

SAFETY DATA SHEETS

This SDS packet was issued with item:


078014951

N/A



IN CASE OF EMERGENCY
Emergency Phone: (614) 276-4000

Material Safety Data Sheet

| | | |
|--|---|------------------|
| 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION | | |
| Common/Trade Name: Diazepam Oral Solution  | | |
| Chemical Name: 2H-1,4-Benzodiazepin-2-one, 7-chloro-1,3-dihydro-1-methyl-5-phenyl- | | |
| Synonyms: None | | |
| Molecular Formula: C ₁₆ H ₁₃ ClN ₂ O | | |
| Molecular Weight: 284.74 | | |
| CAS No: 439-14-5 | | |
| Chemical Family: Benzodiazepines, Central Nervous System Agents | | |
| Product Use: Management of anxiety disorders and short-term treatment of anxiety | | |
| Manufacturer's Name: Boehringer Ingelheim Roxane, Inc. | | |
| Address: 1809 Wilson Road Columbus, Ohio 43228 | | |
| 2. COMPOSITION / INFORMATION ON INGREDIENTS | | |
| Composition | CAS# | Exposure Limit |
| Diazepam (active ingredient) | 439-14-5 | None established |
| REFER to PHYSICIAN'S DESK REFERENCE for common components present as <1% | | |
| 3. HAZARDS IDENTIFICATION | | |
| Emergency Overview | Physical State: Liquid solution administered orally. Orange-colored, wintergreen-spice flavored solution with 5 mg/5 mL active ingredient. Odor: No data available WARNING! May be harmful if swallowed. Accidental ingestion of large amounts may be fatal. | |
| Primary Route(s) of Entry | Ingestion | |
| Potential Health Effects: | Inhalation: Not expected to be an inhalation hazard in final pharmaceutical form. Eye Contact: Not expected to be a hazard to the eye. Contact with eye may cause irritation, burning and redness. Skin Contact: Not expected to be a hazard to the skin. Can cause hypersensitive reactions resulting in rash, redness, itching and inflammation. Ingestion: May be harmful if ingested. Ingestion may cause drowsiness, fatigue and impaired coordination. | |
| Toxicity Data: | See Section 11 | |
| Effects of Overexposure: | The potential for exposure is reduced in finished pharmaceutical form. Overexposure by ingestion may cause drowsiness, confusion, impaired coordination, low blood pressure, coma and even death. | |
| Target Organs: | Brain, Central Nervous System | |
| 4. FIRST AID MEASURES | | |

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|---------------|--|
| Eye Exposure | Any material that contacts the eye should be washed out immediately with water. If easy to do, remove contact lenses if worn. Get medical attention if symptoms persist. |
| Skin Exposure | Wash with soap and water. Get medical attention if symptoms occur. |
| Ingestion | Call a physician or poison control center immediately. |
| Inhalation | Should not pose a hazard in the final form. If breathing is difficult, move to fresh air. Get medical attention immediately. |

5. FIRE AND EXPLOSION HAZARDS

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|----------------------------------|---|
| Flammability | Lower: N/A Upper: N/A |
| Flash Point | Not available |
| Extinguishing Media | Use water spray, carbon dioxide, dry chemical, foam or material appropriate for fire in surrounding area. |
| Special Fire Fighting Procedures | Wear full protective clothing and self-contained breathing apparatus. |
| Unusual Fire/Explosion Hazards | Not Applicable |
| Hazardous Combustion Products | Carbon dioxide, carbon monoxide, oxides of nitrogen, hydrogen chloride |

6. ACCIDENTAL RELEASE INFORMATION

STEPS TO BE TAKEN IF SIGNIFICANT QUANTITIES OF LIQUID IS SPILLED:

Use appropriate personal protective equipment (see Section 8). Wipe up and containerize spill material in a compatible container. Dispose according to applicable regulations. Incineration of the waste at an approved facility is recommended.

