

MATERIAL SAFETY DATA SHEET

Squaric Acid Di-N-Butyl Ester

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Product/Chemical Name: Squaric Acid Di-N-Butyl Ester (SADBE)

Formula: 3, 4-Di-n-butoxy-3-cyclobutene-1,2-dione (C₁₂H₁₈O₄)

Physical Description: Colorless liquid

Special Hazards: Very hazardous in case of ingestion. Hazardous in case of skin contact (irritant, permeator), of eye contact (irritant), of inhalation.

Unusual Fire/Explosion Hazards: May be combustible at high temperature.

Reactivity: Stable

Hazardous Decomposition Products: N/A

Spill or Leak Procedures

Action: For small and large spills, absorb with an inert material and put the spilled material in an appropriate waste disposal. Finish cleaning by spreading water on the contaminated surface and allow to evaporate through the sanitary system.

Disposal Method: To be performed in compliance with all current local, state and federal regulations.

Overexposure Effects: Irritation to skin, eyes. Hazardous if inhaled or ingested.

Potential Carcinogen: Information not available.

First Aid Procedures

Skin: After contact with skin, wash immediately with plenty of water. Gently and thoroughly wash the contaminated skin with running water and non-abrasive soap. Be particularly careful to clean folds, crevices, creases and groin. Cover the irritated skin with an emollient. If irritation persists, seek medical attention. Wash contaminated clothing before reusing. If serious skin contact, wash with a disinfectant soap and cover the contaminated skin with an anti-bacterial cream. Seek medical attention.

Eyes: Check for and remove any contact lenses. Immediately flush eyes with plenty of water for at least 15 minutes. Do not use an eye ointment. Seek medical attention.

Ingestion: Do not induce vomiting. Loosen tight clothing such as a collar, tie, belt or waistband. If the victim is not breathing, perform CPR. Seek immediate medical attention.

Inhalation: Allow the victim to rest in a well ventilated area. Seek immediate medical attention.

Special Protection Information

Splash goggles, gloves, lab coat and vapor respirator are recommended.

Special Handling Precautions

Do not spill on skin or get in eyes.