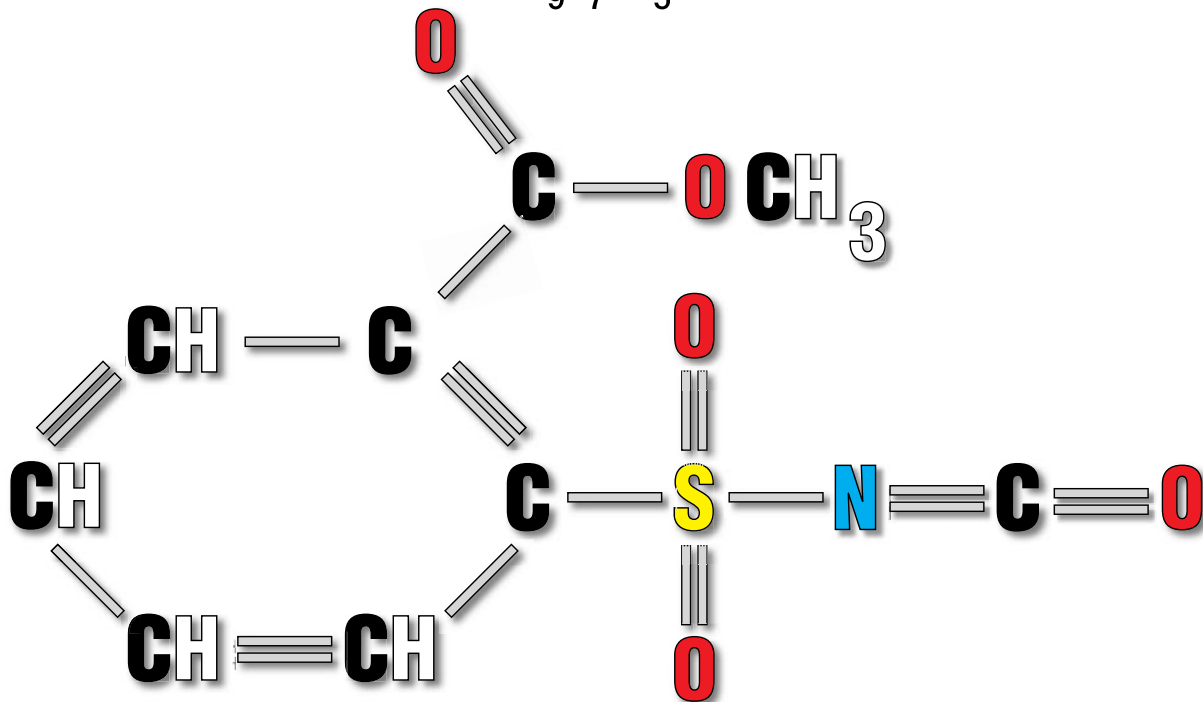


2-Carbomethoxybenzenesulfonyl Isocyanate 30% in Xylene (2-CMBSI)



Molecular Weight = 241.22

CAS #74222-95-0

SPECIFICATIONS

Isocyanate, wt %: 30 - 40

Isocyanate, wt % (dry wt.): 80 min.

PHYSICAL PROPERTIES

Appearance: Yellow to dark-brown liquid

Odor: Aromatic, Acrid

BP: 144°C / 291°F

Flash Point: 29°C / 84°F

Vapor Pressure: 38 mmHg @ 20°C

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APPLICATIONS

2-CMBSI is a chemical intermediate used in the synthesis of agricultural chemicals.

SAFETY AND HANDLING

Ensure adequate ventilation. Avoid contact with skin, eyes and clothing. Keep away from open flames, hot surfaces and sources of ignition. Take precautionary measures against static discharges. Use only in an area containing flame proof equipment. To avoid ignition of vapors by static electricity discharge, all metal parts of the equipment must be grounded. In case of insufficient ventilation, wear suitable respiratory equipment. Handle product only in closed system or provide appropriate exhaust ventilation at machinery.

FIRST AID

Seek immediate medical attention. Show MSDS to doctor.

Eye Contact: Immediate medical attention is required. Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Keep eye wide open while rinsing. Do not rub affected area.

Skin Contact: Wash off immediately with soap and plenty of water removing all contaminated clothes and shoes. Consult physician if necessary.

Ingestion: Immediate medical attention is required. Call a physician or Poison Control Center immediately. Do NOT induce vomiting. Drink plenty of water. Never give any thing by mouth to an unconscious person. Remove from exposure, lie down.

Inhalation: Call a physician or Poison Control Center immediately. Move to fresh air. If breathing is difficult, give oxygen. If not breathing, give artificial respiration.

SPILLS AND DISPOSAL

Use appropriate PPE (see MSDS). Remove all sources of ignition. Evacuate personnel to safe areas. Ensure adequate ventilation. Use personal protective equipment. Keep people away from and upwind of spill/leak. Prevent further leakage or spillage if safe to do so. Prevent product from entering drains. Do not flush into surface water or sanitary sewer system. Dam up. Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust). Pick up and transfer to properly labeled containers. Dispose of empty containers according to local regulations. DO NOT reuse empty containers.

STORAGE

Keep containers tightly closed in a dry, cool and well-ventilated place. Keep in properly labeled containers. Keep away from heat and sources of ignition.

PACKAGING AND SHIPPING

2CMBSI is available in bulk container. Other packaging can be considered upon request.

EMERGENCY RESPONSE

*Contact CHEMTREC 1-800-424-9300 in case of a transportation incident.

*Contact VanDeMark 1-716-433-6764 for all other incidents.