

Dimethoxybenzene  
VERATROLE

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Material Safety Data Sheet

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Emergency Telephone Number  
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Effective Date: 05-20-93 Supersedes 03-05-87

PRODUCT IDENTIFICATION:

Synonyms: o-Dimethoxybenzene; 1,2-dimethoxybenzene

Formula CAS No.: 91-16-7

Molecular Weight: 138.17

Hazardous Ingredients: Veratrole

Chemical Formula: C8H10O2

PRECAUTIONARY MEASURES

WARNING! MAY BE HARMFUL IF SWALLOWED, INHALED OR ABSORBED THROUGH SKIN. MAY CAUSE IRRITATION. COMBUSTIBLE.

Do not breathe dust or vapor.  
Avoid contact with eyes, skin and clothing.  
Keep container closed.  
Use with adequate ventilation.  
Wash thoroughly after handling.  
Keep away from heat, sparks and flame.

EMERGENCY FIRST AID

In case of eye contact, immediately flush eyes with plenty of water for at least 15 minutes. Call a physician. In case of contact, immediately flush skin with plenty of water for at least 15 minutes. If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. If swallowed, call a physician immediately.  
SEE SECTION 5.

Physical Data

SECTION 1

Appearance: Colorless liquid or solid depending on temperature.

Odor: No information found.

Solubility: Slightly soluble in water.

Boiling Point: 206-207 C (403-405 F) Vapor Density (Air=1): No information found.

Melting Point: 15 C (59 F) Vapor Pressure (mm Hg): No information found.

Specific Gravity: 1.084 Evaporation Rate: No information found.

Fire and Explosion

SECTION 2

Information

Fire: May ignite when exposed to heat or flame.  
Flashpoint: 87 C (189 F)

Explosion: Above the flash point, explosive vapor-air mixtures may be formed.

Fire Extinguishing Media: Water spray, dry chemical, alcohol foam, or carbon dioxide.

Special Information: In the event of a fire, wear full protective clothing and NIOSH-approved self-contained breathing apparatus with full facepiece operated in the pressure demand or other positive pressure mode.

## Reactivity Data

## SECTION 3

## Stability:

Stable under ordinary conditions of use and storage.

## Hazardous Decomposition Products:

Carbon dioxide and carbon monoxide may form when heated to decomposition.

Hazardous Polymerization: Will not occur.

Incompatibilities: Strong oxidizers, acids, bases, and reducing agents.

## Leak/Spill Disposal Information

## SECTION 4

Remove all sources of ignition. Ventilate area of leak or spill. Clean-up personnel may require respiratory protection. Spills: Clean up spills in a manner that does not disperse dust into the air. Use non-sparking tools. Pick up spill for recovery or disposal and place in a closed container. If substance is in the liquid state, absorb with vermiculite, dry sand, earth or similar material. Do not flush to sewer. Disposal: Whatever cannot be saved for recovery may be burned in an approved incinerator or disposed in an approved waste facility.

Ensure compliance with local, state and federal regulations.

## Health Hazard Information

## SECTION 5

## A. Exposure/Health Effects

Information on the human health effects from exposure to this substance is limited.

Inhalation: No information found, but compound should be handled as a potential health hazard.

Ingestion: No information found, but compound should be handled as a potential health hazard.

Skin Contact: May cause irritation. May be absorbed through the skin.

Eye Contact: May cause irritation.

Chronic Exposure: No information found.

Aggravation of Pre-existing Conditions: No information found.

## B. FIRST AID

Inhalation: Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Call a physician.

Ingestion: If swallowed, call a physician immediately.

Skin Exposure: Remove any contaminated clothing. Wash skin with soap or mild detergent and water for at least 15 minutes. Get medical attention if irritation develops or persists.

Eye Exposure: Wash eyes with plenty of water for at least 15 minutes, lifting lower and upper eyelids occasionally. Get medical attention immediately.

C. TOXICITY (RTECS, 1993)

Oral rat LD50: 890 mg/kg.

Occupational Control Measures SECTION 6

Airborne Exposure Limits: None established.

Ventilation System: A local exhaust system which captures the contaminant at its source is recommended to prevent dispersion of the contaminant into the workroom air.

Personal Respirators (NIOSH Approved) For conditions of use where exposure to the vapor is apparent, a half mask chemical cartridge respirator may be worn. For emergencies, a self-contained breathing apparatus may be necessary.

Skin Protection: Wear protective gloves and clean body-covering clothing.

Eye Protection: Use chemical safety goggles. Contact lenses should not be worn when working with this material. Maintain eye wash fountain and quick-drench facilities in work area.

Storage and Special Information SECTION 7

Protect against physical damage. Outside or detached storage is preferred. Inside storage should be in a standard flammable liquids storage room or cabinet. Separate from oxidizing materials. Storage and use areas should be No Smoking areas. Isolate from incompatible substances.

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Addendum to Material Safety Data Sheet

REGULATORY STATUS

Hazard Categories for SARA  
Section 311/312 Reporting

Acute	Chronic	Fire	Pressure	Reactive
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X		X		

Product or Components of Product:	SARA EHS		Chemicals		CERCLA	RCRA
	Sec. 302 RQ	TPQ	Name List	Chemical Category	Sec.103 RQ lbs	Sec. 261.33
VERATROLE (91-16-7)	No	No	No	No	No	No

## SARA Section 302 EHS RQ:

Reportable Quantity of Extremely Hazardous Substance, listed at 40 CFR 355.

## SARA Section 302 EHS TPQ:

Threshold Planning Quantity of Extremely Hazardous substance. An asterisk (\*) following a Threshold Planning Quantity signifies that if the material is a solid and has a particle size equal to or larger than 100 micrometers, the Threshold Planning Quantity = 10,000 LBS.

## SARA Section 313 Chemicals:

Toxic Substances subject to annual release reporting requirements listed at 40 CFR 372.65.

## CERCLA Sec. 103:

Comprehensive Environmental Response, Compensation and Liability Act (Superfund) Releases to air, land or water of these hazardous substances which exceed the Reportable Quantity (RQ) must be reported to the National Response Center, (800-424-8802); Listed at 40 CFR 302.4

## RCRA:

Resource Conservation and Recovery Act. Commercial chemical product wastes designated as acute hazards and toxic under 40 CFR 261.33

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