

**MATERIAL SAFETY DATA SHEET****1. Identification of the substance and of the company****SUBSTANCE:****Solitude™IGR** (EPA Reg. No. 1007-93)**COMPANY:**Pfizer Animal Health  
812 Springdale Drive  
Exton, PA 19341  
1-800-366-5288 (Product Support)**2. Composition/information on ingredients**

<u>Component</u>	<u>CAS Registry number</u>	<u>Percentage</u>
Cyromazine	66215-27-8	2.12%
Other ingredients		97.88%

**3. Hazards identification**Notes to Physician:

There is no specific antidote if Solitude™ IGR is ingested. If a large amount has been ingested and emesis is inadequate, lavage stomach. The active ingredient of this product has a high affinity for activated charcoal. Five g/kg of activated charcoal suspension (50g/400 ml water) can be given to absorb remaining toxicant.

Based on the acute oral LD50 in rats, ingestion of one-half (1/2) pound or more of Solitude™ IGR pellets may be fatal to an adult human.

Symptoms of Acute Exposure:

Minimal eye irritation may occur.

Hazardous Decomposition Products:

None known.

Physical Properties:

Appearance: Brown to dark green pellets

Odor: None

Unusual Fire, Explosion or Reactivity Hazards:

None

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4. First aid measures
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If poisoning is suspected, immediately contact a physician, the nearest hospital, or the nearest Poison Control Center. Tell the person contacted the complete product name and the type and amount of exposure. Describe any symptoms and follow the advice given.

Ingestion

If victim is fully conscious, immediately give 1 or 2 glasses of water to drink and induce vomiting. Never give anything by mouth to an unconscious person.

Eye Contact

Immediately rinse eyes with a large amount of running water. Hold eyelids apart to rinse the entire surface of the eye and lids. Do not apply any medicating agents except on the advice of a physician.

Skin Contact

Wash with plenty of soap and water, including and under fingernails. Do not apply any medicating agents except on the advice of a physician. Remove contaminated clothing and wash before reuse.

Inhalation

Move victim from contaminated area to fresh air. Apply artificial respiration if necessary.

Notes to Physician:

There is no specific antidote if Solitude™ IGR is ingested. If a large amount has been ingested and emesis is inadequate, lavage stomach. The active ingredient of this product has a high affinity for activated charcoal. Five g/kg of activated charcoal suspension (50g/400 ml water) can be given to absorb remaining toxicant.

Medical Conditions likely to be Aggravated by Exposure:

Persons with pre-existing respiratory disorders should use extra care in handling this product.

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5. Fire-fighting measures
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Fire and Explosions:

Flash Point (Test Method)	Not Applicable
Flammable Limits (% in Air)	Not Applicable
Autoignition Temperature	Not Applicable

Unusual Fire and \Explosion hazards:

None

In Case of Fire:

Use dry chemical, foam, or CO2 extinguishing media. Wear full protective clothing and self-contained breathing apparatus. Evacuate nonessential personnel from the area to prevent human exposure to fire, smoke, fumes, or products of combustion. Prevent use of contaminated buildings, area, and equipment until decontaminated.

6. Accidental release measures
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In Case of Spill or Leak:

Wear chemical safety glasses or goggles, rubber gloves, rubber boots, long sleeved shirt, long pants, head covering, and NIOSH-approved dust respirator. For small spills, sweep up the material, keeping dust to a minimum, and place in an approved chemical container. Wash the spill area with water containing a strong detergent, absorb with pet litter or other absorbent material, sweep up and place in a chemical container. Seal container and handle in an approved manner. Flush the spill area with water to remove any residue. Do not allow wash water to contaminate water supplies.

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7. Handling and storage

Store the material in a well-ventilated, secure area out of the reach of children and domestic animals. Do not store food, beverages or tobacco product in the storage area. Prevent eating, drinking, tobacco usage, and cosmetic application in areas where there is a potential for exposure to the material. Always wash thoroughly after handling.

