



MATERIAL SAFETY DATA SHEET

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P-SR10

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CHEMICAL CODE: P-SR10
PRODUCT NAME: SYNTHETIC RETARDER POWDER
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EFFECTIVE DATE: AUGUST 01, 2014



NFPA RATING:

HEALTH HAZARD: 1 FLAMMABILITY: 0 REACTIVITY: 0 OTHER:

0=INSIGNIFICANT 1=SLIGHT 2=MODERATE 3=HIGH 4=EXTREME

NOMINAL COMPOSITION:

PROPRIETARY BLEND OF ORGANIC ACID

CAS NUMBER

SECTION 1 - PHYSICAL DATA

CHEMICAL NATURE:	PROPRIETARY	FORM:	POWDER
COLOR:	LIGHT TAN	ODOR:	SLIGHT ODOR
VAP DENSITY (AIR=1):	NOT AVAILABLE	% SOL. IN WATER:	SOLUBLE
PH:	8.0 – 10.0	SP. GRAVITY:	1.21
POUR PT.:	NOT AVAILABLE	BOILING POINT:	NOT AVAILABLE
VAP. PRESSURE:	NOT AVAILABLE	WT% VOLATILE:	NOT AVAILABLE

SECTION 2 - FIRE AND EXPLOSION HAZARD DATA

CHARACTERISTIC: DUST MAY BE EXPLOSIVE WHEN SUSPENDED IN AIR.

FLASH POINT: N/A **METHOD USED:** NOT DETERMINED

FLAMMABLE LIMITS (STP IN AIR) LFL: NOT DETERMINED **UFL:** NOT DETERMINED

EXTINGUISHING MEDIA: WATER FOG, ALCOHOL FOAM, CO₂, DRY CHEMICAL, AND WATER.

SPECIAL FIRE FIGHTING EQUIPMENT AND HAZARDS: WEAR PROTECTIVE FIREFIGHTING CLOTHING AND AVOID BREATHING VAPORS. USE SELF-CONTAINED BREATHING APPARATUS IN CLOSED AREAS. DUST EXPLOSION HAZARD.



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SECTION 3 - REACTIVITY HAZARDS

STABILITY: PRODUCT IS STABLE UNDER NORMAL CONDITIONS OF STORAGE AND HANDLING. STORE IN A COOL, DRY PLACE TO MAINTAIN PRODUCT PERFORMANCE.

INCOMPATIBILITY: STRONG OXIDIZING MATERIALS.

HAZARDOUS DECOMPOSITION: WHEN HEATED STRONGLY OR BURNED, OXIDES OF CARBON, CARBON MONOXIDE, NITROGEN OXIDES AND HARMFUL ORGANIC CHEMICAL FUMES ARE RELEASED.

HAZARDOUS POLYMERIZATION: WILL NOT OCCUR UNDER NORMAL CONDITIONS.

SECTION 4 - FIRST AID PROCEDURES

EYE CONTACT: IMMEDIATELY FLUSH EYES WITH WATER FOR 15 MINUTES WHILE HOLDING EYELIDS OPEN. SEE A DOCTOR AT ONCE.

SKIN CONTACT: IMMEDIATELY WASH WITH SOAP AND WATER. SEE A DOCTOR IF IRRITATION OCCURS. WASH CLOTHES THOROUGHLY BEFORE REUSING.

SWALLOWING: IF SEVERAL GRAMS ARE SWALLOWED, INDUCE VOMITING WITH IPECAC (PREFERRED), OR BY GIVING WATER AND STICKING FINGER DOWN THROAT. AFTER VOMITING GIVE MILK (PREFERRED), OR WATER AND CONSULT PHYSICIAN.

INHALATION: REMOVE TO FRESH AIR. SEE A DOCTOR IF EFFECTS OCCUR.

