

MATERIAL SAFETY DATA SHEET

PRODUCT NAME: Enspor Crystal

MANUFACTURER:

Acorn Biotechnical Corporation

P.O. Box 925521

Houston, Texas 77292

(800) 982-1187

DATE PREPARED: 03.01.02

HAZARDOUS INGREDIENTS	C.A.S. #	OSHA PEL/TLV	ACGIH TLV	STEL	OTHER LIMITS
None under 29 CFR 1910.1200	None	N/A	N/A	N/A	N/A

HEALTH - 1

FIRE - 0

REACTIVITY - 0

SPECIFIC HAZARD - N/A

BOILING POINT - 1350°F

FLASH POINT - N/A

METHOD USED - N/A

SPECIFIC GRAVITY - > 1

EVAPORATION RATE - N/A

% VOLATILE - N/A

PHYSICAL DESCRIPTION - Off white to gray crystals. Moderate odor.

FLAMMABLE LIMITS: LEL - N/A

UEL - N/A

EXTINGUISHING MEDIA: Material will not burn or support combustion.

SPECIAL FIRE FIGHTING PROCEDURE: Firefighters should wear a self-contained breathing apparatus as in all chemical fires.

UNUSUAL FIRE AND EXPLOSION HAZARDS: None

UNSTABLE -

STABLE - X

HAZARDOUS DECOMPOSITION PRODUCTS: At temperatures above the boiling point, oxides of sulfur may be liberated.

CONDITION TO AVOID: Extremely elevated temperatures

MATERIALS TO AVOID: Strong acids and bases

HAZARDOUS POLYMERIZATION: Will not occur.

POSSIBLE ROUTES OF ENTRY:

INHALATION - No

INGESTION - Yes

SKIN - No

ACUTE HEALTH HAZARD: N/K

CHRONIC HEALTH HAZARD: None known

CARCINOGENICITY: NTP - No

IARC MONOGRAPHS - No

OSHA REGULATED - No

ORAL LD/50 - N/D

DERMAL IRRITATION - None

EYE IRRITATION - Slight

SYMPTOMS OF OVEREXPOSURE

EYE - Possible irritation

SKIN - Possible drying

INHALATION - Possible irritation

INGESTION - Gastric distress; possible diarrhea and vomiting

CONDITIONS AGGRAVATED BY EXPOSURE - N/K

FIRST AID

SKIN: Wash exposed skin when finished handling.

EYES: Flush eye with water for 15 minutes. If irritation persists, see a doctor.

INHALATION: Leave area if fine dust is produced.

INGESTION: Drink large quantity of water, milk, or yogurt. DO NOT INDUCE VOMITING. If gastric distress persists, see a doctor.

SPILL SAFETY: Dissolve powder with excess water.

DISPOSAL INFORMATION: Flush diluted material to sewer.

STORAGE AND HANDLING: Store in a dry place.



PERSONAL HYGIENE: Wash all exposed surfaces with soap and water. Do not allow material to contact open wounds. If such contact occurs, wash with soap and water and apply a superficial disinfectant.

PROTECTION - None required TYPE - N/A

VENTILATION:

GENERAL MECHANICAL -

LOCAL - X

SPECIAL - None required

PROTECTIVE EQUIPMENT REQUIRED:

RUBBER GLOVES - X

RUBBER APRON -

RUBBER BOOTS -

CHEMICAL SPLASH GOGGLES -

FACE SHIELD -

SHIPPING INFORMATION:

DOT LABEL - None required

U.N. NUMBER - None required

SPECIAL INFORMATION:

N/A = NOT APPLICABLE

N/K = NOT KNOWN

N/D = NOT DONE

OTHER COMMENTS

SARA TITLE REPORTING REQUIREMENTS

Section 302,304

Section 311,312

Section 313

CERCLA

Reporting not required

Reporting not required for inventory above TPQ

Reporting may be required for manufacturing use

Same as section 304

The data and recommendations on this document are believed to be accurate. However, no warranty is expressed or implied in regard to these data or the results obtained from the use of the data. In addition Acorn Biotechnical Corporation assumes no responsibility for injury to customers and third parties caused by the material if reasonable safety procedures such as are outlined in this document are not followed. The information in this document is provided by Acorn Biotechnical Corporation as a service to its customers for use in complying with the Occupational Safety and Health Act of 1970. Any other use is prohibited.

CREATED BY SMK

