# MATERIAL SAFETY DATA SHEET

# **Section 1 - Chemical Product and Company Identification**

MSDS Name: 3-Methoxycatechol, 99%

**Catalog** AC125810000, AC125810250, AC125811000

Numbers:

**Synonyms:** Pyrogallol monomethyl ether; 3-Methoxypyrocatechol; 6-Methoxycatechol; Pyrocatechol,

3-methoxy-; Pyrogallol 1-methyl ether; Pyrogallol 1-monomethyl ether; 1,2-Benzenediol,

3-methoxy-; 2,3-Dihydroxyanisole; 3-Methoxy-1,2-benzenediol

Company Identification: Acros Organics BVBA

Janssen Pharmaceuticalaan 3a

2440 Geel, Belgium

Company Identification: (USA) Acros Organics

One Reagent Lane Fair Lawn, NJ 07410

For information in the US, call: 800-ACROS-01
For information in Europe, call: +32 14 57 52 11
Emergency Number, Europe: +32 14 57 52 99
Emergency Number US: 201-796-7100
CHEMTREC Phone Number, US: 800-424-9300
CHEMTREC Phone Number, Europe: 703-527-3887

#### Section 2 - Composition, Information on Ingredients

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CAS#: 934-00-9

Chemical Name: 3-Methoxycatechol

%: 99

EINECS#: 213-276-4

Hazard Symbols: XI



Risk Phrases: 36/37/38

#### Section 3 - Hazards Identification

#### **EMERGENCY OVERVIEW**

Warning! Causes respiratory tract irritation. May cause digestive tract irritation. Irritant. Causes eye and skin irritation. Target Organs: No data found.

#### **Potential Health Effects**

**Eye:** Causes eye irritation. May cause chemical conjunctivitis.

**Skin:** Causes skin irritation.

**Ingestion:** May cause gastrointestinal irritation with nausea, vomiting and diarrhea. **Inhalation:** Causes respiratory tract irritation. Can produce delayed pulmonary edema.

Chronic: Effects may be delayed.

#### **Section 4 - First Aid Measures**

Eyes: Immediately flush eyes with plenty of water for at least 15 minutes, occasionally lifting

the upper and lower eyelids. Get medical aid.

Skin: Get medical aid. Flush skin with plenty of water for at least 15 minutes while removing

contaminated clothing and shoes. Wash clothing before reuse.

Ingestion: Never give anything by mouth to an unconscious person. Get medical aid. Do NOT

induce vomiting. If conscious and alert, rinse mouth and drink 2-4 cupfuls of milk or

water.

**Inhalation:** Remove from exposure and move to fresh air immediately. If not breathing, give artificial

respiration. If breathing is difficult, give oxygen. Get medical aid. Do NOT use mouth-to-

mouth resuscitation.

**Notes to** Treat symptomatically and supportively.

Physician:

# **Section 5 - Fire Fighting Measures**

**General**As in any fire, wear a self-contained breathing apparatus in pressure-demand, **Information:**MSHA/NIOSH (approved or equivalent), and full protective gear. During a fire,

irritating and highly toxic gases may be generated by thermal decomposition or

combustion.

**Extinguishing** Use water spray, dry chemical, carbon dioxide, or appropriate foam.

Media:

Autoignition Not applicable.

Temperature:

Flash Point: > 110 deg C (> 230.00 deg F)

**Explosion Limits:** Not available

Lower:

Explosion Limits: Not available

Upper:

NFPA Rating: health: 2; flammability: 1; instability: 0;

#### Section 6 - Accidental Release Measures

**General** Use proper personal protective equipment as indicated in Section 8.

Information:

Spills/Leaks: Sweep up, then place into a suitable container for disposal. Avoid generating dusty

conditions. Provide ventilation.

#### Section 7 - Handling and Storage

Handling: Wash thoroughly after handling. Remove contaminated clothing and wash before reuse.

Minimize dust generation and accumulation. Avoid contact with eyes, skin, and clothing.

Avoid ingestion and inhalation. Use with adequate ventilation.

Storage: Store in a tightly closed container. Store in a cool, dry, well-ventilated area away from

incompatible substances.

# **Section 8 - Exposure Controls, Personal Protection**

# **Engineering Controls:**

Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower. Use adequate ventilation to keep airborne concentrations low.

Exposure Limits+			
Chemical Name   Final PELs	ACGIH	NIOSH	OSHA -
	-		
3-Methoxycatechol listed	none listed	none listed	none
++	-+	+	

OSHA Vacated PELs: 3-Methoxycatechol: None listed

**Personal Protective Equipment** 

**Eyes:** Wear appropriate protective eyeglasses or chemical safety goggles as described by

OSHA's eye and face protection regulations in 29 CFR 1910.133 or European Standard

EN166.

**Skin:** Wear appropriate protective gloves to prevent skin exposure. **Clothing:** Wear appropriate protective clothing to prevent skin exposure.

