

Material Safety Data Sheet

Common Name: **Repellex® Fruit & Vegetable Concentrate**

(Used on label and list)

Revision Date: 01/01/08

Section 1 – MANUFACTURER INFORMATION

Repellex USA, Inc,
PO Box 396
Niles, MI 49120

Phone: (877)REPEL-EX
FAX: (574)968-3691
URL: www.repellex.com

Section 2 – HAZARDOUS INGREDIENTS/IDENTITY

Hazardous Components (chemical/common name(s))	OSHA PEL	ACOH TLV	Other Exposure Limits	%	CAS NO.
Putrescent Egg Solids	N/A	N/A	N/A	-	-
Mint Oil	Not Est.	Not Est.	Not Est.	-	-
Cinnamon Oil	Not Est.	Not Est.	Not Est.	-	-
Rosemary Oil	Not Est.	Not Est.	Not Est.	-	-
Garlic Oil	Not Est.	Not Est.	Not Est.	-	-
Canola Oil (Salad Oil)	N/A	N/A	N/A	-	-
Lecithin	Not Est.	Not Est.	Not Est.	-	-
Potassium Sorbate	Not Est.	Not Est.	Oral/Dermal LD50 (Rat): >2000 mg/kg	2.5	24634-61-5
Sodium Chloride (Table Salt)	N/A	N/A	N/A	-	-

* No reportable quantities of hazardous ingredients are present per OSHA 29 CFR 1910.1200

* No toxic chemical(s) subject to the reporting requirements of section 313 of Title III and of 40 CFR 372 are present

Section 3 – PHYSICAL & CHEMICAL CHARACTERISTICS

Form	Liquid
Color	Pale Yellow
Odor	Strong Herbal Scent
pH	5.5-7.5
Vapor Pressure	Not Determined
Vapor Density	Estimated Lighter than Air
Evaporation Rate	Estimated Slower than Water
Solubility in Water	Appreciable
Reactivity in Water	None

Section 4 – FIRE & EXPLOSION DATA

Flash Point and Method Used	N/A
Auto-Ignition Temperature	N/A
Flammability Limits in Air & by Volume	N/A (LEL: N/A, UEL: N/A)
Extinguisher Media	Water, Foam, CO ₂ , Dry Chemical
Special Fire Fighting Procedures	N/A
Unusual Fire and Explosion Hazards	N/A

Section 5 – REACTIVITY HAZARD DATA

Stability	Stable
Incompatibility (Materials to Avoid)	AVOID STRONG OXIDIZING AGENTS
Hazardous Decomposition Products	None Known
Hazardous Polymerization	Will not occur
Conditions to Avoid	None Known

Section 6 – HEALTH HAZARD DATA

Primary Routes of Entry: Inhalation, Ingestion, Skin Absorption

Carcinogen Listed: None Listed

Health Hazards

ACUTE	May Cause Irritation to all of the above incidents
CHRONIC	Same

Emergency First Aid Procedures

Eye Contact	Flush with large amounts of water.
Skin Contact	Thoroughly wash with soap and water.
Inhalation	If symptoms are experienced, remove to fresh air
Ingestion	Drink large amounts of water. Do not induce vomiting

Section 7 – CONTROL & PROTECTIVE METHODS

Eye Protection	Do not spray into wind. Use splash goggles as required.
Skin Protection	Wash hands with soap and water after use. Chemical resistant gloves not required.
Respiratory Protection	Not required. If vapors are present and irritation occurs, use NIOSH approved respirator for organic vapors.
Ventilation to be Used	Localized exhaust as required.
Other Protective Clothing and Equipment	Optional
Hygiene Measures	Handle in accordance with good industrial hygiene and safety procedures.

Section 8 – PRECAUTIONS FOR SAFE HANDLING AND USE/LEAK PROCEDURES

Small Spills	Absorb with earth, sand, or other absorbent material and transfer to container for later disposal. Residues may be flushed with water and cleaned.
Large Spills	Dike ahead of liquid spill for later disposal. Prevent entry into waterways, sewers, and surrounding areas.
Waste Disposal Methods	Disposal of all waste in accordance with local, state, and federal laws
Handling Procedures	Wash thoroughly after handling
Storage	Store in closed containers away from excessive heat. Avoid freezing.

*Note: Surfaces may become slippery after spillage. Wash thoroughly and use caution.