

| MANUFACTURERS ADDRESS:<br>BELL LABORATORIES, INC.<br>3699 KINSMAN BLVD., MADISON WI 53704 |  | PREPARED BY:<br>CEB  | TELEPHONE NO.:<br>(608) 244-0202 | EMERGENCY PHONE NO.:<br>Contact your local<br>Poison Control Center. |
|---|--|--|----------------------------------|--|
| PRODUCT NAME:<br>FINAL®   |  |  | CAS NO.:<br>56073-10-0           |  |
| CHEMICAL FAMILY:<br>Coumarin  |  | CHEMICAL NAME & SYNONYMS:<br>3-[3-(4'-Bromo-[1,1'-biphenyl]-4-yl)-1,2,3,4-tetrahydro-1-naphthalenyl]-4-hydroxy-2H-1-benzopyran-2-one |                                  |  |
| CHEMICAL FORMULA:<br>C <sup>23</sup> H <sup>23</sup> BrO <sup>3</sup>                     |  | TRADE NAME & SYMPTOMS:<br>Brodifacoum  |                                  |  |
| SECTION I. HAZARDOUS INGREDIENTS  |  |  |                                  |  |
| ACTIVE INGREDIENTS:<br>Brodifacoum  |  | %<br>0.005   | CURRENT TLV<br>N E               |  |
|   |  |  |                                  |  |
|   |  |  |                                  |  |
| SECTION II. PHYSICAL DATA OF ACTIVE INGREDIENT  |  |  |                                  |  |
| APPEARANCE/ODOR:<br>Off-white powder/Odorless   | MOLECULAR WEIGHT:<br>523.44  | MELT POINT:<br>228-232°C   | SPECIFIC GRAVITY:<br>N A         |  |
| VAPOR DENSITY (AR=1):<br>N A  | COLOR:<br>Off-white  | BULK DENSITY:<br>0.323 g/cc  | BOILING POINT:<br>N A            |  |
| VAPOR PRESSURE:<br>N A  | SOLUBILITY:<br>Insoluble in water. Soluble in acetone, chloroform & polyethylene glycol. | WATER REACTIVE:<br>Non-reactive  | EVAPORATION RATE:<br>N A         |  |
| SECTION III. FIRE & EXPLOSION DATA OF PRODUCT   |  |  |                                  |  |
| FLASH POINT °F (METHOD USED):<br>N A  | FLAMMABLE LIMIT:<br>N A  | AUTOIGNITION TEMP:<br>N A  |                                  |  |
| EXTINGUISHING MEDIA:<br>Extinguish with water, foam or inert gas.                         |  |  |                                  |  |
| SPECIAL FIREFIGHTING PROCEDURES:<br>None  |  |  |                                  |  |
| UNUSUAL FIRE OR EXPLOSION HAZARDS:<br>None  |  |  |                                  |  |
| SECTION IV. REACTIVITY HAZARD DATA OF ACTIVE INGREDIENT                                   |  |  |                                  |  |
| STABILITY:<br>Stable.   | CONDITIONS TO AVOID:<br>Material is stable from safety point of view.                    |  |                                  |  |
| POLYMERIZATION:<br>Will not occur.  | CONDITIONS TO AVOID:<br>None   |  |                                  |  |
| INCOMPATIBILITY (MATERIALS TO AVOID):<br>Strong Bases                                     | HAZARDOUS DECOMPOSITION PRODUCTS:<br>Carbon monoxide and carbon dioxide                  |  |                                  |  |
| SECTION V. TOXICITY DATA  |  |  |                                  |  |
| LD50, ORAL (INGESTION): (Tech)<br>0.26 mg/kg [Rat]<br>0.40 mg/kg [Mouse]                  | LD50, DERMAL (SKIN CONTACT): (0.005% AI)<br>N E  | INHALATION: LC50 (0.005% AI)<br>N E  |                                  |  |
| F I S H , L C 5 0 : ( T e c h )<br>N E  | SKIN AND EYE IRRITATION: (0.005% AI)<br>Non-irritating                                   | L D 5 0 O R A L : ( T e c h )<br>0.25-1.00 mg/kg [Dog]   |                                  |  |

| SECTION VI. HEALTH HAZARD DATA OF PRODUCT  |   |  |                         |
|--|---|--|-------------------------|
| PRIMARY ROUTE OF ENTRY:<br>X Ingestion -- Skin & eye contact<br>-- Inhalation -- Skin absorption   |   | MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:<br>None   | SIGNAL WORD:<br>CAUTION |
| HEALTH HAZARDS:<br>Anticoagulant rodenticide   |   | SIGNS & SYMPTOMS OF EXPOSURE:<br>Nausea, vomiting, loss of appetite, extreme thirst, lethargy, diarrhea, bleeding. |                         |
| EMERGENCY FIRST AID PROCEDURES:<br><b>Eyes:</b> Flush with plenty of water. <b>Skin:</b> Wash with soap & water. <b>Inhalation:</b> None.<br><b>Ingestion:</b> Administer Vitamin K <sub>1</sub> intramuscularly or orally as indicated in bishydroxycoumarin overdoses.<br>Repeat as necessary based on monitoring of prothrombin times.  |   |  |                         |
| SPECIAL PROTECTION INFORMATION:<br>None  |   |  |                         |
| SECTION VII. CONTROL & PROTECTIVE MEASURES OF PRODUCT  |   |  |                         |
| RESPIRATOR<br>None   |   |  |                         |
| EYE PROTECTION:<br>None  | GLOVES: (Recommended)<br>Rubber gloves  | VENTILATION:<br>None   |                         |
| OTHER PROTECTIVE MEASURES:<br>None   |   |  |                         |
| SECTION VIII. SPILL OR LEAK PROCEDURE OF PRODUCT   |   |  |                         |
| STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:<br>General clean-up.  |   |  |                         |
| WASTE DISPOSAL METHOD:<br>Wastes resulting from use may be disposed of on site or at an approved waste disposal facility.  |   |  |                         |
| SECTION IX. SPECIAL PRECAUTIONS & STORAGE DATA OF PRODUCT  |   |  |                         |
| STORAGE TEMPERATURE:<br>Room temperature   | AVERAGE SHELF LIFE:<br>Bait is stable for a minimum of 1 year when stored properly. |  |                         |
| SPECIAL SENSITIVITY (HEAT, LIGHT, MOISTURE):<br>Avoid exposure to light and humidity.  |   |  |                         |
| PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:<br>Store in a cool, dry place inaccessible to children, pets and wildlife. Avoid lakes, streams or ponds.   |   |  |                         |
| SECTION X. SHIPPING DATA OF PRODUCT  |   |  |                         |
| D.O.T SHIPPING NAME:<br>Final®   |   |  |                         |
| D.O.T HAZARD CLASSIFICATION:<br>Non-hazardous  |   |  |                         |
| D.O.T. LABELS REQUIRED:<br>None  | FREIGHT CLASSIFICATION:<br>Class 60   |  |                         |
| WARRANTY:<br>The information provided in this Material Safety Data Sheet has been obtained from sources believed to be reliable. Bell Labs provides no warranties, either expressed or implied, and assumes no responsibility for the accuracy or completeness of the data contained herein. This information is offered for your consideration and investigation. You should satisfy yourself that you have all current data relevant to your particular use. |   |  |                         |