

AERCHEM INC.
320 North Walnut
Bloomington, IN 47404

Tel: 812.334.9996 Fax: 812.334.1960 Emergency: 800.424.9300

SECTION 1: IDENTIFICATION

Product Name: GUAIFENESIN
Chemical Name: 3-(O-Methoxyphenoxy)-1,2-propanediol
Molecular Formula: C₁₀H₁₄O₄
CAS No.: 93-14-1

SECTION 2: HAZARDOUS INGREDIENTS:

SECTION 3: PHYSICAL DATA

Odor:	N/A
Appearance:	Solid
Melting point.:	78.5°C
Boiling point:	Decomposes
Decomposition temperature:	N/A
pH (depends on quality):	N/A
Solubility in methanol:	Easily soluble in methanol
Specific gravity (water = 1)	N/A
Vapor density:	N/A
Vapor pressure:	N/A

SECTION 4: FIRE AND EXPLOSION DATA

Flash point:	N/A
Flammable limit:	N/A
Flammability:	Combustible
Extinguishing media:	Dry Chem., CO ₂ , Water Spray, Foam
Fire fighting procedures:	Do NOT use Water Jet
Unusual fire and explosions hazards:	No additional remark

SECTION 5: REACTIVITY DATA

Stable X Unstable

Decomposition byproducts:	N/A
Incompatibilities/Condition to Avoid:	N/A
Hazardous Polymerization:	N/A

SECTION 6: HEALTH HAZARD DATA

Toxicity:	Oral (LD50) 1540 mg/kg (rat)	650 mg/kg (mouse)
Route of Entry:	Ingestion	
TWA:	N/A	
TLV:	N/A	

SECTION 7: SPILLAGE AND DISPOSAL PROCEDURES

Spillage: Use appropriate tools to put the spilled solid in a convenient waste disposal container. Finish cleaning by spreading water on the contaminated surface and dispose of according to local and regional authority requirements.

Disposal: Recycle to process, if possible. Consult your local or regional authorities.

SECTION 8: FIRST AID PROCEDURES

Eye Contact: Check for and remove any contact lenses. DO NOT use eye ointment. Seek medical attention.

Skin Contact: If the chemical got onto clothed portion of the body, remove the contaminated clothes as

quickly as possible, protecting your own hands and body. Place the victim under a deluge shower. If the chemical touches the victim's exposed skin, such as the hands: 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.

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

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Ingestion: Remove dentures if any. Have conscious person drink several glasses of water or milk. INDUCE VOMITING by sticking finger n throat. Lower the head so that the vomit will not reenter the mouth an throat. NEVER give an unconscious person anything to ingest. Seek medical attention.

SECTION 9: HANDLING AND STORAGE INFORMATION:

Keep container dry. Keep in a cool, well-ventilated place. Ground all equipment containing material. Keep container tightly closed. Combustible materials should be stored away from extreme heat and away from strong oxidizing agents.

SECTION 10: SPECIAL PROTECTION INFORMATION:

Ventilation: Fume Hood
Skin Protection: Gloves
Eye Protection: Splash goggles
Respiratory Protection: Mask
Other:

SECTION 11: TRANSPORT INFORMATION

DOT Classification: not DOT regulated