



MSDS

P.O. Box 329 - 802 Washington Avenue Chestertown, MD 21620 - USA

MATERIAL SAFETY DATA SHEET

TELEPHONE # FOR INFORMATION 410 778-3100

24 HOUR EMERGENCY NUMBER (CHEM-TEL): USA, Canada, Puerto Rico 800-255-3924;

Outside North American Continent 813-248-0585 (call Collect)

1. Product Identification

Product Code: GR-6809

Product Description: Gardotest Powder 28
Potassium Iodide crystals

Manufactured By: LaMotte Company
802 Washington Avenue
Chestertown, MD 21620

2. Composition/Information On Ingredients

| Hazard | CAS#/Name | % | PEL | TLV |
|--------|-------------------------------|-----|-----|-----|
| | 7681-11-0 Potassium Iodide | 100 | | |

3. Hazards Overview

Primary Route Of Entry: Skin Ingestion Inhalation

May be harmful if swallowed. May irritate eyes, skin, respiratory tract.

HMIS Hazard

Scale: 4 = Extreme, 3 = High, 2 = Moderate, 1 = Slight, 0 = Least

Health: 2 Flammability: 0 Reactivity: 2

Carcinogenicity: None:

Other Health Related Comments:

Potassium iodide investigated as a mutagen, reproductive effector; may cause sensitization by inhalation and skin contact

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4. First Aid Measures

Eye Contact: Flush with water for 15 minutes.

Skin Contact: Flush thoroughly with water. Wash with soap and water.

Ingestion: Drink several glasses of water. Consult physician.

Inhalation: Remove to fresh air.

5. Fire Fighting Measures

Flash Point (Method Used): N/A

LEL: N/A

UEL: N/A

Extinguishing Media: Not a fire hazard

Special Fire Fighting Procedures: N/A

Unusual Fire & Explosion Hazard: Emits toxic fumes under fire conditions

6. Accidental Release Measures

Avoid inhalation of dust. Sweep up and flush down drain with excess water.

7. Handling & Storage

Store in cool, dry, storage area. Keep in tightly closed container, away from air & moisture.

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8. Exposure Controls/Personal Protection

Ventilation

Normal

Protection When Handling

Gloves Eye Protection Lab Coat

Work/Hygenic Practices: Do not breathe dust. Wash after handling.

9. Physical & Chemical Properties

Appearance: White Granular solid

Solubility In Water: Soluble

Odor: None

pH: 6 (0.1g in 10mL water)

Vapor Density: N/A

Vapor Pressure: 1 mm Hg@ 745 deg C

Boiling Point: 1330 deg C

Melting Point: 680 deg C

10. Stability & Reactivity

Stable: Yes

Conditions To Avoid: Heat, light, moisture

Incompatibility (Materials To Avoid): Strong acids, metallic salts

Hazardous Decomposition Products: Hazardous combustion products - hydrogen iodide.

11. Toxicological Information

Oral mouse LDLo: 1862 mg/kg; dust may cause respiratory or skin allergy

Target Organs: Skin Thyroid

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12. Ecological Information

Information Not Yet Available

13. Disposal Considerations

Dissolve in water and flush down drain with excess water.

14. Transportation Information

Not Regulated For Transport

15. Regulatory Information

Chemical Inventory Status

| Hazard | Ingredient | USA TSCA | Europe EC | --- Canada --- DSL | NDSL | Australia | Japan |
|--------|------------|-------------|--------------|-----------------------|------|-----------|-------|
|--------|------------|-------------|--------------|-----------------------|------|-----------|-------|

Federal, State, & International Regulations

| Ingredient | --- SARA 302 --- | | ----- SARA 313 ----- | | CERCLA | RCRA 261.33 | TSCA 8(D) |
|------------|------------------|-----|----------------------|-------------------|--------|----------------|--------------|
| | RQ | TPQ | Listed | Chemical Category | | | |

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--- SARA 311/312 ---

----- Australia -----

Hazard Categories

**Hazchem
Code**

**Poison
Schedule**

**This MSDS Is
WHMIS Compliant**

Ingredient Acute Chronic Fire Pressure Reactivity

product GR-6809 as a whole Yes Yes No No No None Allocated None Allocated Yes

16. Other Information

Prepared By: Regulatory Affairs Department

Revised: 7/11/2009
