

SECTION V — HEALTH HAZARD DATA

PRIMARY ROUTE OF ENTRY: SKIN

Threshold Limit Value:

SEE SECTION II

Effects of Overexposure:

SKIN RASH MAY RESULT IF SENSITIVE TO ORGANIC PHOSPHITES.

Emergency First Aid Procedures:

WASH SKIN WITH SOAP AND WATER. FLUSH EYES WITH WATER.**SECTION VI — REACTIVITY DATA**

Stability	Unstable	Conditions to Avoid: EXCESSIVE HEAT
	Stable XX	
Incompatibility (Materials to Avoid): STRONG OXIDIZING AGENTS		
Hazardous Decomposition Products: BaO, P2O5, CO, CO2		
Hazardous Polymerization	May Occur	Conditions to Avoid: NONE
	Will Not Occur, XX	

SECTION VII — SPILL OR LEAK PROCEDURESteps to be Taken in Case Material is Released or Spilled: TREAT AS OIL SPILL. ABSORB ON DIATOMACEOUS EARTH OR OTHER FILLERS. SHOVEL TO WASTE DRUMS.Waste Disposal Method: INCINERATE IN FURNACE OR DISPOSE OF MATERIALS ABSORBED ON SOLIDS IN ACCORDANCE WITH CURRENT APPLICABLE LAWS.**SECTION VIII — SPECIAL PROTECTION INFORMATION**

Respiratory Protection (Specify Type):

NONE NORMALLY REQUIRED.

Ventilation	Local Exhaust	Special
	SUFFICIENT TO CONTROL FUMES & ODOR	
	Mechanical (General)	Other
	AS NEEDED	
Protective Gloves:		Eye Protection:
RUBBER		CHEMICAL GOGGLES
Other Protective Equipment:		
NONE		

SECTION IX — SPECIAL PRECAUTIONSDO 087162
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Precautions to be taken in Handling and Storing:

AVOID PROLONGED CONTACT. REMOVE CONTAMINATED CLOTHING.

Other Precautions:

AVOID EXCESSIVE STORAGE TEMPERATURES. PROTECT FROM ATMOSPHERIC MOISTURE.**SEP 1 1985**

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SYNPRO
MATERIAL SAFETY DATA SHEET
SECTION I

HMIS
HEALTH: 0
FLAMMABILITY: 1
REACTIVITY: 0

Manufacturer's Name

SYNTHETIC PRODUCTS COMPANY

Emergency Telephone Number

(216) 531-6010

Address

**16601 ST. CLAIR AVENUE
CLEVELAND, OHIO 44110**

Chemical Name

and Synonyms **MAGNESIUM STEARATE**

Trade Name **SYNPRO MAGNESIUM ST (ALL GRADES)**

and Synonyms **METASAP MAGNESIUM ST (ALL GRADES)**

Chemical Formula

Family **FATTY SOAP** **$\sim C_{36}H_{72}O_4Mg$**

SECTION II — INGREDIENTS

MATERIAL	CAS NO.	%	TLV (UNITS)	MATERIAL	CAS NO.	%	TLV (UNITS)
Magnesium Stearate	557040	> 95	Not Listed				

SECTION III — PHYSICAL DATA

Boiling Point (°F)	N/A	Specific Gravity (H ₂ O=1)	> 1.0
Vapor Pressure (mm Hg.)	NIL	Percent Volatile by Volume (%)	NIL
Vapor Density (AIR=1)	N/A	Evaporation Rate Butyl Acetate ⁻¹	< 1.0
Solubility in Water	Negligible		

Appearance and Color

FINE WHITE POWDER, MILD FATTY ODOR

SECTION IV — FIRE AND EXPLOSION HAZARD DATA

Flash Point (Method Used)	Flammable Limits	Lel	Uel
> 500°F (PMCC)	UNKNOWN		
<u>Extinguishing Media</u>			
WATER, CO₂, FOG, DRY CHEMICAL			
<u>Special Fire Fighting Procedures</u>			
NOT APPLICABLE			

Unusual Fire and Explosion Hazards

AS A FINE DUST IN AIR, IT MAY BE A HAZARD WITH AN IGNITION SOURCE.

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SECTION V — HEALTH HAZARD DATA**PRIMARY ROUTE OF ENTRY: INHALATION**

Threshold Limit Value:

NOT LISTED BY ACGIH

Effects of Overexposure:

MAY CAUSE EYE AND LUNG IRRITATION

Emergency First Aid Procedures:

WASH WITH SOAP AND WATER. FLUSH EYES WITH WATER.**SECTION VI — REACTIVITY DATA**

Stability	Unstable	Conditions to Avoid: NONE
	Stable XX	
Incompatibility (Materials to Avoid): STRONG OXIDIZING AGENTS		
Hazardous Decomposition Products: CO₂, MgO		
Hazardous Polymerization	May Occur	Conditions to Avoid: NONE
	Will Not Occur XX	

SECTION VII — SPILL OR LEAK PROCEDURE

Steps to be Taken in Case Material is Released or Spilled:

REMOVE IGNITION SOURCES. SHOVEL INTO DRUMS.

Waste Disposal Method:

DISPOSE OF CONSISTENT WITH LOCAL, STATE AND FEDERAL REGULATIONS.**SECTION VIII — SPECIAL PROTECTION INFORMATION**

Respiratory Protection (Specify Type):

NIOSH APPROVED DUST MASK.

Ventilation	Local Exhaust SUFFICIENT TO CONTROL DUST	Special
	Mechanical (General) AS NEEDED	Other
Protective Gloves: RUBBER		Eye Protection: CHEMICAL GOGGLES
Other Protective Equipment: IMPERVIOUS OUTERWEAR		

SECTION IX — SPECIAL PRECAUTIONSDO 087164
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Precautions to be taken in Handling and Storing:

STORE IN COOL DRY PLACE.

Other Precautions:

DUST EXPLOSIONS CAN OCCUR UNDER CONDITIONS OF HIGH DUST CONCENTRATION IN PRESENCE OF AN IGNITION SOURCE.

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