Respirators: A respiratory protection program that meets OSHA's 29 CFR 1910.134 and ANSI Z88.2

requirements or European Standard EN 149 must be followed whenever workplace

conditions warrant respirator use.

#### **Section 9 - Physical and Chemical Properties**

Physical State: Crystals
Color: clear yellow
Odor: None reported.

pH: Not available

Vapor Pressure: Not available Vapor Density: Not available Evaporation Rate: Not available Viscosity: Not available

Boiling Point: 146.0 - 147.0 deg C @ 15.00mm

Freezing/Melting Point: 40.00 - 43.00 deg C

Decomposition Temperature: Not available
Solubility in water: Not available.
Specific Gravity/Density: Not available.
Molecular Formula: C7H8O3

Molecular Weight: 140.14

# **Section 10 - Stability and Reactivity**

Chemical Stability: Stable at room temperature in closed containers under normal storage

and handling conditions.

**Conditions to Avoid:** Incompatible materials, excess heat, strong oxidants.

Incompatibilities with Other

**Materials** 

Strong oxidizing agents, strong bases.

**Hazardous Decomposition** 

**Products** 

Carbon monoxide, irritating and toxic fumes and gases, carbon

dioxide.

**Hazardous Polymerization** Has not been reported.

### Section 11 - Toxicological Information

**RTECS#**: CAS# 934-00-9: CZ9002750 **LD50/LC50**: RTECS: Not available.

Carcinogenicity: 3-Methoxycatechol - Not listed as a carcinogen by ACGIH, IARC, NTP, or CA Prop

65.

Epidemiology: Experimental neoplastigenic data has been reported.

Teratogenicity: Not available
Reproductive: Not available
Neurotoxicity: Not available
Mutagenicity: Not available
Other: Not available

#### **Section 12 - Ecological Information**

# Not available

#### **Section 13 - Disposal Considerations**

Chemical waste generators must determine whether a discarded chemical is classified as a hazardous waste. US EPA guidelines for the classification determination are listed in 40 CFR Parts 261.3. Additionally, waste generators must consult state and local hazardous waste regulations to ensure complete and accurate classification. RCRA P-Series: None listed. RCRA U-Series: None listed.

# **Section 14 - Transport Information**

**US DOT** 

Shipping Name: Not regulated as a hazardous material

Hazard Class: **UN Number:** Packing Group: Canada TDG

Shipping Name: Not available

Hazard Class: **UN Number:** Packing Group:

#### **Section 15 - Regulatory Information**

#### **US Federal**

**TSCA** 

CAS# 934-00-9 is not listed on the TSCA Inventory. It is for research and development use only.

**Health & Safety** Reporting List

None of the chemicals are on the Health & Safety Reporting List.

**Chemical Test Rules** 

None of the chemicals in this product are under a Chemical Test Rule.

Section 12b

None of the chemicals are listed under TSCA Section 12b.

**TSCA Significant New** 

None of the chemicals in this material have a SNUR under TSCA.

**Use Rule** 

**CERCLA Hazardous** 

None of the chemicals in this material have an RQ.

Substances and corresponding RQs

SARA Section 302

**Extremely Hazardous** 

Substances

None of the chemicals in this product have a TPQ.

Section 313 No chemicals are reportable under Section 313.

Clean Air Act: This material does not contain any hazardous air pollutants. This material

does not contain any Class 1 Ozone depletors. This material does not

contain any Class 2 Ozone depletors.

**Clean Water Act:** None of the chemicals in this product are listed as Hazardous Substances

under the CWA. None of the chemicals in this product are listed as Priority Pollutants under the CWA. None of the chemicals in this product are listed

as Toxic Pollutants under the CWA.

OSHA:

**STATE** 3-Methoxycatechol is not present on state lists from CA, PA, MN, MA, FL, or

California Prop 65

California No Significant None of the chemicals in this product are listed.

Risk Level:

**European/International Regulations** 

European Labeling in Accordance with EC Directives

Hazard Symbols: XI Risk Phrases:

R 36/37/38 Irritating to eyes, respiratory system and skin.

Safety Phrases:

S 24/25 Avoid contact with skin and eyes.

WGK (Water Danger/Protection)

CAS# 934-00-9: Not available

#### Canada

CAS# 934-00-9 is listed on Canada's DSL List Canadian WHMIS Classifications: D2B

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and the MSDS contains all of the information required by those regulations.

CAS# 934-00-9 is not listed on Canada's Ingredient Disclosure List.

#### **Section 16 - Other Information**

MSDS Creation Date: 9/02/1997 Revision #5 Date 10/03/2005

The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantibility or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigations to determine the suitability of the information for their particular purposes. In no event shall the company be liable for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential, or exemplary damages howsoever arising, even if the company has been advised of the possibility of such damages.