

Material Safety Data Sheet 4-Fluorophenyl sulfone, 99%

MSDS# 31014

	Section 1 - Chemical Product and	d Company Identification	
MSDS Name:	4-Fluorophenyl sulfone, 99%		
Catalog Numbers:	AC119620000, AC119620100, AC119620250		
Synonyms:	Benzene, 1,1'-sulfonylbis[4-fluoro-; Bis(p-fluorophenyl)sulphone		
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 Num	nber, US:	800-424-9300	
CHEMTREC Phone Num	iber, Europe:	703-527-3887	

Section 2 - Composition, Information on Ingredients

CAS#:	383-29-9		
Chemical Name:	Benzene, 1,1'-sulfonylbis4-fluoro-		
%:	99		
EINECS#:	206-847-4		

Hazard Symbols:None listedRisk Phrases:None listed

Section 3 - Hazards Identification

EMERGENCY OVERVIEW

Caution! The toxicological properties of this material have not been fully investigated. May cause eye and skin irritation. May cause respiratory and digestive tract irritation. Target Organs: No data found.

Potential Health Effects

Eye: May cause eye irritation.

Skin: May cause skin irritation. May be harmful if absorbed through the skin.

Ingestion: May cause irritation of the digestive tract. The toxicological properties of this substance have not been fully investigated. May be harmful if swallowed.

Inhalation: May cause respiratory tract irritation. The toxicological properties of this substance have not been fully investigated. May be harmful if inhaled.

Chronic: No information found.

Section 4 - First Aid Measures

Eyes: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.

Never give anything by mouth to an unconscious person. Get medical aid. Do NOT induce vomiting. If

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 As in any fire, wear a self-contained breathing apparatus in pressure-demand, 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. Autoignition Not applicable. Temperature: Not available Explosion Limits: Not available Upper: Not available Use proper personal protective equipment as indicated in Section 8. General Information: Clean up spills immediately, observing precautions in the Protective Equipment section. Avoid generating dusty conditions. Provide ventilation. Vacuum or sweep up material and place into a suitable, dry disposal container. Spills/Leaks: Section 7 - Handling and Storage Wash thoroughly after handling. Remove contaminated clothing and wash before reuse. Use with adequate Handling: ventilation. Minimize dust generation and accumulation. Avoid contact with eyes, skin, and clothing. Avoid ingestion and inhalation. Storage: Store in a tightly closed container. Store in a cool, dry, well-ventilated area away from incompatible substances. Section	Ingestion:	conscious and alert, rinse mouth and drink 2-4 cupfuls of milk or water.				
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OSHA Vacated PELs: Benzene, 1,1'-sulfonylbis4-fluoro-: 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: 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: Crystalline powder

Color: brown to white

	Odor: none reported
	pH: Not available
	Vapor Pressure: Not available
	Vapor Density: Not available
	Evaporation Rate: Not available
	Viscosity: Not available
	Boiling Point: Not available
F	reezing/Melting Point: 97 - 100 deg C
	position Temperature: Not available
	Solubility in water: Not available.
Spe	ecific Gravity/Density: Not available.
	Molecular Formula: C12H8F2O2S
	Molecular Weight: 254.25
	Section 10 - Stability and Reactivity
Chemical Stability:	Stable under normal temperatures and pressures.
Conditions to Avoid:	Incompatible materials.
Incompatibilities with Other Materials	Not available
Hazardous Decomposition Products	Carbon monoxide, oxides of sulfur, carbon dioxide, hydrogen fluoride gas.
Hazardous Polymerization	Has not been reported.
	Section 11 - Toxicological Information
RTECS#: CAS# 383-29-9: None	e listed
LD50/LC50: RTECS: Not available.	
Carcinogenicity: Benzene, 1,1'-sulfonylt	bis4-fluoro Not listed as a carcinogen by ACGIH, IARC, NTP, or CA Prop 65.
Other: The toxicological prope	erties have not been fully investigated.
	Section 12 - Ecological Information
Not available	
	Section 13 - Disposal Considerations
Dispose of in a manner consistent with f	ederal, 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 hazardo	ous material
Hazard Class: UN Number:	
Packing Group:	
	Socian 15 Doculatory Information
European/International Desculations	Section 15 - Regulatory Information
European/International Regulations	

European Labeling in Accordance with EC Directives

Hazard Symbols:Not available

Risk Phrases:

Safety Phrases:

WGK (Water Danger/Protection)

CAS# 383-29-9: Not available

Canada

CAS# 383-29-9 is listed on Canada's NDSL List Canadian WHMIS Classifications: Not available 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# 383-29-9 is not listed on Canada's Ingredient Disclosure List.

US Federal

TSCA

CAS# 383-29-9 is listed on the TSCA Inventory.

Section 16 - Other Information MSDS Creation Date: 9/02/1997 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 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.
