



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

Manufactured By: LaMotte Company

Product Code: 6385

802 Washington Avenue

Product Description: Starch-Acid Indicator Powder

Chestertown, MD 21620

2. Composition/Information On Ingredients

Hazard	CAS#/Name	%	PEL	TLV
Yes	5329-14-6 Sulfamic Acid	95	N/E	N/E
Yes	9005-84-9 Soluble Starch (amyloextrin)	5	5 mg/cu m (resp dust)	10 mg/cu m (total dust)

3. Hazards Overview

Primary Route Of Entry: Ingestion Inhalation Skin

Corrosive. Irritating to eyes, skin, mucous membranes, throat and lungs.

HMIS Hazard

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

Health: 2 Flammability: 0 Reactivity: 1

Carcinogenicity: None

Other Health Related Comments:

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Product Description: Starch-Acid Indicator Powder

4. First Aid Measures

Eye Contact: Flush with water for 15 minutes. Consult a physician.

Skin Contact: Flush skin with water for 15 min. while removing affected clothing. Wash skin with soap and water.

Ingestion: Do not induce vomiting. Rinse out mouth. Drink plenty of water. Call a doctor.

Inhalation: Remove to fresh air.

5. Fire Fighting Measures

Flash Point (Method Used): N/A

LEL: N/A

UEL: N/A

Extinguishing Media: Dry chemical, CO₂, or water spray

Special Fire Fighting Procedures: N/A

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

6. Accidental Release Measures

Wear gloves & eye protection. Avoid raising/inhaling dust. Wear dust mask for large spills. Cover spill with sodium bicarbonate. Add water to form slurry. Wash down drain with excess water.

7. Handling & Storage

Store in cool, dry, ventilated place away from incompatible materials.

8. Exposure Controls/Personal Protection

Ventilation

Mechanical

Use with adequate ventilation.

Protection When Handling

Eye Protection Gloves Lab Coat, dust mask

Work/Hygenic Practices: Avoid contact with skin or clothing and inhalation of dust. Wash hands after handling.

9. Physical & Chemical Properties

Appearance: Off white Powder

Solubility In Water: Soluble

Odor: None

pH: 1 (0.1g/10mL H₂O)

Vapor Density: N/A

Vapor Pressure: N/A

Boiling Point: N/A

Melting Point: ca. 200 deg C

10. Stability & Reactivity

Stable: Yes

Conditions To Avoid: N/A

Incompatibility (Materials To Avoid): Strong oxidizers and bases

Hazardous Decomposition Products: SO_x, NO_x

11. Toxicological Information

Oral rat LD₅₀: 3160 mg/Kg for sulfamic acid

Target Organs: N/A Skin

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12. Ecological Information

Information Not Yet Available

13. Disposal Considerations

Add slowly to a solution of soda ash and calcium hydroxide. Add neutralized solution to excess of running water and wash down drain. Dispose according to federal, state and local regulations.

14. Transportation Information

Proper Shipping Name:

DOT: SULFAMIC ACID

IATA: SULPHAMIC ACID

Hazard Class/Div:

DOT: 8

IATA: 8

UN: 2967

Packing Group: III

15. Regulatory Information

Chemical Inventory Status

Hazard	Ingredient	USA	Europe	--- Canada ---		Australia	Japan
		TSCA	EC	DSL	NDSL		
Yes	5329-14-6 Sulfamic Acid	Yes	Yes	Yes	No	Yes	Yes
Yes	9005-84-9 Soluble Starch	Yes	Yes	Yes	No	Yes	No

Federal, State, & International Regulations

Ingredient	--- SARA 302 ---		----- SARA 313 -----		CERCLA	RCRA 261.33	TSCA 8(D)
	RQ	TPQ	Listed	Chemical Category			
5329-14-6 Sulfamic Acid	No	No	No	No	No	No	No
9005-84-9 Soluble Starch	No	No	No	No	No	No	No

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Product Description: Starch-Acid Indicator Powder

--- SARA 311/312 ---

----- Australia -----

Hazard Categories

Ingredient	Acute	Chronic	Fire	Pressure	Reactivity	Hazchem Code	Poison Schedule	This MSDS Is WHMIS Compliant
5329-14-6 Sulfamic Acid	Yes	No	No	No	No	2T	S6	
9005-84-9 Soluble Starch	Yes	No	No	No	No	None Allocated	None Allocated	
product 6385 as a whole	Yes	No	No	No	No	2T	S6	Yes

16. Other Information

Prepared By: Regulatory Affairs Department

Revised: 12/1/2006
