


Repela™ EBA

Safety Data Sheet

Section 1 – Identification	
Product Identifier: Manufacturer:	Repela® EBA for Rodents, Repela® EBA for Insects, Repela® EBA Combi, Aversion Technologies, Inc. 1125 West Street, Suite 328 Annapolis, Maryland 21401 USA +1-202-657-6300
Emergency telephone number:	+1-202-365-9001
Product form:	Pellets
Intended use:	Masterbatch additives
Restriction on use:	None
Section 2 – Hazard(s) Identification	
2.1 Hazard Classification:	Respiratory tract irritation, category 3 Acute oral toxicity, category 5 Eye irritation, category 2B Acute dermal toxicity, category 3
2.2 Signal Word:	Warning 
2.3 Hazard Statement(s):	May cause slight irritation to the respiratory system if dust or smoke is inhaled. May cause mild irritation/redness if ingested May cause eye irritation/redness Likely to cause irritation, nausea, vomiting if in contact with the skin
Section 3 – Composition/information on ingredients	
3.1 Common name:	Repela
3.2 Composition:	75-97% Ethylene Butyl Acrylate Copolymer CAS# 141-32-2 Eye irritation, category 2B Acute Tox. (oral), category 5 4-9.5% Denatonium Saccharide CAS # 90823-38-4 Specific target organ toxicity, SE, category 3 Skin corrosion / irritation, category 3 Eye damage / eye irritation, category 2 Acute toxicity (oral), category 4 0.25-1.0% Oleoresin Capsicum CAS# 8023-77-6 Eye effects, Category 1 Skin Corrosion / Irritation, Category 3 Acute Oral Toxicity, Category 5
Section 4 – First aid measures	
Inhalation:	Remove from exposure. Introduce to fresh air.
Ingestion:	If possible, spit out and rinse mouth. Do not induce vomiting
Eye contact:	Do not rub eyes. Flush thoroughly with water. If irritation persists, consult doctor.
Skin contact:	Wash exposed areas with mild soap and water.
Section 5 – Fire fighting measures	
Suitable extinguishing media:	Dry chemical, CO2, water spray, regular foam.
Unsuitable extinguishing media:	In case of major fire and large quantities use regular extinguishing agent, fine water spray. Move containers from fire area if you can do so without risk.
Special Fire Fighting Procedures:	Avoid inhalation of the substance or combustion products. Stay upwind. Keep out of low areas.
Specific hazards arising from the chemical:	Thermal decomposition products: CO, CO2, aldehyde, organic acid, and alcohol. Fires and an explosion: some may burn but none ignite readily.
Tank/trailer/train truck fires:	Do not get water inside containers. Cool containers with flooding quantities of water until well after fire is out. Withdraw immediately in case of rising sound from venting safety devices or discoloration of tank. ALWAYS stay away from tanks engulfed in flames.
Section 6 – Accidental release measures	
Personal precautions, protective equipment and emergency procedures:	Use eye protection and gloves when handling pellets.
Environmental precautions and protective procedures:	No special precautions are necessary.
Waste disposal:	Reclaim or dispose of in accordance with local, state, and federal regulations.
Section 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.
Section 8 – Exposure controls/personal protection	
Occupational Exposure Limits:	ACGIH: Total dust TWA = 15 mg/m ³ (8-hr day), TWA = 5 mg/m ³ (8-hr day, respirable fraction) OSHA: Total dust TWA = 10 mg/m ³ (8-hr day, inhalable fraction), TWA = 3 mg/m ³ (8-hr day, respirable fraction) NIOSH: Not available Biological exposure index: Not available EU Regulation: Not available
Appropriate engineering controls:	Provide local exhaust ventilation system or other engineering controls to keep the airborne concentrations of vapors below their respective threshold limit value. Check legal suitability of exposure level.
Respiratory Protection:	Respiratory protection: Wear NIOSH or European Standard EN 149 approved full or half face piece (with goggles) respiratory protective equipment.
Protective Gloves:	Wear appropriate chemical-resistant gloves that protect chemicals directly
Eye Protection:	An eye wash unit and safety shower station should be available nearby work place. Wear face piece with goggles to protect from scattering toxic substance.
Skin and Body Protection:	Wear appropriate protective chemical-resistant clothing.
Section 9 – Physical and chemical properties	
Physical State:	Solid pellets
Color:	Off-White to Orange
Odor:	Mild
Melting Point:	85-90°C
Specific Gravity:	0.8-0.9
Processing Temperature:	120-180°C
Chemical Family:	Polymers of vinyl acetate
Substances:	Ethylene-vinyl acetate copolymers with a 5% mixture of proprietary actives
Section 10 – Stability and reactivity	
Stability:	Stable under normal temperatures and pressures.
Incompatibility (Materials to Avoid):	Strong oxidizing agents such as nitrates, chlorates, peroxides.
Conditions to Avoid:	Avoid heat, sparks, flames and other sources of ignition. Avoid contact with prohibited mixture materials. Avoid release to the environment.
Possibility of hazardous reactions:	No dangerous reaction known under conditions of normal use.
Hazardous decomposition products:	May cause methane, propane, carbon oxide, aldehyde and other organic vapors when thermal decomposition occurs.
Section 11 – Toxicological information	
Acute oral toxicity LD50 rat:	Non toxic
Dermal LD50 rabbit:	Minor skin irritation
Acute inhalation toxicity:	No data available
Skin irritation:	Minor skin irritation
Eye irritation (rabbit):	Irritating to the eye
Sensitization (guinea pig):	No data available
Genotoxicity and Reproductive Effects:	No data available
Ames test:	
Specific target organ toxicity - single exposure:	No data available
Specific target organ toxicity - repeated exposure:	No data available.
Aspiration hazard:	No data available.
Additional information:	
Further data:	No information available Handle using good occupational and environmental health practices.
Section 12 – Ecological Information	
Biodegradation	Difficult to biodegrade
Recycle	Can be recycled with appropriate technologies.
Section 13 – Disposal Considerations	
Disposal	Incinerate in authorized facility or dispose of in accordance with local regulations
Section 14 – Transport information	
General:	Not hazardous for transport
TSCA 8(b) inventory:	Yes
UN No:	N/A
Tariff No :	3901.3020
IATA/ICAO:	This material is not classified as dangerous
Classification:	Not Hazardous for transport
Section 15 – Regulatory Information	
Label for Supply:	
Risk Phrases:	Warning 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

Section 16 – Other Information

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