8. Exposure controls/personal protection

Ingestion

Prevent eating, drinking, tobacco usage, and cosmetic application in areas where there is a potential for exposure to the material. Always wash thoroughly after handling.

Eye contact:

To avoid eye contact, wear chemical safety glasses or goggles

Skin contact

To avoid skin contact, wear rubber gloves, rubber boots, long-sleeved shirt, long pants, and head covering.

Inhalation

To avoid breathing dust, wear a NIOSH-approved dust respirator.

9. Physical and chemical properties

APPEARANCE:

Brown to dark green pellets

ODOR

None

MELTING POINT:

Not applicable

BOILING POINT:

Not applicable

SPECIFIC GRAVITY:

0.69 g/ml

pH

6.1

EVAPORATION RATE:

Not applicable

SOLUBILITY:

1.1 % @ 20 C (Technical

Vapor Pressure

<1 X 10<sup>6</sup> @ 20 C (Technical)

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10. Stability and reactivity

**STABILITY:**

Stable under normal storage conditions.

**HAZARDOUS POLYMERIZATION:**

Will not occur

**CONDITIONS TO AVOID**

None known

**HAZARDOUS DECOMPOSITION PRODUCTS:**

None known

11. Toxicology Information (based on Technical Material)

**ORAL TOXICITY:**

The oral rat LD<sub>50</sub> is greater than 3387 mg/kg body weight.

**DERMAL TOXICITY:**

Slightly toxic. The dermal rabbit LD<sub>50</sub> is greater than 3100 mg/kg body weight.

**INHALATION TOXICITY:**

Slightly toxic. Inhalation LC50 (Rat) is greater than 3.59 mg/L air-4hours

**EYE IRRITATION:**

Mildly irritating (Rabbit)

**SKIN IRRITATION:**

Non-irritating (Rabbit).

**SKIN SENSITIZATION:**

This product is not a dermal sensitizer (Guinea Pig).

**MUTAGENICITY:**

No potential observed

**CARCINOGENICITY:**

Cyromazine was not oncogenic or carcinogenic in lifetime feeding studies with rats and mice.

**REPRODUCTIVE EFFECTS:**

None observed

**OTHER EFFECTS:**

None available

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12. Ecological information (based on Technical Material)
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Slightly toxic to birds and fish and moderately toxic to aquatic invertebrates.

Eco-Acute Toxicity:

Rainbow trout 96-hour LC <sub>50</sub>	51mg/l
Bluegill sunfish 96-hour LC <sub>50</sub>	90 mg/l
Daphnia magna 48-hour LC <sub>50</sub>	9.1 mg/l
Bobwhite oral LD <sub>50</sub>	1,785 mg/kg
Mallard oral LD <sub>50</sub>	2,510 mg/kg
Bobwhite 8-day Dietary LC <sub>50</sub>	>5,620 ppm
Mallard 8-day Dietary LC <sub>50</sub>	>5,620 ppm

Eco-Chronic Toxicity

Fish (Fathead Minnow) Early Life Stage MATC	22 mg/l
Invertebrate(Daphnia magna) Life Cycle MATC	0.45 mg/l

13. Disposal considerations
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Do not reuse product containers. Dispose of product containers, waste container, and residues according to local, state, and federal health and environmental regulations.

14. Transport information
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DOT Classification

Not applicable, No label or placard required

B/L Freight Classification

Insecticide or Fungicide, N.O.S.

For non-U.S. operations, refer to local transportation regulations.

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15. Regulatory Information
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SARA Title III Classification	
Section 311/312	Acute Health Hazard-EPA Category III
	Chronic Health Hazard-None
Section 313 chemical(s)	Cyromazine CAS No. 66215-27-8
Proposition 65	Not determined
CERCLA Reportable Quantity	None
RCRA Classification	None
TSCA Status	Exempt from TSCA

16. Other information
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NFPA Hazard Ratings:

Health	1	0-Least
Flammability	0	1-Slight
Reactivity	0	2-Moderate
		3-High
		4-Severe

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