

Date November, 2000
Issued:
Supersedes: May, 2000

MATERIAL SAFETY DATA SHEET
ZOECON® PETCOR® FLEA SPRAY

Manufacturer: Wellmark International
Address: 1100 East Woodfield Road, Suite 500 Schaumburg, IL 60173
Emergency Phone: 1-800-248-7763
Transportation Emergency Phone: CHEMTREC: 1-800-248-7763

1. CHEMICAL PRODUCT INFORMATION

Product Name: Zoecon Petcor Flea Spray
Chemical Name/Synonym: (S)-Methoprene; isopropyl (2E,4E,7S)-11-methoxy-3,7,11-trimethyl-2,4-dodecadienoate, Pyrethrins; a mixture of pyrethrin I, pyrethrin II, jasmolin I, jasmolin II, cinerin I, and cinerin II, Piperonyl Butoxide; 5-[2-(2-butoxyethoxy)ethoxymethyl]-6-propyl-1,3-benzodioxole, N-octyl bicycloheptane dicarboximide; N-(2ethylhexyl)-5-norbonene-2,3-dicarboximide
Chemical Family: Terpenoid, Pyrethroid, Benzodioxole, Dicarboximide
Formula: C19 H34 O3, C21 H28 O3, C22 H28 O5, C21 H30 O3, C22 H30 O5, C20 H28 O3 and C21 H28 O5 respectively, C19 H30 O5, C17 H25 O2
EPA Registration No.: 2724-404
RF Number: 9606

2. COMPOSITION / INFORMATION ON INGREDIENTS

| <u>Component (chemical, common name)</u> | <u>CAS Number</u> | <u>Weight</u> | <u>Tolerance</u> |
|--|-------------------|---------------|------------------------------------|
| (S)-Methoprene: Isopropyl (2E,4E,7S)-11-methoxy-3,7,11, trimethyl-2,4-dodecadienoate | 65733-16-6 | 0.27 % | Not established |
| Pyrethrins | 8003-34-7 | 0.20% | 5 mg/m3 (OSHA & ACGIH) |
| Piperonyl butoxide | 51-03-6 | 0.37% | Not established |
| N-Octyl bicycloheptene dicarboximide | 113-48-4 | 0.62% | Not established |
| Inert Ingredients: (nonhazardous and/or trade secret) | | 98.54 | 980 mg/m3 (OSHA);983 mg/m3 (ACGIH) |

3. HAZARD INFORMATION

PRECAUTIONARY STATEMENT

Caution: Harmful if absorbed through skin. Avoid contact with skin, eyes, or clothing. May cause dermal sensitization.(Skin Allergy)

SIGNS AND SYMPTOMS OF OVEREXPOSURE

Those associated with allergies, hay fever, i.e., itchy, runny eyes, stuffy/runny nose, chest discomfort, possible hives. .

PRIMARY ROUTE OF ENTRY Dermal/Eye: Yes Oral: Yes Inhalation: Yes

ACUTE TOXICITY

Oral: LD50 (rat): >34,000 mg/kg (HDT) Based on (S)-Methoprene

Dermal: LD50 (rat): >2,100 mg/kg (HDT)

4HR LD50 (rat): >210 mg/1 air (Based on RS-Methoprene)

Inhalation: LC50 (rat) 5mg/l (Based on Pyrethrins)