

Material Safety Data Sheet



SSI-50

Section 1. Chemical product and company identification

Trade name : SSI-50
Product use : Insecticide.
Supplier : Ecolab Inc.
370 N. Wabasha Street
St. Paul, MN 55102
1-800-325-1671
Code : 902172
Date of issue : **03-May-2006**
EPA Registration No. : 47000-73-1677

EMERGENCY HEALTH INFORMATION: 1-800-328-0026
Outside United States and Canada CALL 1-651-222-5352 (in USA)

Section 2. Composition, information on ingredients

<u>Name</u>	<u>CAS number</u>	<u>% by weight</u>
Hydrocarbon.	Proprietary	
5-norbornene-2,3-dicarboximide, n-(2-ethylhexyl)-difluoroethane	113-48-4	1 - 5
Piperonyl Butoxide	75-37-6	
pyrethrins and pyrethroids	51-03-6	1 - 5
	8003-34-7	<1

Section 3. Hazards identification

Physical state : Liquid. (Aerosol.)
Emergency overview : CAUTION!

EXTREMELY FLAMMABLE CONTENTS OF SELF-PRESSURIZED CONTAINER.
VAPOR MAY CAUSE FLASH FIRE.
CONTENTS UNDER PRESSURE.
Repeated or prolonged contact with irritants may cause dermatitis.
MAY CAUSE EYE IRRITATION.
HARMFUL IF SWALLOWED.
Can cause central nervous system depression.
Avoid contact with eyes. Keep away from heat, sparks and flame. Keep container closed.
Use only with adequate ventilation. Wash thoroughly after handling.

Potential acute health effects

Eyes : Slightly irritating to the eyes.
Skin : Slightly irritating to the skin.
Inhalation : Slightly irritating to the respiratory system. High vapor concentrations can cause headaches, dizziness, drowsiness and nausea and may lead to unconsciousness.
Ingestion : May be harmful if swallowed.
See toxicological information (section 11)

Section 4. First aid measures

Eye contact : In case of contact, immediately flush eyes with cool running water. Remove contact lenses and continue flushing with plenty of water for at least 15 minutes. Get medical attention if irritation occurs.
Skin contact : Flush contaminated skin with plenty of water. Wash clothing before reuse.
Inhalation : If inhaled, remove to fresh air.
Ingestion : Do not induce vomiting. Never give anything by mouth to an unconscious person. Get medical attention immediately.

Section 5. Fire fighting measures

- Flash point** : -50 °C (Closed cup)
- Flammable limits** : Lower: 3.9 %
Upper: 16.9 %
- Products of combustion** : These products are halogenated compounds, hydrogen fluoride.
- Fire-fighting media and instructions** : In case of fire, use water spray (fog), foam, dry chemical, or CO₂.

Containers may explode when heated. Ruptured cylinders may rocket. Extremely flammable liquid and vapor. Vapor may cause flash fire. Vapors may accumulate in low or confined areas or travel a considerable distance to a source of ignition and flash back. Runoff to sewer may create fire or explosion hazard.

- Special protective equipment for fire-fighters** : Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

Section 6. Accidental release measures

- Personal precautions** : Immediately contact emergency personnel. Eliminate all ignition sources. Keep unnecessary personnel away. Use suitable protective equipment. Do not touch or walk through spilled material.
- Environmental precautions** : Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.
- Methods for cleaning up** : If emergency personnel are unavailable, contain spilled material. For small spills, add absorbent (soil may be used in the absence of other suitable materials) and use a non-sparking or explosion-proof means to transfer material to a sealable, appropriate container for disposal. For large spills, dike spilled material or otherwise contain material to ensure runoff does not reach a waterway. Place spilled material in an appropriate container for disposal.

Section 7. Handling and storage

- Handling** : Keep container closed. Use only with adequate ventilation. Keep away from heat, sparks and flame. To avoid fire or explosion, dissipate static electricity during transfer by grounding and bonding containers and equipment before transferring material. Use explosion-proof electrical (ventilating, lighting and material handling) equipment. Liquid and vapor under pressure. Do not puncture or incinerate container. Wash thoroughly after handling.
- Storage** : Keep out of the reach of children. Store in a segregated and approved area. Keep container in a cool, well-ventilated area. Keep container tightly closed and sealed until ready for use. Avoid all possible sources of ignition (spark or flame).
Do not store above 50°C

Section 8. Exposure controls, personal protection

- Engineering controls** : Good general ventilation should be sufficient to control airborne levels.

Personal protection

- Eyes** : No protective equipment is needed under normal use conditions.
- Hands** : No protective equipment is needed under normal use conditions.
- Skin** : No protective equipment is needed under normal use conditions.
- Respiratory** : A respirator is not needed under normal and intended conditions of product use.

Name

Hydrocarbon.

Exposure limits

ACGIH TLV (United States).

TWA: 100 ppm

OSHA PEL (United States).

: 100 ppm

Section 9. Physical and chemical properties

Physical state	: Liquid. (Aerosol.)
Color	: Yellowish.
Odor	: Hydrocarbon.
pH	: Not applicable.
Specific gravity	: 0.86 (Water = 1)
Dispersibility	: Not dispersible in cold water, hot water.
properties	
Solubility	: Insoluble in cold water, hot water.

Section 10. Stability and reactivity

Stability	: The product is stable.
Reactivity	: Slightly reactive to reactive with acids, alkalis.
Hazardous decomposition products	: These products are halogenated compounds, hydrogen fluoride.

Section 11. Toxicological information

Potential acute health effects

Eyes	: Slightly irritating to the eyes.
Skin	: Slightly irritating to the skin.
Inhalation	: Slightly irritating to the respiratory system. High vapor concentrations can cause headaches, dizziness, drowsiness and nausea and may lead to unconsciousness.
Ingestion	: May be harmful if swallowed.

Potential chronic health effects

Section 12. Ecological information

Products of degradation	: These products are carbon oxides (CO, CO ₂) and water, nitrogen oxides (NO, NO ₂ etc.), halogenated compounds.
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Section 13. Disposal considerations

Waste disposal : Do not puncture or incinerate container.
Consult your local or regional authorities.

Section 14. Transport information

Regulatory information	UN number	Proper shipping name	Class	Packing group	Additional information
DOT Classification		Consumer commodity	ORM-D	-	-

APPLIES ONLY DURING ROAD TRANSPORT

Any variation of the shipping description based on the packaging is not addressed.

Section 15. Regulatory information

HCS Classification	: Flammable aerosol
U.S. Federal regulations	: SARA 302/304/311/312 extremely hazardous substances: No products were found. SARA 302/304 emergency planning and notification: No products were found.
TSCA 8(b) inventory	: All materials are listed or exempt.
California Prop. 65	: No products were found.
EPA Registration No.	: 47000-73-1677

Section 16. Other information

Hazardous Material Information System (U.S.A.)	:	Health	1
		Fire hazard	4
		Reactivity	0
		Personal protection	--

Date of issue : 03-May-2006.
Responsible name : Regulatory Affairs
Date of previous issue : No previous validation.

Notice to reader

The above information is believed to be correct with respect to the formula used to manufacture the product in the country of origin. As data, standards, and regulations change, and conditions of use and handling are beyond our control, NO WARRANTY, EXPRESS OR IMPLIED, IS MADE AS TO THE COMPLETENESS OR CONTINUING ACCURACY OF THIS INFORMATION.