

SIGMA-ALDRICH					
MATERIAL SAFETY DATA SHEET					
		Date Printed: 01/13/2009 Date Updated: 02/05/2006 Version 1.3			
Section 1 - Product and Company Information					
Product Name		4-METHOXYPHENYLACETIC ACID, 99%			
Product Number		M19201			
Brand		ALDRICH			
Company Address		Sigma-Aldrich Canada, Ltd 2149 Winston Park Drive Oakville ON L6H 6J8 CA			
Technical Phone:		9058299500			
Fax:		9058299292			
Emergency Phone:		800-424-9300			
Section 2 - Composition/Information on Ingredient					
Substance Name		CAS #	SARA 313		
4-METHOXYPHENYLACETIC ACID		104-01-8	No		
Formula		C9H10O3			
Synonyms		2-(p-Anisyl)acetic acid * Benzeneacetic acid, 4-methoxy- (9CI) * Homoanistic acid * 4-Methoxybenzeneacetic acid * p-Methoxyphenylacetic acid * 4-Methoxyphenylacetic acid			
RTECS Number:		AI8960000			
Section 3 - Hazards Identification					
EMERGENCY OVERVIEW					
Harmful. Harmful if swallowed. Irritating to eyes, respiratory system and skin. Risk of serious damage to eyes.					
For additional information on toxicity, please refer to Section 11.					
Section 4 - First Aid Measures					
ORAL EXPOSURE					
If swallowed, wash out mouth with water provided person is conscious. Call a physician.					
INHALATION EXPOSURE					
If inhaled, remove to fresh air. If breathing becomes difficult, call a physician.					
DERMAL EXPOSURE					
In case of skin contact, flush with copious amounts of water for at least 15 minutes. Remove contaminated clothing and shoes. Call a physician.					
EYE EXPOSURE					
In case of contact with eyes, flush with copious amounts of					
water for at least 15 minutes. Assure adequate flushing by separating the eyelids with fingers. Call a physician.					
Section 5 - Fire Fighting Measures					
FLASH POINT					
N/A					
AUTOIGNITION TEMP					
N/A					
FLAMMABILITY					
N/A					
EXTINGUISHING MEDIA					
Suitable: Water spray. Carbon dioxide, dry chemical powder, or appropriate foam.					
FIREFIGHTING					
Protective Equipment: Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.					
Section 6 - Accidental Release Measures					
PROCEDURE(S) OF PERSONAL PRECAUTION(S)					
Wear respirator, chemical safety goggles, rubber boots, and heavy rubber gloves.					
METHODS FOR CLEANING UP					
Sweep up, place in a bag and hold for waste disposal. Avoid raising dust. Ventilate area and wash spill site after material pickup is complete.					
Section 7 - Handling and Storage					
HANDLING					
User Exposure: Do not breathe dust. Avoid contact with eyes, skin, and clothing.					
STORAGE					
Suitable: Keep tightly closed. Store in a cool dry place.					
Section 8 - Exposure Controls / PPE					
ENGINEERING CONTROLS					
Mechanical exhaust required. Safety shower and eye bath.					
PERSONAL PROTECTIVE EQUIPMENT					
Respiratory: Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU). Where risk assessment shows air-purifying respirators are appropriate use a dust mask type N95 (US) or type P1 (EN 143) respirator. Hand: Compatible chemical-resistant gloves. Eye: Chemical safety goggles.					
GENERAL HYGIENE MEASURES					
Wash thoroughly after handling.					
Section 9 - Physical/Chemical Properties					
Appearance		Color: Faintly yellow			
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		Form: Fine crystals			
Property	Value	At Temperature or Pressure			
Molecular Weight	166.18 AMU				
pH	N/A				
BP/BP Range	140 °C	3 mmHg			
MP/MP Range	84 °C				
Freezing Point	N/A				
Vapor Pressure	N/A				
Vapor Density	N/A				
Saturated Vapor Conc.	N/A				
SG/Density	N/A				
Bulk Density	N/A				
Odor Threshold	N/A				
Volatile%	N/A				
VOC Content	N/A				
Water Content	N/A				
Solvent Content	N/A				
Evaporation Rate	N/A				
Viscosity	N/A				
Surface Tension	N/A				
Partition Coefficient	N/A				
Decomposition Temp.	N/A				
Flash Point	N/A				
Explosion Limits	N/A				
Flammability	N/A				
Autoignition Temp	N/A				
Refractive Index	N/A				
Optical Rotation	N/A				
Miscellaneous Data	N/A				
Solubility	Solvent: Clear 0.1 g/ml MeOH				
N/A - not available					
Section 10 - Stability and Reactivity					
STABILITY					
Stable: Stable. Materials to Avoid: Strong oxidizing agents.					
