

MATERIAL SAFETY DATA SHEET
OSHA FORM 174

Product Name: EOS GRANULE ACCELERATOR (EOS G-A)
 Product Code: 10030
 HMIS Codes H - 2 - F - O - R - O - P - B
 (Health - Fire- Reactivity- Personal- Protection)
 HNIS Rating: 0=Minimal, 1=Slight, 2= Moderate, 3= Serious, 4=Severe

Section I - Manufacturer Identification

Mfg. Name: Endur-O-Seal USA, Inc.
 EOS SYSTEMS
 Address: 12502 Lazywood, Pinehurst, Tx. 77362
 Emergency Phone: 1-800-259-8855
 Date Prepared: 01/01/99 by Endur-O-Seal USA, Inc.
 Last Revision: 01/01/99

Section II - Hazardous ingredients / Identity information

Hazardous Components	CAS #	OSHA PEL	ACGIH TLV	Other	Vapor Press	Weight %
<u>SILICIC Acid, Disodium Salt Pentahydrate</u>		0.4	none		none	

Section III - Physical/ Chemical Characteristics

SARA Title III / Section 313 Supplier Notification

This product contains the following Toxic Chemicals subject to the reporting requirements of section 313 of the Emergency planning and community right-to-know act of 1986 and of 40 CFR 372

CAS #	Chemical Name	Percent by Weight
None		
Boiling Point: NA	Specific Gravity (H ₂ O=1) : NA	
Evaporation Density: NA	Evaporation Rate: NA	
V.O.C. NA	(ether=1)	
Solubility in water: Soluble		
Appearance and odor: White granule powder, none		

Section IV - fire and Explosion Hazardous Data

EOS G-A is considered non-Flammable
 Flash Point: NA
 Flammable Limits in air by volume - Lower: NA, Upper: NA
 Extinguishing Media: Water
 Special Fire fighting procedures: Self- contained breathing apparatus with full face piece operated in A Pressure Demand or other Positive Pressure Mode
 Unusual fire and explosion hazards: None

Section V - Reactivity Data

Stability : Stable
 Conditions to avoid: Strong Oxidizing agents, acids
 Incompatibility (materials to avoid) Aluminum reacts with Aqueous solutions to release Flammable Hydrogen
 Hazardous Decomposition or by products: May liberate carbon monoxide or carbon Dioxide
 Unusual Fire and Explosion Hazards: None

MSDS

Section VI - Health Hazard Data

Inhalation Health Risks and symptoms of exposure: Excessive Inhalation of dust can cause nasal and respiratory irritation.

Skin and Eye contact health Risks and Symptoms of exposure:

Eye: May cause moderate eye irritation and slight corneal injury, dust may irritate eyes

Skin: Prolonged or repeated and confined exposure may cause skin irritation, repeated contact may cause drying or flaking skin.

Skin Absorption Health Risks and Symptoms of Exposure: A single prolonged exposure is not likely to result in the material being absorbed through the skin in a harmful amount.

Ingestion Health risks and symptoms of Exposure: swallowing can cause gastrointestinal irritation, Nausea, vomiting and diarrhea.

Carcinogenic: the national Toxicology program has listed nitrilotriacetate acid as a suspect carcinogen based on tests with laboratory rats and mice at high feeding levels. OSHA does not regulate Nitrilotriacetate

NTP? Suspect IARC Monographs? No OSHA Regulated? NO.

Emergency and First Aid Procedures:

Eyes: Irrigate with flowing water immediately and continuously for 15 minutes, Consult medical Personnel.

Skin: Wash off in flowing water or shower, remove contaminate clothing and wash before using.

Ingestion: Do not induce vomiting, call physician and /or transport to emergency facility services.

Inhalation: Remove to fresh air. If not breathing, give mouth to mouth resuscitation. If breathing is difficult, give oxygen. Call a physician.

Section VI - Health Hazard Data - Cont.

Steps to be taken in case material is released or spilled:

Small spill - sweep or absorb liquid on paper, vermiculite, floor absorbent or other absorbent material and transfer to labeled containers.

Large spill - sweep or stop spill at source, dike area of spill to prevent spreading pump liquid into salvage tank. Remaining liquid may be taken up on sand, clay, floor absorbent or other absorbent material and shoveled into containers.

Waste disposal method: review federal, provincial and local government requirements prior to disposal precaution to be taken in handling and storing exercise reasonable care and caution. Store in a cool dry place.

Other precautions: containers of this material may be hazardous when emptied, since empty containers retain product residues (vapor, liquid and /or solids), all hazard precautions given in the data sheet must be observed.

Section VIII - Control Measures

Respiratory protection: if TVL of the product or any component is exceeded, a NIOSH/MSHA jointly approves air supplied respirator is advised in absence of proper environmental control. OSHA regulations also permits other NIOSH/MSHA respirators under specified condition.

Ventilation: provide general or mechanical ventilation or local exhaust to keep vapor concentrations below TLV of materials in section II and LEL in section IV.

Protection gloves: use impermeable gloves to prevent prolonged skin contact.

Eye protection: use safety eyewear designed to protect eyes against liquid splash and mists. Consult your safety equipment supplier.

Other protective clothing or equipment's: use protective clothing to prevent skin contact. Use head caps, boots, chemical aprons when necessary.

Work/hygienic practices: eye wash and safety showers in the workplace are recommended. Wash hands after using. Monitor. Exposure levels.

Section IX - Disclaimer

Notice: although the information and recommendations set forth herein (herein after "information") are presented in good faith and believed to be correct as of the date hereof, Endur-O-Seal USA, Inc., makes no representations as to the completeness or accuracy thereof. Information is supplied upon the condition that the persons receiving same will make their own determination as to the suitability for their purposes prior to use. In no event will Endur-O-Seal USA, Inc. be responsible for damages of any nature whatsoever resulting from the use of or reliance upon information. No representations or warranties, either express or implied with respect to information or the product to which information refers.

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