

MATERIAL SAFETY DATA SHEET

BROWSE BAN

EPA Registration Number: 85493-1

SECTION I - IDENTIFICATION OF PRODUCT AND COMPANY

Manufacturer's Address:	Repellex USA, Inc. 1445 S 3 rd Street Niles, Michigan 49120
Update:	FEBRUARY 13, 2010
Formula:	Mixture: Not applicable
Emergency PH #:	1-352-323-3500 COLLECT (U.S. & Canada ONLY 1-800-535-5053)
NFPA Rating:	Health: 2 Flammability: 1 Reactivity: 1 Specific Hazard: Irritant
Botanical Family:	Dried fruit of Capsicum frutescens L., and/or Capsicum annuum L., conforming to all applicable provisions of the Federal Food, Drug and Cosmetic Act.

SECTION II - HAZARDOUS INGREDIENTS

Capsaicinoids 1.90 to 2.10% TLV (units): NA

SECTION III - PHYSICAL DATA

Boiling Point:	> 400 °Fahrenheit
Specific Gravity:	0.95 - 1.05 @ 25 °Celsius
Vapor Pressure:	< 10mm of Hg
% Volatile by Volume:	NIL
Vapor Density:	Not Established
Evaporation Rate:	Not Established
Solubility in Water:	Fully Dispersible.
Freezing Point:	NA
Appearance:	A reddish-brown viscous liquid, pourable at room Temperature.
Odor:	Pungent and spicy.

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

Flash Point:	> 300 °Fahrenheit (C.O.C.)
Flammable Limit:	Not Available
Extinguish Media:	Dry chemical, carbon dioxide.
Special Fire Fighting Procedure:	None known
Unusual Fire & Explosion Hazards:	Cool containers with water if exposed to fire.

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SECTION V - HEALTH HAZARD DATA

Threshold Limit:

Not Established

Effects of Overexposure:

Skin: Topical Irritation

Eyes: Could cause superficial keratitis and conjunctivitis.

Ingestion/Inhalation: Severe irritation to lungs or stomach possible.

Emergency & First Aid

Procedures:

Skin:

Wash with copious amounts of soap and water and/or alcohol.

Gastro-Intestinal Tract:

Lavage with large bore tube and saline solution followed by installation of antacids and antihistamine such as Benadryl. Cimetidine also may be used to help prevent bleeding caused by secondary hyperacidity.

DO NOT INDUCE VOMITING!

Eye:

Copious lavage with water (two minutes, wait one minute, and then another two minutes). Follow with topical antibiotic drop or combination antibiotic-steroid drop to the eye. NO patch.

Lungs:

If inhaled or aspirated into the throat, lungs, or bronchial tubes:

1. Oxygen should be administered.

2. Transport immediately to medical center where special pulmonary care is available.

These patients should be treated as an acute upper airway burn by appropriate specialists.

**** NOTE:** THE USE OF COLD WATER WILL RESULT IN LESS DISCOMFORT.

SECTION VI - REACTIVITY DATA

Unstable:

No

Stable:

Yes - Avoid temperatures (>170°F)

Incompatibility:

None known

(Materials to avoid):

Hazardous Decomposition Products: Pungent fumes may be emitted if heated above 170° F.

Hazardous Polymerization: Will Not Occur.

Conditions to Avoid: None in normal food processing except as above.

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SECTION VII - SPILL OR LEAK PROCEDURES

Steps to take if material is released or spilled: Clean up area as much as possible (squeegee). This product may be toxic to aquatic organisms. Do not apply to allow runoff to reach lakes, streams, and ponds. Do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark. Do not contaminate water when disposing of equipment wash water or rinsate.

Waste Disposal Method: Conventional methods consistent with Local, State, and Federal Regulations.

SECTION VIII - SPECIAL PROTECTION INFORMATION

Respiratory Protection:	Wear a NIOSH approved respirator with organic cartridge in areas with poor ventilation or high vapor concentrations.
Ventilation:	Mechanical (general)
Protective Gloves:	Solvent-resistant rubber
Eye Protection:	Goggles or splash shield.
Other Protective Equipment:	Solvent resistant rubber apron if convenient for operations.

SECTION IX - SPECIAL PRECAUTIONS

Precautions to be taken in handling & storage: Cool (< 75° F) dry warehousing. Store in tightly closed original container in a locked area away from children and domestic animals.

Other Precautions: Thoroughly clean up spills to avoid accidental contact.
Dispose of in accordance with all federal, state, and local environmental regulations.

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