HAZARDOUS DECOMPOSITION PRODUCTS					
Hazardous Decomposition Products: Carbon monoxide, Carbon dioxide.					
HAZARDOUS POLYMERIZATION					
Hazardous Polymerization: Will not occur					
Section 11 - Toxicological Information					
ROUTE OF EXPOSURE					
Skin Contact: Causes skin irritation. Skin Absorption: May be harmful if absorbed through the skin. Eye Contact: Causes severe eye irritation. Inhalation: May be harmful if inhaled. Material is irritating to mucous membranes and upper respiratory tract. Ingestion: Harmful if swallowed.					
SIGNS AND SYMPTOMS OF EXPOSURE					
To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.					
TOXICITY DATA					
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Oral Oral					
Rat Rat					
1550 mg/kg		1550 mg/kg			
LD50		LD50			
Intraperitoneal Intraperitoneal					
Mouse Mouse					
504 MG/KG		504 MG/KG			
LD50		LD50			
IRRITATION DATA					
Eyes Eyes					
Rabbit Rabbit					
100 mg		100 mg			
Remarks:		Severe irritation effect Severe irritation effect			
CHRONIC EXPOSURE - CARCINOGEN					
Species: Mouse Mouse					
Route of Application: Oral Oral					
Dose: 63 GM/KG 63 GM/KG					
Exposure Time: 78W 78W					
Frequency: I I					
Result: Tumorigenic:Neoplastic by RTECS criteria. Lungs, Thorax, or Respiration:Tumors. Lungs, Thorax, or Respiration:Tumors.					
Tumorigenic:Neoplastic by RTECS criteria.					
Section 12 - Ecological Information					
No data available.					
Section 13 - Disposal Considerations					
APPROPRIATE METHOD OF DISPOSAL OF SUBSTANCE OR PREPARATION					
Dissolve or mix the material with a combustible solvent and burn in a chemical incinerator equipped with an afterburner and scrubber. Observe all federal, state, and local environmental regulations.					
Section 14 - Transport Information					
DOT					
Proper Shipping Name: None Non-Hazardous for Transport: This substance is considered to be non-hazardous for transport.					
IATA					
Non-Hazardous for Air Transport: Non-hazardous for air transport.					
Section 15 - Regulatory Information					
EU ADDITIONAL CLASSIFICATION					
Symbol of Danger: Xn Indication of Danger: Harmful. R: 22-36/37/38 Risk Statements: Harmful if swallowed. Irritating to eyes, respiratory system and skin. S: 26-36 Safety Statements: In case of contact with eyes, rinse					
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		immediately with plenty of water and seek medical advice. Wear suitable protective clothing.			
US CLASSIFICATION AND LABEL TEXT					
Indication of Danger: Harmful. Risk Statements: Harmful if swallowed. Irritating to eyes, respiratory system and skin. Risk of serious damage to eyes. Safety Statements: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. Wear suitable protective clothing.					
UNITED STATES REGULATORY INFORMATION					
SARA LISTED: No TSCA INVENTORY ITEM: Yes Yes					
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: Yes NDSL: No					
Section 16 - Other Information					
DISCLAIMER					
For R&D use only. Not for drug, household or other uses.					
WARRANTY					
The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product. Sigma-Aldrich Inc., shall not be held liable for any damage resulting from handling or from contact with the above product. See reverse side of invoice or packing slip for additional terms and conditions of sale. Copyright 2009Sigma-Aldrich Co. License granted to make unlimited paper copies for internal use only.					
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