

----- MATERIAL SAFETY DATA SHEET -----  
FLYSPRAY 44  
Fiebing

IDENTITY (As Used on Label and List): Flyspray 44

SECTION I

MANUFACTURER'S NAME: FIEBING COMPANY, INC.

516 S. 2ND ST.  
MILW., WI 53204

EMERGENCY TELEPHONE NUMBER: 800-424-9300

TELEPHONE NUMBER FOR INFORMATION: 414-271-5011

DATE PREPARED: September, 2003

SECTION II - HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

Hazardous Components

(Specific Chemical Identity; Common Name(s))	OSHA PEL	ACGIH TLV	% (optional)
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Pyrethrins	N.E.	N.E.	0.1
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(CAS # 8003-34-7)

Other Limits Recommended: N.A.

*Piperonyl Butoxide, Technical	N.E.	N.E.	1.0
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(CAS # 51-03-6)

Other Limits Recommended: N.A.

Butoxypolypropylene Glycol	N.E.	N.E.	15.0
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(CAS # 9003-13-8)

Other Limits Recommended: N.A.

Isoparaffinic Petroleum Solvent	N.E.	N.E.	80.4
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(CAS NO. 64742-47-8 Mixture)

Other Limits Recommended: N.A.

\*Equivalent to a mixture of (butylcarbityl) (6-propylpiperonyl) ether and related compounds.

HMIS RATING:

HEALTH: 1

FLAMMABILITY: 2

REACTIVITY: 0

PERSONAL PROTECTION: B

SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING POINT: N.D.

VAPOR PRESSURE (mm Hg.) Less than at 25 deg C - 2mm Hg

VAPOR DENSITY (AIR = 1): Greater than 5

SPECIFIC GRAVITY (H2O = 1) (20/20 deg C): 0.808

MELTING POINT: N/A

EVAPORATION RATE (Butyl Acetate = 1): Less than 0.1

SOLUBILITY IN WATER: Negligible

APPEARANCE AND ODOR: Liquid with a color measured at 3(G-H); slight characteristic odor.

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (Method Used): (TCC) 164 deg F

FLAMMABLE LIMITS:

LEL: 0.6

UEL: 7.0

EXTINGUISHING MEDIA: Foam, CO2 or dry chemical  
extinguisher, water fog.

SPECIAL FIRE FIGHTING PROCEDURES: Use self-contained  
breathing apparatus, cool fire-exposed areas and  
equipment.

UNUSUAL FIRE AND EXPLOSION HAZARDS: Do not use direct  
stream of water. Material may float or re-ignite.

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SECTION V - REACTIVITY DATA

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STABILITY: Stable

CONDITIONS TO AVOID: None known.

INCOMPATIBILITY (Materials to Avoid): Strong oxidizing  
agents.

HAZARDOUS DECOMPOSITION OR BYPRODUCTS: None

HAZARDOUS POLYMERIZATION: Will Not Occur

CONDITIONS TO AVOID: None known.

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SECTION VI - HEALTH HAZARD DATA

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ROUTE(S) OF ENTRY:

INHALATION? Yes

SKIN? Yes

INGESTION? Yes

HEALTH HAZARDS (Acute and Chronic): Harmful if swallowed.  
Remove or cover exposed foods before spraying. Do not  
apply to dairy animals.

EYE CONTACT: Slight irritation, clear at 24 hours.

SKIN CONTACT: Slight at 72 hours.

INHALATION LC50: Greater than 4.0mg/litre air.

ORAL LD50: Greater than 5000mg/kg.

CARCINOGENICITY:

NTP? No

IARC MONOGRAPHS? No

OSHA REGULATED? No

SIGNS AND SYMPTOMS OF EXPOSURE:

THRESHOLD LIMIT VALUE: Pyrethrum - 5 mg/m3

DERMAL LD50: 2000 mg/kg.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: None  
known.

EMERGENCY AND FIRST AID PROCEDURES:

SWALLOWED: Do not induce vomiting unless directed by a  
physician. Petroleum distillate may cause aspiration.  
Contact physician immediately.

EYES: Flush eyes with plenty of water. Contact physician  
if irritation persists.

INHALED: Remove victim to fresh air. Apply artificial  
respiration if indicated.

SKIN: Remove contaminated clothing, wash affected area  
with plenty of soap and water.

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SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE

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

Store upright at room temperature. Avoid exposure to extreme temperatures. In case of spill or leakage, soak up with absorbent material such as sand, sawdust, earth, fuller's earth, etc. Dispose of with chemical waste.

WASTE DISPOSAL METHOD: Do not contaminate water, food or feed by storage or disposal. Pesticide, spray mixture or rinse water that cannot be used according to label instructions must be disposed of by an approved waste disposal facility.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING: Do not use or store near heat or open flame. This product is toxic to fish. Do not apply to water. Do not apply where runoff is likely to occur. Do not contaminate water by cleaning of equipment or disposal of wastes. Apply only as specified on label.

OTHER PRECAUTIONS: To dispose of container triple rinse then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by approved state and local procedures.

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SECTION VIII - CONTROL MEASURES  
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RESPIRATORY PROTECTION (Specify Type): None

VENTILATION:

LOCAL EXHAUST: Preferred

MECHANICAL (General): Adequate

SPECIAL: None

OTHER: None

PROTECTIVE GLOVES: Rubber or impervious

EYE PROTECTION: Safety glasses or goggles

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: Eyewash station

WORK/HYGIENIC PRACTICES: Wash thoroughly after handling.

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N.D. = Not Determined

N.E. = Not Established

N/A = Not Applicable  
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