Not Available
SPECIFIC GRAVITY: 1.002
VISCOSITY: Water Thin
OCTANOL/WATER PARTITION COEFFICIENT: Not Available
ODOR THRESHOLD: Not Available

10. STABILITY AND REACTIVITY

STABILITY (CONDITIONS TO AVOID):

Stable.

POLYMERIZATION:

Will not occur.

HAZARDOUS DECOMPOSITION:

None known.

INCOMPATIBLE MATERIALS:

Oxidizers (e.g., bleach), strong acids (e.g., hydrochloric acid) and strong bases (e.g., sodium hydroxide).

11. TOXICOLOGICAL INFORMATION

ACUTE DATA:

This product is non-irritating to skin and eyes. Based on acute toxicity testing, it is not considered to be toxic by ingestion. The following data are available for this product and its ingredients:

<u>PRODUCT/INGREDIENT</u>	<u>ORAL LD₅₀ (rat)</u>	<u>DERMAL LD₅₀ (rabbit)</u>	<u>INHALATION LC₅₀ (rat)</u>
CAPSTONE Impregnator Seal	>5000 mg/kg	Not Available	Not Available
Xylene	5400 mg/kg	1700 mg/kg	6350 ppm (4-hr)

SENSITIZATION DATA:

No data available.

CHRONIC DATA:

No data available.

REPRODUCTIVE/TERATOGENIC DATA:

No data available.

CARCINOGENIC/MUTAGENIC DATA:

Not listed as carcinogenic by NTP, IARC, or ACGIH or regulated as a carcinogen by OSHA.

SYNERGISTIC MATERIALS:

No data available.

12. ECOLOGICAL INFORMATION

No data available.

13. DISPOSAL CONSIDERATIONS

Disposal of this material should be in accordance with local, state or provincial and federal regulations. The unused product, as manufactured, is a RCRA hazardous waste (Ignitable-D001) in accordance with 40 CFR 261. The product has not been evaluated by the Toxicity Characteristic Leachate Procedure (TCLP). According to RCRA, it is the responsibility of the waste generator to ensure proper disposal.

14. TRANSPORT INFORMATION

DOT/TDG HAZARDOUS MATERIAL DESCRIPTION: Not regulated

15. REGULATORY INFORMATION

Not meant to be all-inclusive—selected regulations represented.

UNITED STATES

SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT)

311/312 HAZARD CATEGORIES: Under 40 CFR 370.2, this product meets the following hazard categories:
Fire.

313 REPORTABLE INGREDIENTS: Ingredients in this product are not currently subject to notification.

CERCLA (COMPREHENSIVE RESPONSE, COMPENSATION, AND LIABILITY ACT)

CERCLA REGULATORY: Not reportable under CERCLA.

TSCA (TOXIC SUBSTANCE CONTROL ACT)

TSCA STATUS: This product complies with all TSCA inventory requirements.

STATE REGULATIONS: Xylene is listed on the Massachusetts Right-to-Know Substance List, New Jersey Right-To-Know Hazardous Substance List and the Pennsylvania Hazardous Substance List.

CANADA

WHMIS (WORKPLACE HAZARDOUS MATERIALS INFORMATION SYSTEM):

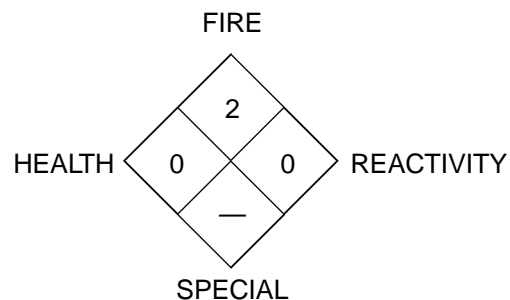
Class B-Division 3, combustible liquid. This product has been classified in accordance with the hazard criteria of the Canadian Controlled Products Regulations (CPR) and the MSDS contains all the information required by the CPR.

16. OTHER INFORMATION

HMIS RATING

HEALTH	-	0
FLAMMABILITY		2
REACTIVITY		0
PERSONAL PROTECTION	-	

NFPA RATING



MSDS STATUS

Revision #: 1

This MSDS replaces the December 09, 1997 MSDS. Any changes in information are as follows:

In Section 1

Date Prepared [] Print CHEMTREC Phone Number

In Section 9

(Group Field) for Vapor Pressure (Group Field) for Vapor Pressure Density Odor Threshold (Group Field) for Boiling Point (Group Field) for Freezing Point Specific Gravity (From) (Group Field) for Evaporation Rate Coeff Oil/Water

In Section 10

Hazardous Decomposition Products

In Section 15

OSHA Hazard Comm. Rule WHMIS Class

APPROVED BY: EH&S/Regulatory Affairs

APPROVAL DATE: 11/30/2000

The information on this data sheet represents our current data and best opinion as to the proper use in handling of the product under normal foreseeable conditions. Any use of this product which is not in conformance with this data sheet or product label, or which involves using the product in combination with any other product or any other process is the responsibility of the user.