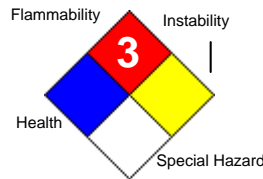


# MATERIAL SAFETY DATA SHEET

## STARBAR FLY RELIEF ATTRACTANT

Page: 1



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Supersedes Revision: 07/14/2009  
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### 1. Product and Company Identification

**Product Code:** W-FLY RELIEF  
**Product Name:** STARBAR FLY RELIEF ATTRACTANT  
**Reference #:** PCP NO. 27428  
**Manufacturer Information**  
**Company Name:** Distributed by:  
WELLMARK INTERNATIONAL  
1501 E. Woodfield Road, Suite 200-West  
Schaumburg, IL 60173  
**Emergency Contact:** CHEMTREC (800)424-9300  
**Information:** Wellmark International (800)950-4783

#### Additional Identity Information

Starbar Fly Relief : 13548, Starbar Giant Fly Relief: 13612

### 2. Composition/Information on Ingredients

Hazardous Components (Chemical Name)	CAS #	Concentration	OSHA PEL	ACGIH TWA	Other Limits
1. Ethyl Alcohol	64-17-5	35.0 -40.0 %	No data.	No data.	No data.
2. Isopropyl alcohol	67-63-0	1.0 -2.0 %	400 ppm	200 ppm	No data.
Hazardous Components (Chemical Name)	CAS #	OSHA STEL	OSHA CEIL	ACGIH STEL	ACGIH CEIL
1. Ethyl Alcohol	64-17-5	No data.	No data.	No data.	No data.
2. Isopropyl alcohol	67-63-0	No data.	No data.	400 ppm	No data.

### 3. Hazards Identification

#### Emergency Overview

KEEP OUT OF REACH OF CHILDREN

**Route(s) of Entry:** Inhalation? Yes Skin? Yes Eyes? Yes Ingestion? Yes

#### Potential Health Effects (Acute and Chronic)

None known

#### Recommended Exposure Limits

Rats: >5000 mg/kg

#### Signs and Symptoms Of Exposure

Eye irritation, mucous membrane and upper respiratory tract irritation. Breathing vapors may cause drowsiness.

#### Medical Conditions Generally Aggravated By Exposure

No data available.

### 4. First Aid Measures

#### Emergency and First Aid Procedures

IF SWALLOWED: Do NOT induce vomiting. Drink two glasses of water and contact physician or Poison Control Center. Never give fluids or induce vomiting if patient is unconscious or having convulsions.

IF INHALED: Remove to fresh air, administer artificial respiration if required. Obtain medical attention.

IF IN EYES: Flush eyes with water for 15 minutes; obtain medical attention.

IF ON SKIN: Wash with soap and water; obtain medical attention if irritation persists.

## 5. Fire Fighting Measures

<b>Flammability Classification:</b>	Flammable Liquid
<b>Flash Pt:</b>	66.00 F Method Used: Pensky-Marten Closed Cup
<b>Explosive Limits:</b>	LEL: 3% UEL: 19%
<b>Autoignition Pt:</b>	No data available.

### Fire Fighting Instructions

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH approved or equivalent and full protective gear.

### Flammable Properties and Hazards

Flames (from alcohol carrier) may be difficult to see because they are virtually colorless.

### Hazardous Combustion Products

None known

### Extinguishing Media

CO<sub>2</sub>, water, foam, or dry chemical

### Unsuitable Extinguishing Media

None known

## 6. Accidental Release Measures

### Steps To Be Taken In Case Material Is Released Or Spilled

Ventilate area and eliminate all ignition sources. Large spills: dike and remove into drums. Small spills: wipe or cover with absorbent and remove to container. Wash contaminated area with soap and water followed by an alcohol rinse, taking care to mop up all rinsate (do not spread). CAUTION: Alcohol is flammable.

## 7. Handling and Storage

### Precautions To Be Taken in Handling

Keep away from heat, sparks, and open flame. Avoid skin and eye contact. Avoid inhalation of vapors.

