

# MATERIAL SAFETY DATA SHEET

## SECTION I - PRODUCT IDENTIFICATION

**SUPPLIER:**

Polymer Dynamix, LLC  
665 Martin Street  
Rahway, NJ 07065

PHONE: (732)381-1600  
FACSIMILE: (732)499-8222

Manufacturer: Fine Organics Ltd. (Certified ISO 9001)

Chemical name & synonyms: ERUCAMIDE

Trade name: **FINAWAX-E (ultrafine)**

## SECTION II - INGREDIENTS

<u>MATERIAL</u>	<u>CAS#</u>	<u>%</u>	<u>EXPOSURE CRITERIA</u>
Erucamide-ultrafine	112-84-5	98% min	N/A

## SECTION III - PHYSICAL DATA

Boiling Point: 760 mm Hg	N / A	
Melting point: (ASTM D-127)	80- to 88 C	
Specific Gravity Of active ingredient:	0.87	
Vapor Pressure:	<0.1 kPa(20 C)	
Bulk density lbs/f	N/A	1
Solubility in H <sub>2</sub> O:( % by WT.)	Insoluble	
% volatiles by volume:	N / A.	
Evaporation rate. _____ =1	Negligible	
Appearance and Odor:	Fine white ultrafine, Aliphatic.	

## SECTION IV - FIRE AND EXPLOSION HAZARD DATA

Flash point (and method used):	240° C (COC)
Flammable limits in air:(% by volume)	N / A
Extinguishing media:	Water fog, Foam, CO <sub>2</sub> , Dry chemical .
Special fire fighting procedures:	Do not use heavy stream of water.
Unusual fire and explosion hazard:	None



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## SECTION V - REACTIVITY DATA

Stability (Normal Conditions):	Stable
Incompatibility (Materials to avoid):	Strong oxidizing agents. (Bromine, chromic acid etc.)
Hazardous decomposition products:	Oxides of Carbon Nitrogen.
Hazardous polymerization:	Will not occur.

## SECTION VI - HEALTH HAZARD INFORMATION

Exposure limit:	N / D
Effects of overexposure inhalation:	Remove to fresh air.
Ingestion:	Contact a physician immediately.
Skin or eye contact:	Skin: no effect known. Eye: mild irritant.
<i>Emergency and first aid procedures</i>	
Inhalation:	Expose to fresh air.
Ingestion:	Induce vomiting, consult physician.
Skin:	Wash with mild soap & water.
Eyes:	Flush liberally with water for 15 Min.

## SECTION VII - SPECIAL PROTECTION INFORMATION

Ventilation requirements:	Standard local or mechanical to avoid dust.
Respiratory protection (Specify type):	Use NIOSH/OSHA approved dust mask.
Eye protection:	Safety glasses.
Gloves (Specify type):	Plastic or rubber.
Other protective equipment:	Protective apron.

## SECTION VIII - SPILL OR LEAK PROCEDURES

If material is released or spilled:	Ordinary procedure are adequate. Melted material can cause thermal burns. Can be burned or landfilled.
Waste disposal method:	Dispose off in accordance with all applicable federal, state and local regulations.

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<b>SECTION IX - SPECIAL PRECAUTIONS</b>	
Precautions to be taken in	Keep container closed until ready for use. Avoid long term storage in extreme temperatures.
Other precautions:	Maximum storage temperature 120° F.
Shipping name:	<u>DOT</u> Plastic raw material - Unrestricted <u>IATA</u>

PREPARED BY: V. Mehta

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Supersedes: All previous

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