

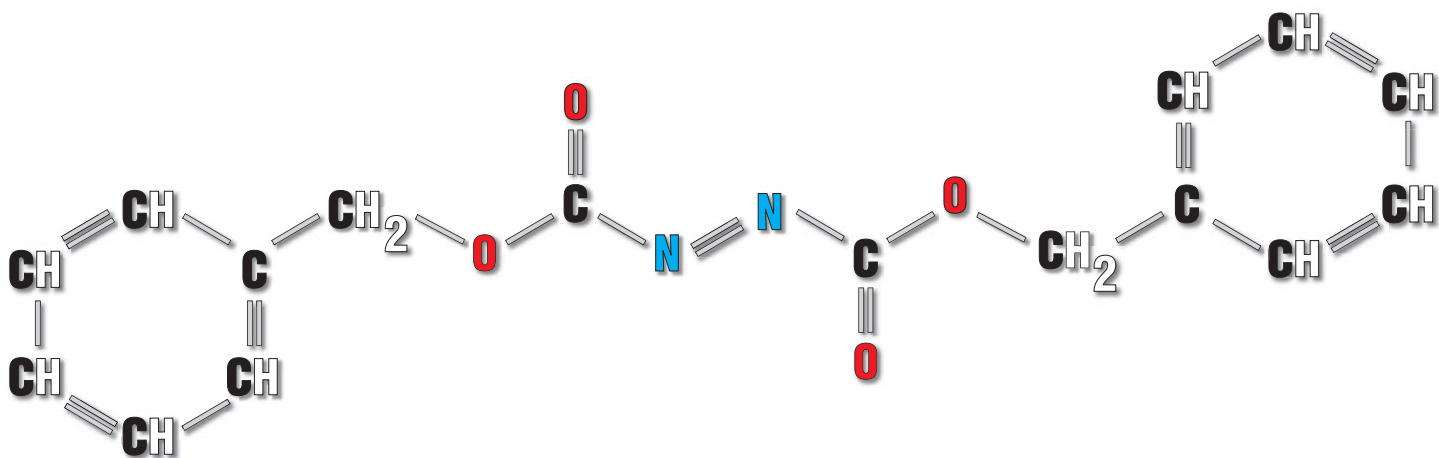
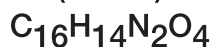
VanDeMark

Phosgene Chemistry – Custom Chemicals

Rev B

DIBENZYL AZODICARBOXYLATE

(DBAD)



Molecular Weight = 298.29

CAS #2449-05-0

SPECIFICATIONS

Assay: 98.0 % min.

Volatiles: 1.0% max.

Insolubles: 0.1% max.

PHYSICAL PROPERTIES

Appearance: Yellow-orange crystalline solid

FW: 298.30

MP: 45 - 49°C

BP: Decomposes

NOTICE: The technical information and suggestions for use made herein are based on VanDeMark's research and experience and are believed to be reliable, but such information and suggestions do not constitute a warranty, and no patent liability can be assumed. This publication is not to be taken as a license to operate under or infringe on any patents. Since VanDeMark has no control over the conditions under which the product is transported, stored, handled, used or applied, buyer must determine for himself by preliminary tests or otherwise, the suitability of the product for his purposes. VanDeMark's liability on any basis is limited to the price of the product used. The information in this bulletin supersedes all previously issued bulletins on the subject matter covered.

APPLICATIONS

DBAD is a reactive chemical intermediate used in the synthesis of pharmaceuticals.

SAFETY AND HANDLING

Wear personal protective equipment. Ensure adequate ventilation. Avoid dust formation. Do not breathe vapors/dust. Avoid contact with skin and eyes. Keep container tightly closed. Keep away from heat. Keep at temperature below 4.4°C / 40°F. Keep in properly labeled containers.

FIRST AID

Seek immediate medical attention. Show MSDS to doctor.

Eye Contact: Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Keep eye wide open while rinsing. If symptoms persist, call a physician.

Skin Contact: Wash off immediately with soap and plenty of water removing all contaminated clothes and shoes. If skin irritation persists, call a physician.

Ingestion: Clean mouth with water and afterwards drink plenty of water. Never give anything by mouth to an unconscious person. Do not induce vomiting. Consult a physician.

Inhalation: Move to fresh air. If symptoms persist, call a physician.

SPILLS AND DISPOSAL

Use personal protective equipment (see MSDS). Ensure adequate ventilation. Avoid dust formation. Prevent further leakage or spillage if safe to do so. Cover powder spill with plastic sheet or tarp to minimize spreading. Sweep up and shovel into suitable containers for disposal. Clean contaminated surface thoroughly. Dispose of empty containers according to local regulations. DO NOT reuse empty containers.

STORAGE

Keep container tightly closed. Keep away from heat. Keep at temperatures below 4.4°C / 40°F. Keep in properly labeled containers. Shelf life is six (6) months. Storage at temperatures above what is recommended may require retesting after six (6) months to determine assay, and it may result in product becoming hard and lumping.

PACKAGING AND SHIPPING

Dibenzyl Azodicarboxylate (DBAD) is available in 25 kg RSC box.

EMERGENCY RESPONSE

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

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