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VERSION: 1

1. IDENTIFICATION

PRODUCT IDENTIFIER

PRODUCT NAME FS SOFT

OTHER MEANS OF IDENTIFICATION

Product Code D5-SOFT

Recommended Uses Laundry fabric-softener

Restrictions on Use For Industrial and Institutional Use Only

SDS-SUPPLIER INFORMATION

SUPPLIER ADDRESS E-ZOIL Products, Inc.
DBA Emulso
2750 Kenmore Avenue
Tonawanda, NY 14150

EMERGENCY TELEPHONE NUMBER

COMPANY PHONE NUMBER (716) 854-2889

COMPANY FAX NUMBER (716) 854-2809

24-HOUR EMERGENCY TELEPHONE (ACCOUNT #8686)

NORTH AMERICA 1-800-633-8253

INTERNATIONAL PERS 1-801-629-0667

2. HAZARDS IDENTIFICATION

CLASSIFICATION

Not dangerous according to the Globally Harmonized System (GHS)

SIGNAL WORD N/A

HAZARD STATEMENTS

No hazard statements

APPEARANCE Liquid

PHYSICAL STATE Liquid

PRECAUTIONARY STATEMENTS

PREVENTION Not Applicable

RESPONSE See Safety Data Sheet Section 4: "FIRST AID MEASURES" for additional information.



Safety Data Sheet

IF EXPOSED/CONCERNED Get medical advice/ attention.

STORAGE Store locked-up. Keep away from children.

DISPOSAL Dispose of contents/container to an approved waste disposal plant.

HAZARDS NOT OTHERWISE CLASSIFIED (HNOC) N/A

3. COMPOSITION/INFORMATION ON INGREDIENTS

CHEMICAL NAME	CAS NUMBER	WEIGHT - %
Water	7732-18-5	60-100
Fragrance	PROPRIETARY	1-5
Isopropanol	67-63-0	1-5

If Chemical Name/CAS No is "proprietary" and/or Weight-% is listed as a range, the specific chemical identity and/or percentage of composition has been withheld as a trade secret.

4. FIRST-AID MEASURES

DESCRIPTION OF FIRST AID MEASURES

GENERAL ADVICE Provide this SDS to medical personnel for treatment.

EYE CONTACT Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical attention.

SKIN CONTACT Wash with soap and water. If skin irritation occurs: Get medical attention.

INHALATION Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a poison control center or physician if you feel unwell.

INGESTION Rinse mouth. Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Get medical attention if you feel unwell.

POTENTIAL ACUTE HEALTH EFFECTS

Most important symptoms and effects, both acute and delayed

SYMPTOMS Causes skin irritation. Causes serious eye damage.

NOTES TO PHYSICIAN Treat symptomatically

5. FIRE-FIGHTING MEASURES

SUITABLE EXTINGUISHING MEDIA Product does not support combustion. Use extinguishing agent suitable for type of surrounding fire

UNSUITABLE EXTINGUISHING MEDIA None known

HAZARDOUS COMBUSTION PRODUCTS May include Carbon monoxide Carbon dioxide and other toxic gases or vapors.

SPECIFIC HAZARDS ARISING FROM CHEMICAL Dried product is capable of burning. Combustion products are toxic.

PROTECTIVE EQUIPMENT AND PRECAUTIONS FOR FIRE-FIGHTERS

Wear MSHA/NIOSH approved self-contained breathing apparatus (SCBA) and full protective gear. Cool fire-exposed containers with water spray.

6. ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES

PERSONAL PRECAUTIONS Avoid contact with skin, eyes or clothing. Use personal protective equipment as required.

ENVIRONMENTAL PRECAUTIONS Do not rinse spill onto the ground, into storm sewers or bodies of water.

METHODS AND MATERIALS FOR CONTAMINATION AND CLEAN-UP

CONTAMINATION Prevent further leakage or spillage is safe to do so

CLEAN-UP Prevent further leakage or spillage if safe to do so. Contain and collect spillage with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations (see Section 13).

7. HANDLING AND STORAGE

PRECAUTIONS FOR SAFE HANDLING

PROTECTIVE MEASURES Handle in accordance with good industrial hygiene and safety practice. Wash thoroughly after handling.

CONDITIONS FOR SAFE STORAGE (INCLUDING ANY INCOMPATIBILITIES)

STORAGE CONDITIONS Keep containers tightly closed in a dry, cool and well-ventilated place. Keep out of the reach of children. Keep from freezing.

INCOMPATIBLE MATERIALS None known based on information supplied.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

EXPOSURE GUIDELINES

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Isopropanol 67-63-0	STEL: 400 ppm TWA: 200 ppm	TWA: 400 ppm TWA: 980 mg/m ³ (vacated) TWA: 400 ppm (vacated) TWA: 980 mg/m ³ (vacated) STEL: 500 ppm (vacated) STEL: 1225 mg/m ³	IDLH: 2000 ppm TWA: 400 ppm TWA: 980 mg/m ³ STEL: 500 ppm STEL: 1225 mg/m ³

ENGINEERING CONTROLS Provide good general ventilation.
If work practices generate dust, fumes, gas, vapors or mists which expose workers to chemicals above the occupational exposure limits, local exhaust ventilation or other engineering controls should be considered.

INDIVIDUAL PROTECTION MEASURES

EYE/FACE PROTECTION Not required with expected use.
SKIN/BODY PROTECTION Not required with expected use.
RESPIRATORY PROTECTION Not required with expected use.
 If occupational exposure limits are exceeded or respiratory irritation occurs, use of a NIOSH/MSHA approved respirator suitable for the use-conditions and chemicals in Section 3 should be considered.
GENERAL HYGIENE Wash hands and any exposed skin thoroughly after handling.
 See 29 CFR 1910.132-138 for further guidance.

9. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE	Liquid
APPEARANCE	Blue Liquid
COLOR	Blue
ODOR	Pleasant
ODOR THRESHOLD	Not determined
pH	4.5-5.0
MELTING POINT/FREEZING POINT	Not determined
BOILING POINT/BOILING RANGE	100 °C / 212 °F
FLASH POINT	> 100 °C / > 212 °F
EVAPORATION RATE	< 1 (Butyl acetate = 1)
FLAMMABILITY (SOLID, GAS)	Not determined
UPPER FLAMMABILITY LIMITS	Not determined
LOWER FLAMMABILITY LIMITS	Not determined
VAPOR PRESSURE	Not determined
SPECIFIC GRAVITY	1.00
RELATIVE DENSITY	Not determined
WATER SOLUBILITY	Not determined
PARTITION COEFFICIENT N-OCTANOL/ WATER	Not determined
AUTO-IGNITION TEMPERATURE	Not determined
DECOMPOSITION TEMPERATURE	Not determined

VISCOSITY Not determined

10. STABILITY AND REACTIVITY

REACTIVITY	This material is considered to be non-reactive under normal conditions of use.
CHEMICAL STABILITY	Stable under recommended storage conditions
POSSIBILITY OF HAZARDOUS REACTIONS	None under normal processing
CONDITIONS TO AVOID	Keep out of reach of children. Extremes of temperature and direct sunlight.
INCOMPATIBLE MATERIALS	Strong oxidizing agents. Strong acids.
HAZARDOUS DECOMPOSITION PRODUCTS	May include carbon monoxide, carbon dioxide (CO ₂) and other toxic gases or vapors.

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure.

EYE CONTACT	Pain and redness.
SKIN CONTACT	Drying of the skin.
INHALATION	Nasal discomfort and coughing.
INGESTION	Pain, nausea, vomiting and diarrhea.

IMMEDIATE, DELAYED, CHRONIC EFFECTS

PRODUCT INFORMATION	Data not available or insufficient for classification.
TARGET ORGAN EFFECTS	Eyes, Respiratory System, Skin.

NUMERICAL MEASURES OF TOXICITY

The following acute toxicity estimates (ATE) are calculated based on the GHS document.

ATE _{mix} (dermal)	1067904 mg/kg
ATE _{mix} (inhalation-dust/mist)	6057 mg/l

COMPONENT ACUTE TOXICITY INFORMATION

CHEMICAL NAME	ORAL LD50	DERMAL LD50	INHALATION LC50
Water	> 90 mL/kg (Rat)	-	-
7732-18-5			
Isopropanol	= 4396 mg/kg (Rat)	= 12800 mg/kg (Rat) = 12870 mg/kg (Rabbit)	= 72.6 mg/L (Rat) 4 h
67-63-0			

SYMPTOMS Please see section 4 of this SDS for symptoms.

CARCINOGENICITY No components present at 0.1% or greater are listed as to being carcinogens by ACGIH, IARC, NTP or OSHA.

12. ECOLOGICAL INFORMATION

ECOTOXICITY Harmful to aquatic life with long lasting effects.

CHEMICAL NAME	ALGAE/ AQUATIC PLANTS	FISH	TOXIC TO MICROORGANISMS	CRUSTACEA
Isopropanol 67-63-0	1000: 96 h Desmodesmus subspicatus mg/L EC50 1000: 72 h Desmodesmus subspicatus mg/L EC50	9640: 96 h Pimephales promelas mg/L LC50 flow- through 1400000: 96 h Lepomis macrochirus µg/L LC50 11130: 96 h Pimephales promelas mg/L LC50 static		13299: 48 h Daphnia magna mg/L EC50

PERSISTENCE AND DEGRADABILITY Not determined

BIOACCUMULATION Not determined

OTHER ADVERSE EFFECTS Not determined

13. DISPOSAL CONSIDERATIONS

WASTE TREATMENT METHODS

WASTE DISPOSAL	Disposal should be in accordance with applicable regional, national and local laws and regulations.
CONTAMINATED PACKAGING	Disposal should be in accordance with applicable regional, national and local laws and regulations.

14. TRANSPORT INFORMATION

DOT

Not regulated

IATA

Not regulated

IMDG

Not regulated

15. REGULATORY INFORMATION

LEGEND

TSCA	United States Toxic Substances Control Act Section 8(B) Inventory
DSL/NDSL	Canadian Domestic Substances List/Non-Domestic Substances List
EINECS/ELINCS	European Inventory of Existing/Notified Chemical Substances
ENCS	Japan Existing and New Chemical Substances
IECSC	China Inventory of Existing Chemical Substances
KECL	Korean Existing and Evaluated Chemical Substances
PICCS	Philippines Inventory of Chemicals and Chemical Substances

U.S. FEDERAL REGULATIONS

SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product contains a chemical or chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.

This product contains the following listed substances:

Isopropanol 67-63-0	only if manufactured by the strong acid process, no supplier notification
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SARA 313/312 HAZARD CATEGORIES

Acute Health Hazard	Yes
Chronic Health Hazard	No
Fire Hazard	No
Sudden release of pressure hazard	No
Reactive Hazard	No

CALIFORNIA PROPOSITION 65

This product does not contain any Proposition 65 chemicals

16. OTHER INFORMATION

	HEALTH HAZARDS	FLAMMABILITY	INSTABILITY	SPECIAL HAZARDS
NFPA	1	0	0	Not determined
	HEALTH HAZARDS	FLAMMABILITY	PHYSICAL HAZARDS	PERSONAL PROTECTION
HMIS	1	0	0	Not determined

DISCLAIMER

The information provided in this Safety Data Sheet is correct to the best of our knowledge at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

END OF SAFETY DATA SHEET