4-(1,2,3-Thiadiazol-4-yl)benzenesulfonyl chloride (cas 499771-00-5) MSDS

Catalog of Chemical Suppliers, Buyers, Custom Synthesis Companies And Equipment Manufacturers
[ 4-(1,2,3-Thiadiazol-4-yl)benzenesulfonyl chloride, 97% 499771-00-5 ]

**** SECTION 2 - COMPOSITION, INFORMATION ON INGREDIENTS ****

<table>
<thead>
<tr>
<th>CAS#</th>
<th>Chemical Name</th>
<th>%</th>
<th>EINECS#</th>
</tr>
</thead>
<tbody>
<tr>
<td>499771-00-5</td>
<td>4-(1,2,3-Thiadiazol-4-yl)benzenesulfon</td>
<td>97%</td>
<td>unlisted</td>
</tr>
</tbody>
</table>

Hazard Symbols: C
Risk Phrases: 22 34

**** SECTION 3 - HAZARDS IDENTIFICATION ****

EMERGENCY OVERVIEW
Harmful if swallowed. Causes burns. Moisture sensitive.

Potential Health Effects
Eye:
Causes eye burns.
Skin:
Causes skin burns.
Ingestion:
Causes gastrointestinal tract burns.
Inhalation:
Causes chemical burns to the respiratory tract.
Chronic:
Not available.

**** 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 immediately.
Skin:
Get medical aid immediately. 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 immediately.
Inhalation:
Get medical aid immediately. Remove from exposure and move to fresh air immediately. If not breathing, give artificial respiration. If breathing is difficult, give oxygen.
Notes to Physician:
Treat symptomatically and supportively.

**** 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 foam, dry chemical, or carbon dioxide.
**** 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.

**** SECTION 7 - HANDLING and STORAGE ****

Handling:
Do not breathe dust, vapor, mist, or gas. Do not get in eyes, on skin, or on clothing. Use only in a chemical fume hood.
Storage:
Store in a cool, dry place. Store in a tightly closed container. Corrosives area. Store under nitrogen.

**** 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
CAS# 499771-00-5:

Personal Protective Equipment

Eyes:
Not available.

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: Solid
Color: Not available.
Odor: Not available.
pH: Not available.
Vapor Pressure: Not available.
Viscosity: Not available.
Boiling Point: Not available.
Freezing/Melting Point: 178.6 deg C
Autoignition Temperature: Not available.
Flash Point: Not available.
Explosion Limits, lower: Not available.
Explosion Limits, upper: Not available.
Decomposition Temperature:
Solubility in water:
Specific Gravity/Density:
Molecular Formula: C8H5ClN2O2S2
Molecular Weight: 260.72

**** SECTION 10 - STABILITY AND REACTIVITY ****

Chemical Stability:
Not available.
Conditions to Avoid:
Incompatible materials, exposure to moist air or water.
Incompatibilities with Other Materials:
Strong oxidizing agents.
Hazardous Decomposition Products:
Hydrogen chloride, chlorine, nitrogen oxides, carbon monoxide, oxides of sulfur, carbon dioxide.
Hazardous Polymerization: Has not been reported

**** SECTION 11 - TOXICOLOGICAL INFORMATION ****

RTECS#: 
CAS# 499771-00-5 unlisted.
LD50/LC50:
Not available.
Carcinogenicity:
4-(1,2,3-Thiadiazol-4-yl)benzenesulfonyl chloride -
Not listed by ACGIH, IARC, or NTP.

**** SECTION 12 - ECOLOGICAL INFORMATION ****

**** SECTION 13 - DISPOSAL CONSIDERATIONS ****

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

**** SECTION 14 - TRANSPORT INFORMATION ****

IATA
Shipping Name: CORROSIVE SOLID, ACIDIC, ORGANIC, N.O.S.*
Hazard Class: 8
UN Number: 3261
Packing Group: III

IMO
Shipping Name: CORROSIVE SOLID, ACIDIC, ORGANIC, N.O.S.
Hazard Class: 8
UN Number: 3261
Packing Group: III

RID/AD Shipping Name: CORROSIVE SOLID, ACIDIC, ORGANIC, N.O.S.
Hazard Class: 8
UN Number: 3261
Packing group: III

**** SECTION 15 - REGULATORY INFORMATION ****

European/International Regulations
European Labeling in Accordance with EC Directives
Hazard Symbols: C
Risk Phrases:
R 22 Harmful if swallowed.
R 34 Causes burns.
Safety Phrases:
S 26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
S 36/37/39 Wear suitable protective clothing, gloves and eye/face protection.
S 45 In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).
WGK (Water Danger/Protection)
CAS# 499771-00-5: No information available.
Canada
None of the chemicals in this product are listed on the DSL/NDSL list.
CAS# 499771-00-5 is not listed on Canada's Ingredient Disclosure List.

US FEDERAL
TSCA
CAS# 499771-00-5 is not listed on the TSCA inventory.
It is for research and development use only.

**** SECTION 16 - ADDITIONAL INFORMATION ****

MSDS Creation Date: 6/10/2003 Revision #0 Date: Original.

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 way 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.