

Material Safety Data Sheet

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SECTION I-PRODUCT IDENTIFICATION

PRODUCT NAME: MATRIX ACCELERATOR

SECTION II-HAZARDOUS INGREDIENTS

INGREDIENT	CAS #	OSHA PEL	VAP/PRESS	% IN PROD.
SODIUM CARBONATE	497-10-8	N/A	0.0 mm Hg	17.00

SECTION III-PHYSICAL DATA

BOILING RANGE:	N/A	EVAPORATION		
WT/GAL:	9.72 (1164 g/l)	RATE:	12.00 (Ethyl Ether =1)	
VOC W/ WATER:	0.00 (0 g/l)	% VOLATILE VOLUME:	96.7	
VOC W/OUT WATER:	0.00 (0 g/l)	% WEIGHT SOLIDS:	17.0	

SECTION IV-FIRE AND EXPLOSION HAZARD DATA

FLAMMABILITY CLASSIFICATION:	Slightly combustible - Class 111B
FLASH POINT:	200°F
EXTINGUISHING MEDIA:	Foam, Alcohol Foam, CO ₂ , Dry Chemical, Water, Other
SPECIAL FIRE FIGHTING PROCEDURES:	Respiratory equipment should be worn to avoid inhalation of concentrated vapors
UNUSUAL FIRE & EXPLOSION HAZARDS:	Material does not support combustion
HMS CODES:	H - 2; F - 1; R - 0; PP - 1

SECTION V-HEALTH HAZARD DATA

ROUTES OF ENTRY: Inhalation: Yes Skin: Yes Ingestion: Yes

EFFECTS OF OVEREXPOSURE:

INHALATION: Dizziness, breathing difficulty, headaches, loss of coordination, unconsciousness, and death. EYE CONTACT: Severe irritation, tearing, redness, blurred vision, and blindness. SKIN CONTACT: Irritation and dermatitis. INGESTION: Can cause gastrointestinal irritation, vomiting, nausea, diarrhea, and death.

MEDICAL CONDITIONS PRONE TO AGGRAVATION BY EXPOSURE:

Asthma, respiratory tract irritation, dermatitis, nausea, vomiting.

SECTION V-HEALTH HAZARD DAT-Cont'd.

FIRST AID:

- INHALATION:** Move exposed person to fresh air. If breathing stops, apply artificial respiration and seek immediate medical attention.
- EYE CONTACT:** Flush with large quantities of water for 15 minutes.
- SKIN CONTACT:** Wash thoroughly with soap and water and see a doctor.
- INGESTION:** Contact physician immediately.

SECTION VI-REACTIVITY DATA

- STABILITY:** Stable.
- CONDITIONS TO AVOID:** Excessive heat, poor ventilation, corrosive atmospheres, excessive aging.
- HAZARDOUS POLYMERIZATION:** Will not occur.
- HAZARDOUS DECOMPOSITION:** Carbon monoxide, carbon dioxide, oxides of nitrogen.
- INCOMPATIBILITY (MATERIALS TO AVOID):** Alkaline materials, strong acids and oxidizing materials.

SECTION VII-SPILL AND DISPOSAL PROCEDURES

- SPILL RESPONSE:** Eliminate ignition sources, provide good ventilation, dike spill area and add absorbent earth or sawdust to spilled liquid.
- RECOMMENDED DISPOSAL:** Collect absorbent/spilled liquid mixture into metal containers. Consult local, state and federal hazardous waste regulation before disposing into approved hazardous waste landfills. Obey relevant laws.

SECTION VIII-SAFE HANDLING AND USE INFORMATION

- RESPIRATORY PROTECTION:** When spraying this material use a NIOSH approved cartridge respirator or gas mask suitable to keep airborne mists and vapor concentration below the time-weighted threshold limit values. When using in poorly ventilated and confined spaces, use a fresh-air supplying respirator or a self-contained breathing apparatus.
- VENTILATION:** General mechanical ventilation or local exhaust should be suitable to keep vapor concentrations below TLV. Ventilation equipment should be explosion proof.
- PROTECTIVE GLOVES:** Impermeable chemical handling gloves for skin protection.
- EYE PROTECTION:** Use chemical safety glasses, goggles, and face shields for eye protection.
- OTHER PROTECTIVE EQUIPMENT:** Use impermeable aprons and protective clothing whenever possible to prevent skin contact. The use of head caps whenever possible is strongly recommended.
- HYGIENIC PRACTICES:** Eye washes and safety showers in the workplace are recommended.

SECTION IX-SPECIAL PRECAUTIONS

- RECOMMENDED STORAGE:** Use in cool, well ventilated areas. Keep containers closed when not in use.
- OTHER PRECAUTIONS:** Keep away from children.

Abbreviations: N/D - Not Determined

N/A - Not Applicable

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