


Repela[®] PARA/C

Material Safety Data Sheet

Date Prepared: May 1, 2009

Date Revised: November 15, 2010

1. Identification of the Substance and the Company	
Substance:	Repela C/PARA
CAS#:	
Chemical Name:	Proprietary Mixture
Chemical Formula:	
Supplier:	Aversion Technologies, Inc 12220 Maycheck Lane Bowie, Maryland 20715 USA
Telephone:	+1-202-657-6300
Emergency:	+1-202-365-9001
Web Address:	www.aversiontech.com
2. Composition Information on Ingredients	
Substances:	Repela
Content %:	50%
3. Hazard Identification	
HEALTH=1 FIRE=1 REACTIVITY=0	
EMERGENCY OVERVIEW	EXTREMELY BITTER and SPICY. Causes moderate to severe oral irritation. In confined area dust may cause headache.
POTENTIAL HEALTH EFFECTS	
- Inhalation	May cause irritation to upper respiratory tract.
- Ingestion	May cause mild irritation/redness.
- Eye Contact	May cause irritation/redness.
- Skin Contact	Likely to cause irritation, nausea, vomiting.
4. First Aid Measures	
- Inhalation	Remove from exposure immediately. Introduce to fresh air.
- Ingestion	If possible, spit out and rinse mouth. Do not induce vomiting. Seek immediate medical attention.
- Eye Contact	Do not rub eyes. Flush thoroughly with water. If irritation persists, consult doctor.
- Skin Contact	Remove contaminated clothing. Wash exposed areas immediately and thoroughly with mild soap and water.
5. Fire Fighting Measures	
Flash Point	> 150°C
Extinguishing Media	Extinguish with alcohol-resistant foam, carbon dioxide, dry powder or water fog. Do not use water jet as an extinguisher, as this will spread the fire.
Fire Fighting Procedures	Move container from fire area if it can be done without risk. Do not scatter spilled material with high-pressure water streams. Use extinguishing agents appropriate for surrounding fire. Avoid inhalation of material or combustion by-products. Stay upwind and keep out of low areas.
Fire & Explosion Hazard	When exposed to excessive heat and open flames, material will emit irritant fumes and/or smoke. No explosive hazards are expected.
6. Accidental Release Measures	
In Case of Spillage or Leakage	Collect spilled material with appropriate container for disposal. Keep unnecessary people away. Isolate hazard area and deny entry.
7. Handling and Storage	
Precautions	Avoid prolonged breathing of dust. Avoid prolonged/repeated dermal exposure. Use in areas with adequate ventilation. Keep from excessive heat, sources of fire or sparks.
Storage	Store in cool, dry place. Keep away from extremely hot areas and keep containers sealed. Do not leave in open or semi-open condition.

8. Exposure Controls and Personal Protection	
Ventilation	Maintain adequate flow of fresh air to minimize exposure levels.
Respiration	If adequate ventilation is not possible, use dust mask or approved respiratory protection equipment.
Eye	Approved goggles to used at all times.
Skin	Use appropriate clothing/impermeable gloves, etc to prevent exposure.
9. Physical and chemical properties	
Physical State	Solid waxy prills
Color	Orange to orange-brown
Odor	Mild
Melting Point	40-80°C
Specific Gravity	0.82-0.96
Processing Temperature	120-180°C
Chemical Family:	Fatty acids, esters, organic compounds
Substances:	Wax, quaternary ammonium salts and hydroxides, carboxylic acids
10. Stability and reactivity	
Reactivity	Stable at normal temperatures and pressures.
Conditions to Avoid	Avoid heat, flames, sparks and other sources of ignition.
Incompatibilities	Strong oxidizing agents.
Hazardous Decomposition	Thermal decomposition products: oxides of carbon.
Polymerization	Will not polymerize
11. Toxicology information	
Oral LD50	> 500 mg/kg
Dermal	> 2000 mg/kg
Inhalation	> 1500 mg/kg
12. Ecological Information	
Do not discharge into drains or the environment. Dispose to authorized chemical waste collection point.	
13. Disposal Considerations	
Incinerate in authorized facility or dispose of in accordance with local regulations.	
14. Transport information	
General:	Not hazardous for transport
TSCA 8(b) inventory:	No
UN No:	N/A
Tariff No :	2924.2995
IATA/ICAO:	This material is not classified as dangerous
Classification	Not Hazardous for Transport.
15. Regulatory Information	
Label for Supply :	<div style="display: flex; align-items: center; justify-content: center;"> <div style="margin-right: 10px;">Xn</div>  </div>
Risk Phrases:	R20 Harmful by inhalation R22 Harmful if swallowed
Safety Phrases:	S2 Keep out of reach of children S13 Keep away from food and drink S36 Wear suitable protective clothing S37 Wear suitable gloves S46 If swallowed seek medical advice immediately
16. Other Information	
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