1,3-Benzodioxol-5-amine,N-ethyl- (cas 32953-14-3) MSDS

MSDS : N-Ethyl-3,4-(methylenedioxy)aniline, 99%
CAS : 32953-14-3
SYNONYMS : N-Ethyl-1,3-benzodioxol-5-amine

Catalog of Chemical Suppliers, Buyers, Custom Synthesis Companies And Equipment Manufacturers
[ N-Ethyl-3,4-(methylenedioxy)aniline, 99% 32953-14-3 ]

**** 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>32953-14-3</td>
<td>N-Ethyl-3,4-(methylenedioxy)aniline</td>
<td>99%</td>
<td>251-302-6</td>
</tr>
</tbody>
</table>

Hazard Symbols: XI
Risk Phrases: 36/37/38

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

EMERGENCY OVERVIEW
Irritating to eyes, respiratory system and 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:
Not available.

**** 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.

Ingestion:
Get medical aid. Wash mouth out with 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.

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 water spray, dry chemical, carbon dioxide, or chemical foam.
**** 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:
Avoid breathing dust, vapor, mist, or gas. Avoid contact with skin and eyes.
Storage:
Store in a cool, dry place. Store in a tightly closed container.

**** 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# 32953-14-3:

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: Not available.
Color: Not available.
Odor: Not available.
\( \text{pH} \): Not available.
Vapor Pressure: Not available.
Viscosity: Not available.
Boiling Point: 101 - 103 deg C \( \text{at 1} \text{mmHg} \)
Freezing/Melting Point: Not available.
Autoignition Temperature: Not available.
Flash Point: 110 deg C \( \text{(230.00 deg F)} \)
Explosion Limits, lower: Not available.
Explosion Limits, upper: Not available.
Decomposition Temperature:
Solubility in water: slightly soluble
Specific Gravity/Density:
Molecular Formula: \( C_9H_{11}NO_2 \)
Molecular Weight: 165.19

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

Chemical Stability:
Stable under normal temperatures and pressures.
Conditions to Avoid:
Incompatible materials, light, exposure to air.
Incompatibilities with Other Materials:
Acids, carbon dioxide, chlorinated hydrocarbons.
Hazardous Decomposition Products:
nitrogen oxides, carbon monoxide, carbon dioxide.
Hazardous Polymerization: Has not been reported.

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

RTECS#:
CAS# 32953-14-3 unlisted.
LD50/LC50:
Not available.
Carcinogenicity:
N-Ethyl-3,4-(methylenedioxy)aniline -
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: Not regulated.
Hazard Class:
UN Number:
Packing Group:
IMO
Shipping Name: Not regulated.
Hazard Class:
UN Number:
Packing Group:
RID/AD Shipping Name: Not regulated.
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# 32953-14-3: No information available.
Canada
CAS# 32953-14-3 is listed on Canada's NDSL List.
CAS# 32953-14-3 is not listed on Canada's Ingredient Disclosure List.
US FEDERAL
TSCA
CAS# 32953-14-3 is listed on the TSCA inventory.

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

MSDS Creation Date: 4/03/2003 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.