**CONTRAX-P Rat & Mouse Bait / PIVAL PARAKAKES**

**MANUFACTURERS ADDRESS:**
MOTOMCO, LTD.
29 N. FORT HARRISON, CLEARWATER, FL 34615

**Prepared by:** VJK
**TELEPHONE NO.:** (608) 244-2904
**EMERGENCY PHONE NO.:** Contact your local Poison Control Center.

**PRODUCT NAME:** CONTRAX-P Rat & Mouse Bait / PIVAL PARAKAKES
**CAS NO.:** 83-26-1

**CHEMICAL FAMILY:** Indandione
**CHEMICAL NAME & SYNOMYMS:** 2-Pivalyl-1,3-Indandione

**CHEMICAL FORMULA:** C₄H₄O₃
**TRADE NAME & SYNOMYMS:** Pindone, Pival

**SECTION I. HAZARDOUS INGREDIENTS**

**ACTIVE INGREDIENTS:**
- Pindone

<table>
<thead>
<tr>
<th>%</th>
<th>CURRENT TLV</th>
</tr>
</thead>
<tbody>
<tr>
<td>.025</td>
<td>N.E. (dry solid)</td>
</tr>
</tbody>
</table>

**SECTION II. PHYSICAL DATA OF ACTIVE INGREDIENT**

<table>
<thead>
<tr>
<th>APPEARANCE &amp; ODOR:</th>
<th>MOLECULAR WEIGHT:</th>
<th>MELT POINT:</th>
<th>SPECIFIC GRAVITY:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Yellow crystalline powder, odorless</td>
<td>230.25</td>
<td>108-110°C</td>
<td>NA</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>VAPOR DENSITY (AR=1):</th>
<th>COLOR:</th>
<th>BULK DENSITY: (Finished Product):</th>
<th>BOILING POINT:</th>
</tr>
</thead>
<tbody>
<tr>
<td>NA</td>
<td>Yellow</td>
<td>42 lbs/ft³</td>
<td>NA</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>VAPOR PRESSURE:</th>
<th>SOLUBILITY:</th>
<th>WATER REACTIVE:</th>
<th>EVAPORATION RATE:</th>
</tr>
</thead>
<tbody>
<tr>
<td>NA</td>
<td>Insoluble in water</td>
<td>NA</td>
<td>NA</td>
</tr>
</tbody>
</table>

**SECTION III. FIRE & EXPLOSION DATA OF PRODUCT**

<table>
<thead>
<tr>
<th>FLASH POINT (F [METHOD USED]):</th>
<th>FLAMMABLE LIMIT:</th>
<th>AUTOIGNITION TEMP.:</th>
</tr>
</thead>
<tbody>
<tr>
<td>NA</td>
<td>NA</td>
<td>NA</td>
</tr>
</tbody>
</table>

**EXTINGUISHING MEDIA:** Extinguish with water, foam or inert gas.

**SPECIAL FIRE FIGHTING PROCEDURES:** None

**UNUSUAL FIRE OR EXPLOSION HAZARDS:** None

**SECTION IV. REACTIVITY HAZARD DATA OF ACTIVE INGREDIENT**

**STABILITY:** Stable

**CONDITIONS TO AVOID:** None

**POLYMERIZATION:** Will not occur

**CONDITIONS TO AVOID:** None

**INCOMPATABILITY (MATERIALS TO AVOID):** None

**HAZARDOUS DECOMPOSITION PRODUCTS:** None

**SECTION V. TOXICITY DATA**

<table>
<thead>
<tr>
<th>LD50, ORAL (INGESTION): (100% A.I.) [Rat] 10.3 mg/kg</th>
<th>LD50, DERMAL: NE</th>
<th>INHALATION: NE</th>
<th>OTHER: NE</th>
</tr>
</thead>
<tbody>
<tr>
<td>FISH, LC50 (LETHAL CONCENTRATION): (100% AI) [Rainbow trout] 0.21 ppm [Rue Gill Sunfish] 1.4 PPM</td>
<td>AVIAN: 8 DAY DIETARY LC50 (100% AI) [Bobwhite Quail] 1,500 ppm [Mallard Duck] 2,250 ppm</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
### SECTION VI. HEALTH HAZARD DATA OF PRODUCT

<table>
<thead>
<tr>
<th>PRIMARY ROUTE OF ENTRY:</th>
<th>MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:</th>
<th>SIGNAL WORD:</th>
</tr>
</thead>
<tbody>
<tr>
<td>☑ Ingestion</td>
<td>None</td>
<td>Caution</td>
</tr>
<tr>
<td>☐ Skin &amp; eye contact</td>
<td></td>
<td></td>
</tr>
<tr>
<td>☐ Inhalation</td>
<td></td>
<td></td>
</tr>
<tr>
<td>☐ Skin absorption</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**HEALTH HAZARDS:**

1 - Caution: May be irritating.

**SIGNS & SYMPTOMS OF EXPOSURE:**

May reduce the clotting ability of the blood.

**EMERGENCY FIRST AID PROCEDURES:**

- Eyes: Flush with plenty of water.
- Skin: Wash with soap & water.
- Inhalation: Non-hazardous.
- Ingestion: Administer Vitamin K₁ intramuscularly or orally as indicated on bishydroxycoumarin overdoses. Repeat as necessary based on monitoring of prothrombin times.

**SPECIAL PROTECTION INFORMATION:**

None

### SECTION VII. CONTROL & PROTECTIVE MEASURES OF PRODUCT

**RESPERATOR TYPE:**

None

**EYE PROTECTION:**

None

**GLOVES:**

Rubber gloves

**VENTILATION:**

None

**OTHER PROTECTIVE MEASURES:**

None

### SECTION VIII. SPILL OR LEAK PROCEDURE OF PRODUCT

**STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:**

General clean-up.

**WASTE DISPOSAL METHOD:**

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:**

Room temperature

**AVERAGE SHELF LIFE:**

Stable

**SPECIAL SENSITIVITY (HEAT, LIGHT, MOISTURE):**

None

**PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:**

None

### SECTION X. SHIPPING DATA OF PRODUCT

**D.O.T. SHIPPING NAME:**

Contras-P / Pival Parakakes

**TECHNICAL SHIPPING NAME:**

Rodenticide containing Pindone

**D.O.T. HAZARD CLASSIFICATION:**

Non-hazardous

**D.O.T. LABELS REQUIRED:**

None known

**FREIGHT CLASSIFICATION:**

Class 60

**WARRANTY:**

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