

MATERIAL SAFETY DATA SHEET

SECTION I - NAME & DESCRIPTION

Material Name: 2F022.02

Date: 09/23/2009

Description: YUS INSECT REPELLENT

Trade Name & Synonyms: Yusef Insect Repellent

Chemical Family: Personal Care

SECTION II - INGREDIENTS

| Principal Components & CAS # ----- | Percent ----- | Threshold Limit Value (units) ----- |
|---|------------------|--|
| Ethyl Alcohol (CAS # 64-17-5) | 60% | Not Hazardous in Blend |
| Cymbopogon nardus (CAS # 8000-29-1) | <50% | Not Hazardous in Blend |
| Water (CAS #7732-18-5) | <40% | Not Hazardous |
| Eucalyptus Oil (CAS #8000-48-4) | <10% | Not Hazardous |
| Melaleuca Alternifolia (CAS # 68647-73-4) | <10% | Not Hazardous in Blend |

SECTION III – PHYSICAL DATA

Appearance & Odor: Light yellow liquid having an aromatic odor

Solubility in Water: 100%

Evaporation Rate: N/A

PH: 5.0-6.0

VOC, %: 62%

SECTION IV – FIRE & EXPLOSION HAZARD DATA

Flash Point: °F / C (PMCC method): 86 ° F (untested)

Auto Ignition Temperature: Unknown

Extinguishing Media: Water, CO₂, Earth or sand, Dry Chemical

Special Fire Fighting Procedures: Unknown

Unusual Fire & Explosion Hazards: Product is flammable due to alcohol content

NFPA: Health: 0 , Fire: 3 , Reactivity: 0

SECTION V – REACTIVITY DATA

Stability: Stable

MATERIAL SAFETY DATA SHEET

Conditions to Avoid: High Heat, Ignition Sources

Incompatibility (materials to avoid):

Hazardous polymerization: Will not occur

Hazardous Decomposition products: CO or CO₂

SECTION VI – HEALTH HAZARD ASSESSMENT

Potential Health Effects

Eye Contact: May Cause irritation

Skin Contact: No irritation or reaction expected

Inhalation: Not applicable.

Ingestion: May cause upset stomach, nausea (Abnormal entry route).

Carcinogenicity: Not listed as a carcinogen by NTP, IARC, OSHA or ACGIH

HMIS: Health = 1 , Flammability = 3 , Reactivity = 0 , Personal Protection = None

First Aid Measures

Eye Contact: Do not rub eyes. Flush eyes thoroughly with water for 15 minutes. If condition worsens or irritation persists, contact physician.

Skin Contact: If irritation occurs while using the product, discontinue use. Seek medical attention if condition worsens after discontinuation of product, or if irritation does not subside after three days.

Inhalation: Not applicable.

Ingestion: Do not induce vomiting. Contact a physician or Poison Control Center.

SECTION VII – ENVIRONMENTAL PROTECTION PROCEDURES

Spill Response: Avoid contact with ignition sources. This product is flammable. Absorb into inert material. Clean up with soap and water and rinse. CAUTION: May cause slippery surface.

Waste Disposal Method: Dispose in an appropriate manner consistent with local disposal rules.

SECTION VIII – SPECIAL PROTECTON INFORMATION

Respiratory protection (specify type): None required under normal conditions.

Skin protection: None required under normal conditions.

Eye protection: None required under normal conditions.

SECTION IX – TRANSPORT INFORMATION

Hazardous by transport regulations. When transported by Ground and Rail, this product is typically shipped as Consumer Commodity ORM-D. When transported by air, this product is typically shipped as

MATERIAL SAFETY DATA SHEET

Consumer Commodity or Alcohols N.O.S. depending on package size. When transported by ocean, this product is typically shipped as Limited Quantities. Refer to current regulations for exact requirements.

Note- The information contained herein is furnished without warranty of any kind. Employers should use this information only as a supplement to other information gathered by them and must independent determination of suitability and completeness of information from all sources to assure proper use of these materials and the safety and health of employees.