

**RAT-OFF**  
**Rat & Rodent Repellent**

**Material Safety Data Sheet (MSDS)**

NFGA Rating: Health: 1 Flammability: 1 Instability: 0  
HMIS Rating: Health: 1 Flammability: 1 Physical Hazard: 0

**1. PRODUCT AND COMPANY IDENTIFICATION**

Product Name: **RAT-OFF Rat & Rodent Repellent**  
Product Number: JCSHuskRAT2009  
UPC 9492227626  
Intended Use: **Rat & Rodent Repellent**  
**Not a toxicant/poison**  
Manufacturer: RAT-OFF Gel USA, LLC  
PO Box 3522  
Glendale, CA 91221-0522  
P. 818-484-0467  
F. 818.662.9474

**2. HAZARDS IDENTIFICATION**

Physical Form: Semi-solid  
Color: Clear  
Health: Does not pose a health risk  
Physical Hazards: None known  
Environmental: Does not pose any environmental risks

OSHA Hazardous Substance: Not classified as hazardous

Primary Route of Entry: Ingestion, skin, inhalation, eyes

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**3. COMPOSITION/INFORMATION ON INGREDIENTS**

**NON-HAZARDOUS COMPONENTS**

**Components**

<b>Garlic Oil &amp; White Pepper</b>	<b>Active Ingredient</b>
<b>White Mineral Oil Inert Ingredient</b>	<b>Silica (silicon dioxide) Inert Ingredient</b>

**4. FIRST AID MEASURES**

**Eyes:** Immediately flush the eyes with water for 15 minutes until Material is removed from eyes. Seek medical attention if Irritation persists.

**Skin:** If clothing is contaminated, remove and launder before Reuse. Wash off immediately with soap and plenty of Water. Get medical attention if irritation occurs.

**Inhalation:** Remove to fresh air. If breathing is labored, administer Oxygen.

**Ingestion:** Do not induce vomiting. Drink plenty of water. Seek medical attention if necessary.

**5. FIRE FIGHTING MEASURES**

**FLASH POINT:** >215° C (COC) >392 F

**Fire Fighting Measures:** Standard procedure for chemical fires.

**Suitable Extinguishing Media:** Carbon dioxide, dry chemical or foam

**Fire Fighting Equipment:** Wear self-contained breathing apparatus and protective Suit.

**Hazardous Combustion** Burning may produce toxic combustion products.

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**RAT-OFF****Rat & Rodent Repellent****6. ACCIDENTAL RELEASE MEASURES**

**Cleanup Instructions:** Absorb spill with inert material (dry sand or earth). Collect material and place in disposal receptacle with lid. Wash spill area with bio-degradable cleaner & water; recover water if necessary. Wear suitable personal protective equipment. Dispose material at certified disposal waste site.

**7. HANDLING AND STORAGE**

**Handling:** As with all industrial products, use good practices when handling. Avoid eye, skin and clothing contact. Do not inhale, taste, eat or swallow. Use with adequate ventilation.

**Storage:** Keep containers tightly closed and in dry conditions.

**8. EXPOSURE CONTROLS - PERSONAL PROTECTION**

<b>Exposure Limits:</b>	TLV = 5 mg/m <sup>3</sup> as oil mist
<b>Ventilation:</b>	Use in areas of adequate ventilation
<b>Gloves:</b>	Use nitrile or neoprene gloves
<b>Eye Protection:</b>	Safety glasses, goggles or face shield are recommended
<b>Respiratory:</b>	Self-contained breathing apparatus is recommended for confined space entry.
<b>Clothing:</b>	Long sleeve shirt and apron when potential for skin contact.

**PHYSICAL AND CHEMICAL PROPERTIES**

Appearance:	White	pH:	n/d
Boiling Point:	>300° C	Solubility:	Negligible
Evaporation Point:	less than ether	Specific Gravity:	0.875
Flammability:	Non-flammable	Vapor Density:	Heavier than air
Flash Point:	>215° C	Vapor Pressure:	<0.01 mm Hg @ 20 C
Odor:	Scent of Garlic	VOC%	Nil

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**10. STABILITY AND REACTIVITY**

**Stability:** Material is normally stable at ambient temperature and pressure.

**Conditions to avoid:** Oxidizing agents. Do not heat above the flash point.

**Polymerization:** Will not occur.

**Decomposition:** Carbon dioxide, carbon monoxide

**11. TOXICOLOGICAL INFORMATION**

**Oral Toxicity:** Swallowing material may cause irritation of the gastro-Intestinal lining, nausea, vomiting, diarrhea, and Abdominal pain.

**Eye Irritation:** May cause some eye irritation.

**Skin Irritation:** May cause some skin irritation.

**Carcinogenic:** This material has not been identified as a carcinogen by NTP, IARC, or OSHA.

**12. ECOLOGICAL INFORMATION**

This material is not expected to have adverse affects on marine and plant life.

**13. DISPOSAL CONSIDERATIONS**

**Disposal:** Consult federal, state and local regulations regarding disposal methods.

**14. TRANSPORTATION INFORMATION**

See 49 CFR part 171.8 to 178.510

DOT Shipping Name: Oil, n.o.s.

DOT Hazard Class: Not Regulated

UN/NA Number: N/A

Guide Number: N/A

IMDG Code: N/A

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**15. REGULATORY INFORMATION**

TSCA: All components are listed on US TSCA  
Inventory.  
SARA 311: Not listed  
SARA 312: Not listed  
SARA 313: Not listed  
Cal Prop 65: Not listed  
RCRA: Not listed  
CERCLA: Not listed

**16. OTHER INFORMATION**

This information has been compiled from sources considered to be dependable and is accurate to the best of RAT-OFF USA LLC knowledge. RAT-OFF USA, LLC assumes no responsibility for injury to recipient or third person or for any damage to any property and recipient assumes all such risks.

**17. EPA Registration**

EPA Product Registration Number: Exempt under EPA FIFRA Act 25B