

**MATERIAL SAFETY DATA SHEET****DESTINY®**

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**SECTION I - HAZARDOUS INGREDIENTS IDENTITY AND INFORMATION**

HAZARDOUS COMPONENTS	OSHA	ACGIH	OTHER LIMITS		CAS #	%
			PEL	TLV		
* Proprietary surfactant blend	NDA	NDA			Mixture	10.0%
Proprietary blend of soybean oils	5 mg/m <sup>3</sup>				Mixture	90.0%

\* Hazardous within the meaning of 29 CFR 1910.100

**SECTION II -- PHYSICAL/CHEMICAL CHARACTERISTICS**

BOILING POINT: NDA SP. GR.(H<sub>2</sub>O): 1.02  
 VAPOR PRESSURE (mm Hg): NDA MELTING POINT: NA  
 VAPOR DENSITY: NDA EVAPORATION RATE: NDA  
 SOLUBILITY IN WATER: NDA  
 APPEARANCE AND ODOR: Amber liquid, oil odor.

**SECTION III -- FIRE AND EXPLOSION HAZARD DATA**

FLASH POINT: >200 °F FLAMMABLE LIMITS: NDA  
 EXTINGUISHING MEDIA: Water fog, foam, carbon dioxide, dry chemical  
 SPECIAL FIRE FIGHTING PROCEDURES: Combust ion products similar to burning

UNUSUAL FIRE AND EXPLOSION HAZARDS : Product can burn if exposed to extreme temperatures.

**SECTION IV -- REACTIVITY DATA - STABILITY:**

UNSTABLE CONDITIONS TO AVOID:

STABLE CONDITIONS TO AVOID:

INCOMPATIBILITY (MATERIALS TO AVOID) : Strong oxidizers

HAZARDOUS DECOMPOSITION OR BY PRODUCTS: Oxides of carbon, thick smoke, and fumes.

HAZARDOUS POLYMERIZATION:

MAY OCCUR CONDITIONS TO AVOID:

WILL NOT OCCUR CONDITIONS TO AVOID:

**SECTION V -- HEALTH HAZARD DATA**

HEALTH HAZARDS:

**INHALATION**--There is a possibility that excessive inhalation may affect the respiratory system. The mist is classed as a nuisance particulate by ACGIH. **SKIN**--Sensitive individuals may experience irritation and dermatitis from prolonged contact with skin. **EYES**--Contact with eyes may produce corneal damage.

EMERGENCY AND FIRST AID PROCEDURES:

**INHALATION**--Not normally a hazard. If mist and vapors cause irritation, move to fresh air. Apply artificial respiration if needed.

**EYE CONTACT**--Flush eyes with plenty of water for 15 minutes and seek immediate medical attention.

**SKIN CONTACT**--Wash thoroughly with soap and water. If irritation persists, see a doctor. Wash contaminated clothing before reuse.

**INGESTION**--If ingested, call a doctor. DO NOT INDUCE VOMITING. Do not give, anything by mouth to an unconscious person.

**SECTION VI -- PRECAUTIONS FOR SAFE HANDLING AND USE**

Use with adequate ventilation. Wear eye protection, such as splash goggles or a face shield. Impervious gloves, such as rubber or neoprene are recommended for hand protection. Reduce skin contact by wearing clothing that limits exposure, such as coveralls or long-sleeved shirt and long pants.

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Dike to contain large spills. Absorb with inert material and collect for disposal. Flush spill area with water, taking care not to allow flush water to enter waterways.

WASTE DISPOSAL METHOD: Dispose of spill cleanup material in accordance with all Local, State and Federal regulations.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING: Keep away from excessive

heat and cold.

**SECTION VII -- CONTROL MEASURES -- PROCESS AREAS**

RESPIRATORY PROTECTION: Not normally required.

VENTILATION: Local exhaust recommended when used in confined areas.

PROTECTIVE GLOVES: Impervious.

EYE PROTECTION: Splash goggles or face shield.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: Impervious apron and rubber boots.

WORK/HYGIENIC PRACTICES: Wash hands before eating, smoking or using toilet.

**SECTION VIII -- REGULATORY COMPLIANCE**

THE FOLLOWING INFORMATION MAY BE USEFUL IN COMPLYING WITH VARIOUS STATE AND FEDERAL LAWS ENVIRONMENTAL STATUTES :

REPORTABLE QUANTITY (RQ) , EPA REGULATION 40 CFR 302 (CERLA Section 102):	CHEMICAL	CAS #	RQ	
	1,4-dioxane		123-91-1	100# Current packaging does not contain reportable quantity.
	Ethylene oxide		75-21-8	10# Current packaging does not contain reportable quantity.

THRESHOLD PLANNING QUANTITY (TPQ) , EPA REGULATION 40 CFR 355 (SARA Sections 301-304):

CHEMICAL	CAS #	TPQ
Ethylene oxide		75-21-8 1000#

TOXIC CHEMICAL RELEASE REPORTING, EPA REGULATION 40 CFR 372 (SARA Section 313):

CHEMICAL	CAS #	% BY WEIGHT IN PRODUCT
Glycol ether category		0.8%
1,4-dioxane		123-91-1 Less than 1 ppm
Ethylene oxide		75-21-8 Less than 1 ppm

HAZARDOUS CHEMICAL REPORTING, EPA REGULATION 40 CFR 370 (SARA Sections 311-312):

CHEMICAL	CAS #
Glycol ether category	
1,4-dioxane	123-91-1
Ethylene oxide	75-21-8

HAZARD CLASSIFICATION CODE: HMIS

HEALTH HAZARD	FIRE HAZARD	REACTIVE HAZARD
2	1	0

HAZARD RATING: NFPA

1 FIRE 2 TOXICITY 0 REACTIVITY 0 CORROSIVENESS

HAZARD RATING CODE: 0-None 1-Slight 2-Moderate 3-High U-Unknown

**SECTION IX -- TRANSPORTATION INFORMATION:**

For further information relative to spills resulting from transportation incidents, refer to latest Department of Transportation Emergency Response Guidebook for Hazardous Material Incidents. DOT P 5800.5

DOT IDENTIFICATION: Not regulated RQ: NA

OSHA REQUIRED LABEL INFORMATION: In compliance with hazard and right-to-know requirements, the following OSHA Hazard Warnings should be found on a label, bill of lading or invoice accompanying this shipment: NONE

NOTE: Product label will contain additional non-OSHA related information.

Revision: Format change.

DATE: January 17, 1997 SUPERSEDES: May 4, 1995

The information herein was given in good faith but no warranty, expressed or implied was made. Consult Agrilience, LLC for further information.

NA = Not applicable

NDA = No data available