NOTES: N/A

SECTION 5 - HANDLING PRECAUTIONS

PROTECTIVE EQUIPMENT CODE:

VENTILATION: GENERAL AND LOCAL VENTILATION IS REQUIRED TO CONTROL DUST.

RESPIRATORY PROTECTION: USE NIOSH APPROVED RESPIRATOR WITH DUST AND MIST PROTECTION (3M NO. 8710).

PROTECTIVE CLOTHING: CLEAN, BODY-COVERING CLOTHING PLUS GLOVES.

EYE PROTECTION: CHEMICAL GOGGLES REQUIRED AND AN EYE WASH IN WORK AREA.

EXPOSURE GUIDELINE(S): TLV = TWA 10 MG/M3 FOR TOTAL DUST.



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SECTION 6 - SPILL AND DISPOSAL PROCEDURE

CERCLA REPORTABLE QUANTITY: NOT ESTABLISHED.

SPECIAL HANDLING: DIKE AND CONTAIN THE SPILL WITH INERT MATERIAL (I.E., SAND, EARTH, SAWDUST), AND TRANSFER LIQUID AND SOLID DIKING MATERIAL TO SEPARATE CONTAINERS FOR RECOVERY OR DISPOSAL. AVOID GENERATING DUST, KEEP AWAY FROM HEAT, SPARKS AND FLAME. WASH FLOOR AREA WITH HOT WATER SOLUTION. REMOVE CONTAMINATED CLOTHING AND WASH BEFORE REUSE. WASH AFFECTED SKIN AREAS WITH SOAP AND WATER. KEEP SPILLS OUT OF ALL SEWERS AND BODIES OF WATER. IF VACUUM SWEEPER IS USED, IT MUST BE RATED TO HANDLE EXPLOSIVE DUSTS.

DISPOSAL METHOD FOR:

PRODUCT: HAZARDOUS WASTE LANDFILL. MATERIAL MAY BE ACCEPTABLE IN SOME SANITARY LANDFILLS; CHECK LOCAL REGULATIONS.

EPA HAZARDOUS WASTE NUMBER: NONE.

CONTAINER: SEND EMPTY BAGS TO SANITARY LANDFILL. RENDER OTHER TYPES OF CONTAINERS UNUSABLE BY PUNCTURING OR CRUSHING AND SEND TO SANITARY LANDFILL.

DEGRADABILITY: BIODEGRADABLE.

FISH TOXICITY: NO INFORMATION.

ANIMAL TOXICITY: LOW TOXICITY TO MAMMALS.

SECTION 7 - TOXICOLOGY (ROUTES OF EXPOSURE)

PRINCIPAL HAZARD (E=EYE, S=SKIN, I=INHAL.): E

EYE CONTACT: IRRITANT. MAY CAUSE PAIN, REDNESS, AND DISCOMFORT.

SKIN CONTACT: PROLONGED OR REPEATED CONTACT MAY CAUSE MILD IRRITATION, CHAPPING OF THE SKIN.

SWALLOWING: MAY IRRITATE MOUTH, THROAT AND STOMACH.

INHALATION: INHALATION OF THE DUST MAY CAUSE COUGHING, SNEEZING & DIZZINESS. PROLONGED OR REPEATED EXPOSURE MAY CAUSE MILD IRRITATION.



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SECTION 8 - SPECIAL PRECAUTIONS AND ADDITIONAL INFORMATION

SPECIAL PRECAUTIONS: NOT CLASSIFIED AS HAZARDOUS ACCORDING TO THE DEPARTMENT OF TRANSPORTATION.

PHYSICAL HAZARD: FIRE, DUST, WATER SLICK.

HANDLING AND STORAGE PRECAUTIONS: AVOID WETTING SPILLED MATERIAL. AVOID GENERATING DUST.

PACKAGING INFORMATION: PAPER BAG. (MINIMUM 3 PLY), OR OTHER CONTAINER DESIGNED FOR POWDERS AND GRANULATED MATERIALS.

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