

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



Boehringer Ingelheim
Roxane Laboratories

Page 1 of 3

Material Safety Data Sheet

| 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION | | | |
|--|---|-------------|------------------|
| Common/Trade Name: Anagrelide Hydrochloride Capsules 0.5mg. and 1.0 mg | | | |
| Chemical Name: 6,7,-Dichloro-1,5-dihyramimidazo [2,1-b]quinazolin-2(3H)-one monohydrochloride | | | |
| Formula C ₁₀ H ₇ Cl ₂ N ₃ O HCl | | | |
| Synonyms: | | | |
| Manufacturer's Name: Roxane Laboratories Inc. | | | |
| Address: 1809 Wilson Road Columbus, Ohio 43228 | | | |
| 2. COMPOSITION / INFORMATION ON INGREDIENTS | | | |
| Composition | CAS# | Mg/Capsule | Exposure Limit |
| Anagrelide Hydrochloride | 58579-51-4 | 0.5 and 1.0 | None established |
| | | | None established |
| <i>REFER to PHYSICIAN'S DESK REFERENCE for common components present as <1% of solution</i> | | | |
| 3. HAZARDS IDENTIFICATION | | | |
| Primary Route(s) of Entry | Ingestion | | |
| Effects of Overexposure: | The potential for exposure is reduced in finished pharmaceutical form. The signs of overexposure are nausea, headache, oedema and palpitations. | | |
| 4. FIRST AID MEASURES | | | |
| Eye Exposure | Flush with running water for 15 minutes holding eyelids open. Obtain medical attention. | | |
| Skin Exposure | Wash contaminated area twice with soap and water. Obtain medical attention. | | |
| Ingestion | Vomiting may be induced if person is conscious. Obtain medical attention. | | |
| Inhalation | Remove to fresh air. Restore and/or support breathing as needed. Obtain Medical attention. | | |

| 5. FIRE AND EXPLOSION HAZARDS | | | | | |
|---|--|----------------|---------------|---------------------|---------------|
| flammability | Lower: N/A | | Upper: N/A | | |
| Flash Point | Not Applicable | | | | |
| Extinguishing Media | Use media suitable for fire in surrounding area | | | | |
| Special Fire Fighting Procedures | Wear full protective clothing and self-contained breathing apparatus | | | | |
| Unusual Fire/Explosion Hazards | Not Applicable | | | | |
| 6. ACCIDENTAL RELEASE INFORMATION | | | | | |
| Using appropriate protective equipment (see Section 8). Sweep/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 | | | | | |
| Precautions | Ensure good ventilation/exhaustion at the workplace with raw material. When engineering controls are not sufficient to control exposure, wear NIOSH approved respiratory protection. No precautions for handling finished product. | | | | |
| Storage | Store only in the original container. Store away from foodstuffs. Keep container tightly sealed. | | | | |
| 8. CONTROL MEASURES AND PERSONAL PROTECTIVE EQUIPMENT | | | | | |
| Engineering Controls | None needed for finished product. Use adequate ventilation when working with raw materials. | | | | |
| Personal Protection | Goggles, Lab coat, Gloves | | | | |
| 9. PHYSICAL / CHEMICAL CHARACTERISTICS | | | | | |
| Appearance | Capsules, white, and gray | Melting point | Not available | Solubility in water | Good (active) |
| Odor | none | Boiling point | Not available | Specific Gravity | Not available |
| Taste | Not available | Vapor Pressure | Not available | | |
| pH | Not available | Density | Not available | | |
| 10. STABILITY AND REACTIVITY DATA | | | | | |
| Stability | Stable | | | | |
| Incompatibility | None known | | | | |
| Hazardous Decomposition | Oxides of Carbon | | | | |
| Conditions to avoid | Excessive heat | | | | |
| 11. TOXICOLOGICAL INFORMATION | | | | | |
| Not available at this time. | | | | | |
| 12. ENVIRONMENTAL IMPACT INFORMATION | | | | | |
| No information is currently available on the environmental impact of this product. | | | | | |
| 13. DISPOSAL INFORMATION | | | | | |
| Dispose of material according to federal, state and local disposal regulations or company operating procedures. Disposal by incineration is recommended. | | | | | |

Anagrelide Hydrochloride Capsules 0.5mg. and 1 mg Capsules

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|---|---|
| 14. TRANSPORTATION INFORMATION | |
| Not regulated by the United States Department of Transportation (USDOT). Ship according to state and local regulations if applicable. | |
| 15. REGULATORY INFORMATION | |
| See Package Insert | |
| 16. OTHER DATA | |
| Note to Physician: | |
| Date: October 1 st 2002 Anagrelide Hydrochloride Capsule 0.5 mg. and 1.0 mg | Updated: April 19 th 2005 Anagrelide Hydrochloride Capsule 0.5 mg. and 1.0 mg |

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. Roxane Laboratories Inc. assumes no responsibility or liability resulting from the use of this information.