



MATERIAL SAFETY DATA SHEET

PRODUCT: Radicol

PRODUCT USEAGE: This product is supplied with the intention that it is for laboratory research use only. It must not, under any circumstances, be used for human, drug, food, cosmetic, agricultural, domestic or any other use. This product must only be handled and used by suitably qualified personnel in an appropriately equipped laboratory.

CHEMICAL IDENTIFICATION:

Name: Radicol
CAS#: 12772-57-5
MF: C₁₈H₁₇ClO₆
MW: 364.8
Ingredient name: The following substances are present as residual components of production: Diethyl Ether, Inhibitor Free Petroleum Ether, N-Hexane

HAZARDS IDENTIFICATION:

Emergency Overview:
Toxic (USA), Harmful (Eu)
Irritating to eyes, respiratory system and skin. Harmful if swallowed.
Target organ(s): nerves, liver
HMS rating:
Health: 2*
Flammability: 0
Reactivity: 1
NFPA Rating:
Health: 2
Flammability: 0
Reactivity: 1
*additional chronic hazards present.
For additional information on toxicity, please refer to Section 11.

FIRST AID MEASURES:

If swallowed, wash out mouth with water provided person is conscious call a physician. If inhaled, remove to fresh air. If breathing becomes difficult, call a physician. In case of contact, immediately wash skin with soap and copious amounts of water. In case of contact with eyes, flush with copious amounts of water for at least 15 minutes. Assure adequate flushing by separating the eye lids with fingers. Remove contaminated clothing and shoes. Call a physician.



FIRE FIGHTING MEASURES:

Extinguishing media: Dry chemical powder, carbon dioxide, water spray or polymer foam.

Flash point: N/A

Auto ignition temp: N/A

Flammability: N/A

Fire fighting procedures: Wear self-contained breathing apparatus and full protective clothing to prevent contact with skin and eyes.

Unusual Fire and Explosive Hazards: Emits toxic fumes under fire conditions.

ACCIDENTAL RELEASE MEASURES:

Steps to be Taken if Material is Released or Spilled:

Exercise appropriate precautions to minimize direct contact with skin or eyes and prevent inhalation of dust. Wear self-contained breathing apparatus, rubber boots, and heavy rubber gloves. Spilled material should be carefully wiped up or moistened with water and removed.

HANDLING AND STORAGE:

Handling:

User exposure: Avoid breathing dust. Avoid contact with eyes, skin and clothing. Avoid prolonged or repeated storage.

Storage:

Suitable: keep tightly closed. Store at -20°C

Special requirements: Light sensitive

EXPOSURE CONTROLS/PERSONAL PROTECTION:

Protective equipment: Wear suitable protective clothing, such as chemical resistant gloves and chemical safety goggles.

Respiratory Protection and Ventilation: Use a NIOSH/MSHA approved respirator. Handle in a chemical fume hood with adequate ventilation.

Engineering controls: Safety shower and eye bath. Mechanical exhaust required.

Wash thoroughly after handling.

PHYSICAL AND CHEMICAL PROPERTIES:

Appearance: Solid

STABILITY AND REACTIVITY:

Stability: Stable under normal handling procedures.

Incompatibles: Avoid contact with strong oxidizing agents, sensitive to light.

Hazardous combustion or decomposition products: Carbon Monoxide, Carbon Dioxide and Hydrogen Chloride gas. Hazardous polymerization will not occur.



TOXICOLOGICAL INFORMATION:

Acute effects: May cause skin irritation. May cause eye irritation. Material may be irritating to mucous membranes and upper respiratory tract. May be harmful by inhalation, ingestion, or skin absorption. Prolonged or repeated exposure may cause allergic reactions in certain sensitive individuals. The toxicological properties have not been thoroughly investigated.

RTECS #: Ix8930000 Geldanamycin, 17-Demethoxy-15-Methoxy-11-O-Methyl-, (15r)-

Toxicity data:

Oral (Mouse): 300 mg/kg LD50

Intravenous (Mouse): 175 mg/kg LD50

ECOLOGICAL INFORMATION:

No information available.

DISPOSAL CONSIDERATIONS:

Country, federal, state, and local regulations are varied and change frequently. For this reason, we recommend that you contact your local Department of Health Services for information on the disposal of this product or arrange for disposal by a licensed disposal company.

Contact a licensed professional waste disposal service to dispose of this material. Dissolve or mix the material with a combustible solvent and burn in a chemical incinerator equipped with an afterburner and scrubber.

TRANSPORT INFORMATION:

This substance is considered to be non-hazardous for transport.

REGULATORY INFORMATION:

Eu Additional Classification:

Symbol of danger: XN

Indication of danger: Harmful

R: 36/37/38 22

Risk statements: Irritating to eyes, respiratory system, and skin. Harmful if swallowed

S: 26 36/37/39

Safety statements: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. Wear suitable protective clothing, gloves, and eye/face protection.

US Classification And Label Text:

Indication of danger: Toxic (USA), Harmful (Eu)

Risk statements: Irritating to eyes, respiratory system, and skin. Harmful if swallowed.

Safety statements: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. Wear suitable protective clothing, gloves, and eye/face protection.

US Statements:



Target organ(s): nerves, liver

US Regulatory Information:

SARA listed: no

Canada Regulatory Information:

WHMIS classification: This product has been classified in accordance with the hazard criteria of the CPR, and the MSDS contains all the information required by the CPR.

DSL: no

NDSL: no

OTHER INFORMATION:

Material should only be handled by qualified, experienced professionals. The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide for experienced personnel. **A.G. Scientific, Inc.** shall not be held liable for any damage resulting from the handling or from contact with the above product.

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