

Date Prepared: 11/22/02
Supersedes: 08/01/01
Product Name: SpeedPatch Accelerator

ChemMasters

Material Safety Data Sheet

1. Chemical Product and Company Information

Product Name: SpeedPatch Accelerator

ChemMasters
300 Edwards Street
Madison, Ohio 44057
440-428-2105

In Case of Emergency Contact:
CHEMTREC 800/424-9300

2. Composition / Information on Ingredients

Hazardous Components	CAS #	Exposure Limits			OTHER	% by Wt
		OSHA(PEL/TWA)	ACGIH (TLV/TWA)			
Aluminum Sulphate (Alum)	10043-01-3	2 mg/m ³ (As Al in Air)	2 mg/m ³ (As Al in Air)	—	57	
Non-Hazardous Ingredients	Trade Secret	NA	NA	—	43	

3. Hazards Identification

CAUTION

May cause eye and respiratory tract irritation
Overexposure may cause skin irritation or burns

Potential Health Hazards - Acute

Eye: Dust may cause irritation.

Skin: Wet material can dry the skin and cause burns.

Inhalation: Dust may cause respiratory tract irritation.

Ingestion: May cause gastrointestinal irritation, vomiting, and nausea.

Potential Health Effects - Chronic

Excess exposure to large amounts of dust can cause inflammation of the lining tissue of the interior of the nose and inflammation of the cornea. May aggravate respiratory problems.

Carcinogenicity:

NTP
NO

IARC Monographs
NO

OSHA Regulated
NO

4. First Aid Measures

Eye: Immediately flush with plenty of water. Get medical attention.

Skin: Flush immediately with soap and water. Remove contaminated clothing.

Inhalation: Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.

Ingestion: Induce vomiting. Get medical attention.

SEEK MEDICAL ATTENTION IF SYMPTOMS PERSIST.

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5. Fire Fighting Measures

Flash Point (method used): No data available

Flammable Limits (% volume in air): **Lower** = Not applicable **Upper** = Not applicable

Auto Ignition Temperature: Not applicable

Extinguishing Media: Not combustible. Use media appropriate for surrounding fire.

Hazard Decomposition Products: Sulfur oxide gases. Trioxide which is a fire hazard

Fire Fighting Instructions: Appropriate gear and precautions for surrounding fire.

6. Accidental Release Measures

Spill: Sweep up dr material and place in a container. Flush remaining residue with plenty of water. Neutralize water with soda ash or lime, then flush to sewer if permitted by applicable disposal regulations.

7. Handling and Storage

Handling: Avoid contact with skin and eyes. Avoid dispersing dust into the air. Avoid breathing dust. Always use good industrial hygiene practices and safety guidelines in dealing with this potentially hazardous product.

Storage: Although no hazardous reaction will occur, material should be kept dry until used. Keep out of contact with alkalies.

8. Exposure Controls / Personal Protection

Exposure Controls: Mechanical exhaust should be used. A source of clean water should be available for flushing eyes and skin.

Personal Protection: An approved dust respirator should be used when mixing this product, protective clothing, rubber gloves and glasses. Barrier creams should be used during prolonged exposure.

9. Physical and Chemical Properties

Appearance: White-Brownish Powder

Odor: Odorless

Boiling Point: Not applicable

Melting Point: 105°C

Vapor Pressure (mm/Hg): Negligible

Vapor Density (Air = 1): Not applicable

Solubility in Water: 50% @ 32°F

Specific Gravity (H₂O = 1): 1.61

Evaporation Rate (n-Butyl Acetate = 1): Not applicable

10. Stability and Reactivity

Chemical Stability: Stable

Conditions to Avoid: Temperatures above 760°C would release toxic and corrosive gases

Incompatibility (materials to avoid): Alkalies and Water Reactive Material such as Oleum

Hazardous Decomposition or By-products: Sulphur oxide gases, Trioxide and Toxic & Corrosive Gases

Hazardous Polymerization: Will not occur

11. Toxicological Information

No data available

12. Ecological Information

No data available

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13. Disposal Considerations

Non regulated. Mix with water, allow to harden, then dispose of as common rock.
Dispose of in accordance with all federal, state and local regulations.

14. Transportation Information

For U S National, International, and Air Shipments

Shipping Description: Non regulated

Emergency Response Guide Number: Not applicable

Hazard Class: Not applicable

15. Regulatory Information

OSHA: This material is hazardous by definition of Hazardous Communications Standard (29 CFR 1910.1200)

CERCLA Reportable Quantity: Not applicable

SARA Title III:

Section 311/312 hazard categories: Acute health

Section 313 reportable ingredients:

Components	CAS #	Maximum %
Not applicable	—	—

16. Other Information

MSDS Status: Revised 11/22/02

Industrial Abbreviation Legend on page 4 of this MSDS.

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Industrial Abbreviation Legend

ACGIH	American Conference of Governmental Industrial Hygienists	mg/m ³	milligrams per cubic meter
CAA	Clean Air Act (EPA)	NIOSH	National Institute for Occupational Safety and Health
CERCLA	Comprehensive Environmental Response, Compensation & Liability Act of 1980 (Superfund) (EPA)	NTP	National Toxicology Program
CNS	Central Nervous System	OSHA	Occupational Safety and Health Administration
CWA	Clean Water Act (EPA)	PEL	Permissible Exposure Limit
DOT	Department of Transportation	ppm	parts per million
EPA	Environmental Protection Agency	RCRA	Resource Conservation and Recovery Act (EPA)
g/kg	grams per kilogram	SARA	EPA's Superfund Amendment and Reauthorization Act (EPA)
IARC	Internal Agency for Research on Cancer	STEL	Short-Term Exposure Limit, ACGIH terminology
LC50	Lethal Concentration in which 50% of the test animals are expected to die	TLV	Threshold Limit Value
LD50	Lethal Dose in which 50% of the test animals are expected to die	TWA	Time-Weighted Average

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