7. PRECAUTIONS FOR SAFE HANDLING AND USE

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| Precautions Handling Significant Quantities of Liquid: | Observe good industrial hygiene practices. |
| Storage | Store at 15° to 30°C (59° to 86°F). Keep container closed tightly. Protect from light and moisture. Store away from foodstuffs. Discard opened bottle after 90 days. |




8. CONTROL MEASURES AND PERSONAL PROTECTIVE EQUIPMENT

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|------------------------|---|
| Exposure Limits | None |
| Engineering Controls | Not required when handling liquid or containers. Good ventilation should be used. Ventilation should be matched to conditions. |
| Respiratory Protection | Not required when handling liquid or containers. NIOSH/MSHA approved respirators for protection should be used if respirators are found to be necessary. Ventilation should be matched to conditions. |
| Personal Protection | Not required when handling final product. If containers are compromised or exposure is likely wear: Goggles, Lab Coat, Gloves |
| Recommended Facilities | Eye wash, washing facilities |

9. PHYSICAL / CHEMICAL CHARACTERISTICS

| | | | | | |
|------------|-------------------------|----------------|---------------|---------------------|---------------|
| Appearance | Orange, liquid solution | Melting point | Not available | Solubility in water | Soluble |
| Odor | Not available | Boiling point | Not available | Specific Gravity | Not available |
| Taste | Wintergreen-spice | Vapor Pressure | Not available | Flashpoint | Not available |
| pH | Not available | Density | Not available | Flammability Limits | Not available |

10. STABILITY AND REACTIVITY DATA

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|--|---|
| Stability | Stable |
| Incompatibility | Strong bases, mineral acids, oxidizing agents |
| Hazardous Decomposition | Oxides of carbon, oxides of nitrogen, hydrogen chloride |
| Conditions to Avoid | Excessive heat and light |
| Hazardous Polymerization | Will not occur. |
| 11. TOXICOLOGICAL INFORMATION | |
| <p>Acute Toxicity:</p> <p>Active Ingredient: LD50 Oral (rat): 249 mg/kg LD50 Oral (rabbit): 328 mg/kg LD50 Dermal (mouse): 800 mg/kg</p> <p>Carcinogenicity: Not listed as a carcinogen by NTP, IARC Monographs or OSHA.</p> | |
| 12. ENVIRONMENTAL IMPACT INFORMATION | |
| No information is currently available on the environmental impact of this product. | |
| 13. DISPOSAL INFORMATION | |
| <p>Waste Disposal Considerations: Drug Enforcement Administration controlled substances must be destroyed following DEA Guidelines for witnessed destruction of the product beyond reclamation. Disposal by incineration is recommended.</p> <p>At home: Discard away from children's reach.</p> | |
| 14. TRANSPORTATION INFORMATION | |
| <p>This product is not subject to the regulations for the safe transport of hazardous chemicals.</p> <p>DOT: Not regulated TDG: Not regulated IATA: Not regulated IMDG: Not regulated</p> | |
| 15. REGULATORY INFORMATION | |
| <p>DEA: Diazepam  Oral Solution is a DEA Schedule IV controlled substance.</p> <p>FDA: Diazepam  Oral Solution is an approved prescription medication.</p> <p>Inventory Status: This material is not listed on the US TSCA Inventory. Therefore, it can only be used for TSCA exempt purposes such as R&D or drug use. This material is not listed on the DSL Inventory but is exempt.</p> | |
| 16. OTHER DATA | |
| <p>ABBREVIATIONS: N/A – not applicable</p> <p>Prepared by: Boehringer Ingelheim Roxane Inc.</p> <p>References:</p> <ol style="list-style-type: none"> 1. Diazepam  Oral Solution, Package Insert, Boehringer Ingelheim Roxane Inc., Columbus, Ohio 2. RTECS No. DF1575000 for 2H-1,4-Benzodiazepin-2-one, 7-chloro-1,3-dihydro-1-methyl-5-phenyl- 3. Ariel Websight. Regulatory and ChemExpert Database. 4. PDR – Physicians Desk Reference | |
| Date: 09/13/2008 - New MSDS | |

SEE CURRENT PACKAGE INSERT FOR FURTHER INFORMATION

The information provided is believed to be complete and accurate. If this product is combined with other materials, deteriorates or becomes contaminated, it may pose hazards not mentioned in this MSDS. It is the users' responsibility to use the information according to the application. Boehringer Ingelheim Roxane Inc. assumes no responsibility or liability resulting from the use of this information.