### Precautions To Be Taken in Storing

Store in a cool, dry location away from food or feed.

### Other Precautions

KEEP OUT OF REACH OF CHILDREN

## 8. Exposure Controls/Personal Protection

### Respiratory Equipment (Specify Type)

OSHA/MSHA approved respirator

### Eye Protection

Chemical goggles

### Protective Gloves

Latex, PVC, or neoprene

### Other Protective Clothing

Rubber boots, apron if exposure is likely

### Engineering Controls (Ventilation etc.)

Local exhaust is sufficient.

### Work/Hygienic/Maintenance Practices

Wash hands before eating, drinking, smoking, or using restroom.

MATERIAL SAFETY DATA SHEET  
STARBAR FLY RELIEF ATTRACTANT

Page: 3  
Printed: 06/27/2011  
Revision: 07/29/2009  
Supercedes Revision: 07/14/2009

## 9. Physical and Chemical Properties

**Physical States:** [ ] Gas [ X ] Liquid [ ] Solid  
**Melting Point:** NA  
**Boiling Point:** NA  
**Autoignition Pt:** No data.  
**Flash Pt:** 66.00 F Method Used: Pensky-Marten Closed Cup  
**Explosive Limits:** LEL: 3% UEL: 19%  
**Specific Gravity (Water = 1):** 0.95 at 25.0 C  
**Vapor Pressure (vs. Air or mm Hg):** NA  
**Vapor Density (vs. Air = 1):** NA  
**Evaporation Rate (vs Butyl Acetate=1):** > 1 N.A.  
**Solubility in Water:** > 96%  
**Solubility Notes**  
Miscible  
**Percent Volatile:** 38.0 % by volume.  
**pH:** 4.5

### Appearance and Odor

Translucent gel, white to yellow with characteristic fishy-alcohol odor.

## 10. Stability and Reactivity

**Stability:** Unstable [ ] Stable [ X ]

### Conditions To Avoid - Instability

Heat, sparks, flames, direct sunlight, and other ignition sources.

### Incompatibility - Materials To Avoid

Acids, acid chlorides, acid anhydrides, oxidizing agents.

### Hazardous Decomposition Or Byproducts

CO, CO<sub>2</sub>, N compounds, and ammonia.

**Hazardous Polymerization:** Will occur [ ] Will not occur [ X ]

### Conditions To Avoid - Hazardous Polymerization

No data available.

## 11. Toxicological Information

No data available.

### Chronic Toxicological Effects

No data available.

Hazardous Components (Chemical Name)	CAS #	NTP	IARC	ACGIH	OSHA
1. Ethyl Alcohol	64-17-5	n.a.	n.a.	A4	n.a.
2. Isopropyl alcohol	67-63-0	n.a.	n.a.	A4	n.a.

## 12. Ecological Information

No data available.

## 13. Disposal Considerations

### Waste Disposal Method

Dispose of in accordance with local, State, and Federal regulations.

**MATERIAL SAFETY DATA SHEET**  
**STARBAR FLY RELIEF ATTRACTANT**

Page: 4  
Printed: 06/27/2011  
Revision: 07/29/2009  
Supercedes Revision: 07/14/2009

**14. Transport Information**

**LAND TRANSPORT (US DOT)**

**DOT Proper Shipping Name** Flammable Liquid, n.o.s. (ethanol)  
**DOT Hazard Class:** 3  
**DOT Hazard Label:** FLAMMABLE LIQUID  
**UN/NA Number:** UN1993  
**Packing Group:** II

**Additional Transport Information**

Flammable liquid, n.o.s. (ethanol) for packages larger than 1.0 liters (1 Qt). ORM-D, Consumer Commodity for packages smaller than 1.0 liters (1 Qt).

**15. Regulatory Information**

No data available.

**16. Other Information**

**Company Policy or Disclaimer**

The information and data herein are believed to be accurate and have been compiled from sources believed to be reliable. It is offered for your consideration, investigation and verification.