

MATERIAL SAFETY DATA SHEET

PRODUCT NAME: Enspor FC

MANUFACTURER:

Acorn Biotechnical Corporation

DATE PREPARED: 03.01.02

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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 - 1

REACTIVITY - 0

SPECIFIC HAZARD - None

BOILING POINT - > 212°F

FLASH POINT - > 212°F

METHOD USED - PMCC

SPECIFIC GRAVITY - 1.009

EVAPORATION RATE (WATER = 1) - 1

% VOLATILE - 7

PHYSICAL DESCRIPTION - Slightly viscous blue/green liquid with fragrance

FLAMMABLE LIMITS: LEL - N/D

UEL - N/D

EXTINGUISHING MEDIA: Water mist, dry chemical, carbon dioxide

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

UNUSUAL FIRE AND EXPLOSION HAZARDS: None known

UNSTABLE -

STABLE - X

HAZARDOUS DECOMPOSITION PRODUCTS: May produce oxides of carbon and nitrogen.

CONDITION TO AVOID: Elevated temperatures

MATERIALS TO AVOID: Strong acids and bases, oxidizing agents

HAZARDOUS POLYMERIZATION: Will not occur.

POSSIBLE ROUTES OF ENTRY:

INHALATION - Yes

INGESTION - Yes

SKIN - No

ACUTE HEALTH HAZARD: Irritation to mucous membranes

CHRONIC HEALTH HAZARD: May produce an allergic response on repeated exposure to aerosols.

CARCINOGENICITY: NTP - No

IARC MONOGRAPHS - No

OSHA REGULATED - No

ORAL LD/50 - N/K

DERMAL IRRITATION - Slight

EYE IRRITATION - No

SYMPTOMS OF OVEREXPOSURE

EYE - Irritation

SKIN - May produce some irritation on prolonged exposure.

INHALATION - Irritation of throat and nasal mucous membranes.

INGESTION - Irritation of G.I. tract mucous membranes.

CONDITIONS AGGRAVATED BY EXPOSURE - May produce an allergic response on repeated exposure to aerosols.

FIRST AID

SKIN: Wash all exposed areas with soap and water.

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

INHALATION: Do not spray in the air. If an aerosol is formed, leave area immediately and start exhaust or open window. Do not return until aerosol has been removed.

INGESTION: Drink large quantity of water or fruit juice. DO NOT INDUCE VOMITING. If gastric distress develops, see a doctor.

SPILL SAFETY: Stop leak, flush area with excess water.

DISPOSAL INFORMATION: Flush diluted material to sewer.

STORAGE AND HANDLING: Store in a cool 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

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VENTILATION:

GENERAL MECHANICAL - X

LOCAL -

SPECIAL - None required

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PROTECTIVE EQUIPMENT REQUIRED:

RUBBER GLOVES - X

RUBBER APRON -

RUBBER BOOTS -

CHEMICAL SPLASH GOGGLES -

FACE SHIELD -

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SHIPPING INFORMATION:

DOT LABEL - None required

U.N. NUMBER - None required

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SPECIAL INFORMATION:

N/A = NOT APPLICABLE

N/K = NOT KNOWN

N/D = NOT DONE

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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

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