

**AERCHEM INC.**  
**320 North Walnut**  
**Bloomington, IN 47404**

Tel: 812.334.9996

Fax: 812.334.1960

Emergency: 800.424.9300

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**SECTION 1: IDENTIFICATION**

**Effective Date:** 9/97  
**Product Name:** RUTIN  
**Chemical Formula:** C<sub>27</sub>H<sub>30</sub>O<sub>16</sub>  
**CAS No.:** 153-18-4

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**SECTION 2: HAZARDOUS INGREDIENTS:**

N/A

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**SECTION 3: PHYSICAL DATA**

Odor:	N/A
Appearance:	solid
Molecular weight:	610.51
Melting point.:	214°C (417.2°F)
Boiling point:	N/A
Decomposition temperature:	N/A
pH (depends on quality):	N/A
Solubility in water:	N/A
Specific gravity (water = 1)	N/A
Vapor density:	N/A
Vapor pressure:	N/A

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**SECTION 4: FIRE AND EXPLOSION DATA**

Flash point:	N/A
Flammable limit:	N/A
Flammability:	Combustible
Extinguishing media and instructions:	SMALL FIRE: Use DRY chemicals, CO <sub>2</sub> , water spray or foam. LARGE FIRE: Use water spray, fog or foam. DO NOT use water jet.
Unusual fire and explosions hazards:	N/A

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**SECTION 5: REACTIVITY DATA**

Stable  X  Unstable

<b>Decomposition byproducts:</b>	None
<b>Incompatibilities/Condition to Avoid:</b>	N/A
<b>Hazardous Polymerization:</b>	Does not occur.

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**SECTION 6: HEALTH HAZARD DATA**

<b>Toxicity:</b>	Slightly hazardous in case of ingestion.
<b>Route of Entry:</b>	Ingestion
<b>Permissible Exposure limits:</b>	N/A
<b>TWA:</b>	N/A
<b>TLV:</b>	N/A

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**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 requirements.

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

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**SECTION 8: FIRST AID PROCEDURES**

<b>Eye Contact:</b>	NO known EFFECT on eye contact, rinse with water for a few minutes.
<b>Skin Contact:</b>	If the chemical got onto the clothed portion of the body, remove the contaminated clothes as quickly as possible, protecting you own hands and body. Place 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.

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<b>Inhalation:</b>	Allow the victim to rest in a well-ventilated area. Seek immediate medical attention.
<b>Ingestion:</b>	Remove dentures, if any. Have conscious person drink several glasses of water or milk. INDUCE VOMITING by sticking finger in throat. Lower the head so that the vomit will not reenter the mouth and throat. NEVER give an unconscious person anything to ingest. Seek medical attention.

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**SECTION 9: HANDLING AND STORAGE INFORMATION:**

Keep away from heat. Keep away from sources of ignition. Empty containers pose a fire risk, evaporate the residue under a fume hood. Ground all equipment containing material. DO NOT breathe dust.  
Keep in a cool, dry, well-ventilated place. Keep container tightly closed.

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**SECTION 10: SPECIAL PROTECTION INFORMATION:**

<b>Ventilation:</b>	Local exhaust ventilation.
<b>Skin Protection:</b>	Lab coat, Gloves
<b>Eye Protection:</b>	Safety glasses

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**SECTION 11: TRANSPORT INFORMATION**

**DOT Classification:** NOT a DOT regulated material

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**SECTION 12: OTHER REGULATORY INFORMATION**

<b>Federal and State regulations:</b>	N/A
<b>WHMIS (Canada):</b>	N/A
<b>DSCL (EEC):</b>	N/A
<b>HMIS (USA):</b>	N/A

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