

MATERIAL SAFETY DATA SHEET

I. PRODUCT AND COMPANY IDENTIFICATION

Product Name or Number : Garden Defense Owl - #8001,8011, 8021 & 8022
Manufacturer's Name : Easy Gardener Products Inc.
Emergency Telephone No. : 254-753-5353 / Fax : 254-753-7352
Address : 3022 Franklin Ave, Waco, TX 76710
Hazardous Materials Description(49 CFR 172.101) : None

Chemical Family : Ethylene Homopolymer
Formula : Polymer of C2H4

II. INGREDIENTS

COMPOSITION	CAS No.	Cont'(%)	TOXICITY DATA
Polyethylene	9002-88-4	approx' 100	Acute Oral LD50 Not Available Acute Dermal LD50 Acute Inhalation LD50 Based on data available to KPIC, the components in this product are not hazardous under OSHA Hazard Communication (29 CFR 1910, 1200)
CARCINOGENICITY	NTP	IARC	OSHA REGULATED
	Not Listed	Not Listed	No

III. HEALTH INFORMATION

PRIMARY ROUTE OF ENTRY

INHALATION

The health effects below are based upon component health effects consistent with requirements under OSHA Hazard Communication (29 CFR 1910, 1200)

Eye Contact : product fines can cause mechanical irritation.

Skin Contact : product is unlikely to cause irritation.

Inhalation : product fines may cause mechanical irritation.

Ingestion : product is practically non-toxic.

Signs and Symptoms : irritation as noted above.

Aggravated Medical Conditions : preexisting eye and respiratory disorders may be aggravated by exposure to product fines.

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IV. OCCUPATIONAL EXPOSURE LIMITS

No OSHA/PEL or ACGIH/TLV has been established.

V. EMERGENCY AND FIRST AID PROCEDURES

Eye Contact : flush eyes with water if irritation occurs.

Skin Contact : if contact with molten product occurs. treat as for thermal burn.

Inhalation : not ordinarily required.

Ingestion : not ordinarily required.

NFPA RATINGS(SCALE 0-4) :

Health = 1 Fire = 1 Reactivity = 0

VI. SUPPLEMENTAL INFORMATION

None identified

VII. PHYSICAL DATA

Boiling point ()	N.A	Melting point ()	132~136	Vapor pressure (mmHg)	N.A
Specific gravity	0.956... 0.959	% Volatile by volume	N.A	Vapor dencity	N.A
Solubility in water	insoluble	Evaluation rate (Butylacetate1)	N.A	N.A = Not Applicable	
APPEARANCE AND ODOR Solid essentially colorless and odorless pellet.					

VIII. FIRE AND EXPLOSION HAZARDS

FLASH POINT AND METHOD USED N.A	FLAMMABLE LIMITS % VOLUME IN AIR LOWER UPPER N.A
EXTINGUISHING MEDIA Use water fog, foam, dry chemical or CO2	
SPECIAL FIRE FIGHTING PROCEDURES AND PRECAUTIONS Material will not burn unless preheated. Do not enter confined fire space without full bunker gear (helmet with face shield, bunker coats, gloves and rubber boots), including positive pressure NIOSH approved self-contained breathing apparatus. Cool fire exposed containers with water.	
UNUSUAL FIRE AND EXPLOSION HAZARDS Treat as a solid that can burn. Molded parts generally burn slowly with a low smoke density and flaming drips. Under certain conditions can burn with a high smoke density.	

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IX. REACTIVITY

STABILITY UNSTABLE x X STABLE	HAZARDOUS POLYMERIZATION MAY OCCUR X WILL NOT OCCUR
CONDITIONS AND MATERIAL TO AVOID Strong oxidizing agents	
HAZARDOUS DECOMPOSITION PRODUCTS At processing temperature, some degree of thermal degradation will occur ; although highly dependent on temperature and environmental conditions, a variety of decomposition products may be present ranging from simple hydrocarbons(such as methane and propane) to toxic/irritating gases (carbon monoxide and dioxide, acrolein, acids, ketones, aldehydes) ; see SPECIAL PRECAUTIONS	

X. EMPLOYEE PROTECTION

RESPIRATORY PROTECTION Not ordinarily required.
PROTECTIVE CLOTHING Not ordinarily required.
ADDITIONAL PROTECTIVE MEASURES Adequate ventilation and/or engineering controls are required when product is heated in processing.

XI. ENVIRONMENTAL PROTECTION

SPILL OR LEAK PROCEDURES Shovel and sweep up or use industrial vacuum cleaner : avoid generating dust clouds : put into containers for reclaiming or disposal.
WASTE DISPOSAL Place in an appropriate disposal facility in compliance with local regulations.
ENVIRONMENTAL HAZARDS N.A

XII. SPECIAL PRECAUTIONS

Treat as a solid that can burn. Store away from oxidizing materials, in a cool. Dry place with adequate ventilation : bond and ground transpire equipment.
Avoid vapors from heated products. Adequate ventilation and/or engineering controls must be employed in high temperature processing to prevent exposure to potentially toxic/irritating fumes.

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XIII. TRANSPORTATION REQUIREMENTS

DEPARTMENT OF TRANSPORTATION CLASSIFICATION	FLAMMABLE LIQUID FLAMMABLE SOLID FLAMMABLE GAS COMBUSTIBLE LIQUID	POISON, CLASS A POISON, CLASS B OXIDIZING MATERIAL CORROSIVE MATERIAL	IRRITATING MATERIAL NON FLAMMABLE GAS X NOT HAZARDOUS BY D.O.T REGULATIONS OTHER SPECIFY BELOW
D.O.T. PROPER SHIPPING NAME N.A			
OTHER REQUIREMENTS N.A			

XIV. OTHER REGULATORY CONTROLS

EPA, FDA, OSHA, USDA, CPSC, etc. N.A

The information contained herein is based on data considered accurate. However, no warranty is expressed or implied regarding the accuracy of these data or the results to be obtained from the use thereof.