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## Product Safety Summary Sheet

### DuPont™ CMBSI in Xylene Solution

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#### **Chemical Identification, Product Identification or Common Name:**

CAS number: 74222-95-0

CAS name: Benzoic acid 2-[(isocyanato)sulfonyl]-methyl ester (CMBSI)

EINECS Number: 277-779-0

IUPAC Name: methyl 2-isocyanatosulfonylbenzoate

#### **Product Uses and Applications:**

CMBSI is used by industrial users in the production, manufacture or formulation of agricultural chemicals or other products. CMBSI is not sold to consumers.

#### **Physical Properties of the Chemical or Product:**

CMBSI solution is an amber-colored liquid mixture with an aromatic odor. There exists the possibility of solid CMBSI and solid by-product impurities also being present. CMBSI solution has a boiling point of 146-148 degrees C (295-298 degrees F). CMBSI solution is considered volatile and will react with water. CMBSI solution is considered stable in xylene solution until heat reaches 150 deg. C (302 deg. F). CMBSI solution reacts violently with water, bases, hydroxylic groups, oxidizing agents, and selected amines.

This mixture also includes the following components:

- Xylene CAS 1330-20-7
- Ethyl benzene CAS 100-41-4
- Butyl Isocyanate CAS 111-36-4

**Workers:**

Workers should follow the recommended safety measures contained within the (Material) Safety Data Sheet ((M)SDS) and on any product packaging. Employees should be trained in the appropriate work processes and safety equipment to limit exposure to chemical substances. Occupational use of this substance is considered to be safe provided the recommended safety measures given in the (M)SDS are followed.

When working with CMBSI solution, always ensure adequate ventilation is available, especially in confined areas. Always store CMBSI solution in a cool, dry place in tightly closed containers. For sampling, wear chemical suit, boots, hood, and air supplied respirator if no local or mechanical exhaust or no closed sampling system is available.

**Consumers:**

CMBSI is primarily used in industrial applications. Consumer use of CMBSI is not expected. DuPont does not sell CMBSI for use by consumers.

**Storage and Transportation:**

Treatment, storage, transportation, and disposal of CMBSI solution must be in accordance with applicable Federal, State/Provincial, and Local regulations. Do not flush CMBSI to surface water or sanitary sewer system and do not allow CMBSI to enter drains. Recover non-usable free liquid and dispose in an approved and permitted incinerator.

**Health Information:**

Consumers are not likely to come in contact with the pure substance. For more information on health hazards and recommended protective equipment, please refer to the (M)SDS.

**Environmental Information:**

For more information and recommended protective measures, please refer to the (M)SDS.

**Workers:**

Risk management measures for industrial site use include containment through engineering controls and the use of personal protective equipment (PPE) as appropriate. Always refer to the (Material) Safety Data Sheet ((M)SDS) for guidance on the appropriate personal protective equipment to be used and on the safe handling of this material.

When working with CMBSI, always ensure adequate ventilation is available, especially in confined areas. Always store CMBSI in a cool, dry place in tightly closed containers. For sampling, wear chemical suit, boots, hood, and air supplied respirator if no local or mechanical exhaust or no closed sampling system is available. If using a closed sampling system, use chemical gloves and goggles. For breaking into lines, wear chemical suit, boots, hood and an air-supplied respirator.

**Consumers:**

CMBSI is primarily used in industrial applications. Consumer use of CMBSI is not expected. DuPont does not sell CMBSI for use by consumers.

**Storage and Transportation**

The treatment, storage, transportation, and disposal of CMBSI must be in accordance with applicable federal, state/provincial, and local regulations. Store CMBSI in its original container and keep the container tightly closed in a dry and well-ventilated place.

**Regulatory Information:**

Always refer to the (Material) Safety Data Sheet ((M)SDS) for guidance on regulatory restrictions that may govern the manufacture, sale, transportation, use and/or disposal of this chemical or product. Regulations may vary by region, country, state, county, city, or local government.

**First Aid Information:**

For all First Aid or Emergency information, consult the (Material) Safety Data Sheet ((M)SDS).

**Information Sources:**

Data is compiled from a variety of sources, including publicly available documents, internal data and other sources such as, but not limited to, Chemical Safety Reports and (Material) Safety Data Sheets ((M)SDS).

**Contact Information:**

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