



## Material Safety Data Sheet

Xylene cyanol FF

MSDS# 02974

### Section 1 - Chemical Product and Company Identification

MSDS Name: Xylene cyanol FF

Catalog AC422690000, AC422690050, AC422690250, AC422690500, AC422691000, AC422692500

Numbers: AC422692500, AC422695000, BP125-100, O6116-100, O6116-25

Synonyms: C.I. 43535.

Company Identification:

Acros Organics BVBA  
Janssen Pharmaceuticaan 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

CAS#: 4463-44-9  
Chemical Name: Xylene cyanol FF  
%: 85+  
EINECS#: 224-728-5

Hazard Symbols: XI



Risk Phrases: 36/37/38

### Section 3 - Hazards Identification

#### EMERGENCY OVERVIEW

Warning! Causes eye, skin, and respiratory tract irritation. Target Organs: Respiratory system, eyes, skin.

#### Potential Health Effects

Eye: Causes eye irritation.  
Skin: Causes skin irritation. May be harmful if absorbed through the skin.  
Ingestion: May cause irritation of the digestive tract. May be harmful if swallowed.  
Inhalation: Causes respiratory tract irritation. May be harmful if inhaled.  
Chronic: No information found.

### 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. Immediately flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes.

Ingestion: Do not induce vomiting. Get medical aid.

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.

Notes to Physician:

#### Section 5 - Fire Fighting Measures

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

Extinguishing Media: Use water spray, dry chemical, carbon dioxide, or chemical foam.

Autoignition Temperature: Not available.

Flash Point: Not applicable.

Explosion Limits: N/A

Lower: N/A

Explosion Limits: N/A

Upper: N/A

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

#### Section 6 - Accidental Release Measures

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

Spills/Leaks: Vacuum or sweep up material and place into a suitable disposal container. Avoid generating dusty conditions. Provide ventilation. Do not let this chemical enter the environment.

#### Section 7 - Handling and Storage

Handling: Use with adequate ventilation. Minimize dust generation and accumulation. Do not get in eyes, on skin, or on clothing. Do not ingest or inhale.

Storage: Store in a cool, dry place. Store in a tightly closed container.

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

| Chemical Name    | ACGIH       | NIOSH       | OSHA - Final PELs |
|------------------|-------------|-------------|-------------------|
| Xylene cyanol FF | none listed | none listed | none listed       |

OSHA Vacated PELs: Xylene cyanol FF: None listed

#### 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

#### 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: Follow the OSHA respirator regulations found in 29 CFR 1910.134 or European Standard EN 149. Use a NIOSH/MSHA or European Standard EN 149 approved respirator if exposure limits are exceeded or if irritation or other symptoms are experienced.

#### Section 9 - Physical and Chemical Properties

Physical State: Crystalline powder

Color: dark red - dark blue

Odor: Not available

pH: Not available  
Vapor Pressure: Negligible.  
Vapor Density: Not available  
Evaporation Rate: Not available  
Viscosity: Not available  
Boiling Point: Not available  
Freezing/Melting Point: Not available  
Decomposition Temperature: Not available

Solubility in water: Soluble  
Specific Gravity/Density:  
Molecular Formula: C<sub>25</sub>H<sub>27</sub>N<sub>2</sub>NaO<sub>7</sub>S<sub>2</sub>  
Molecular Weight: 554.61

#### Section 10 - Stability and Reactivity

|                                        |                                                                     |
|----------------------------------------|---------------------------------------------------------------------|
| Chemical Stability:                    | Stable under normal temperatures and pressures.                     |
| Conditions to Avoid:                   | Incompatible materials, dust generation, excess heat.               |
| Incompatibilities with Other Materials | Strong oxidizing agents.                                            |
| Hazardous Decomposition Products       | Nitrogen oxides, carbon monoxide, oxides of sulfur, carbon dioxide. |
| Hazardous Polymerization               | Has not been reported.                                              |

#### Section 11 - Toxicological Information

|                  |                                                                                   |
|------------------|-----------------------------------------------------------------------------------|
| RTECS#:          | CAS# 4463-44-9: None listed                                                       |
| LD50/LC50:       | RTECS: Not available.                                                             |
| Carcinogenicity: | Xylene cyanol FF - Not listed as a carcinogen by ACGIH, IARC, NTP, or CA Prop 65. |
| Other:           | The toxicological properties have not been fully investigated.                    |

#### Section 12 - Ecological Information

|        |                           |
|--------|---------------------------|
| Other: | Do not empty into drains. |
|--------|---------------------------|

#### Section 13 - Disposal Considerations

Dispose of in a manner consistent with federal, state, and local regulations.

#### Section 14 - Transport Information

##### US DOT

Shipping Name: Not regulated  
Hazard Class:  
UN Number:  
Packing Group:  
Canada TDG  
Shipping Name: Not regulated as a hazardous material  
Hazard Class:  
UN Number:  
Packing Group:

#### Section 15 - Regulatory Information

##### 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 26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

S 37/39 Wear suitable gloves and eye/face protection.

WGK (Water Danger/Protection)

CAS# 4463-44-9: Not available

#### Canada

CAS# 4463-44-9 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# 4463-44-9 is not listed on Canada's Ingredient Disclosure List.

#### US Federal

##### TSCA

CAS# 4463-44-9 is not listed on the TSCA Inventory. It is for research and development use only.

#### Section 16 - Other Information

MSDS Creation Date: 2/02/1999

Revision #7 Date 7/20/2009

The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantability 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.

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