

MSDS: ECOFRUT		Edition 1	
<b>SECTION 1</b>			
<b>IDENTIFICATION OF THE PRODUCT AND INFORMATION OF THE MANUFACTURER</b>			
COMERCIAL NAME OF THE SUBSTANCE		<b>ECOFRUT</b>	
GENERIC OR COMMON NAME		Emulsion	
NAME OF THE MANUFACTURING		QUIMICAS MUNDIALES	
ADRESS OF THE MANUFACTURER		100mts N VARGAS MATAMOROS AUTOMOBILE GARAGE. LA URUCA	
PHONE No	(506) 2290-3434	FAX No	(506) 2232-0181
EMERGENCY PHONE NUMBERS	(506) 2290-3434 EXT	NATIONAL CENTER OF INTOXICATIONS: 2223-1028	
<b>SECTION II</b>			
<b>COMPOSITION AND INFORMATION ABOUT HAZARDOUS COMPONENTS</b>			
GENERIC OR COMMON NAME OF THE DANGEROUS COMPONENTS		%	CAS No
Fatty acids		10-13	Mixture
polyoxyethylene		1-3	68412-54-4
<b>SECTION III</b>			
<b>IDENTIFICATION OF THE RISKS AND EFFECTS BY EXPOSURE</b>			
EFFECT BY:		DETAIL	
INHALATION		Doesn't give off vapors	
INGESTION		Produce daño del tractodigestivo	
CONTACT WITH EYES		Produce minor irritation	
CONTACT WITH SKIN		There's no evidence	
CARCINOGENICITY		There's no evidence	
MUTAGENICITY		There's no evidence	
TERATOGENICITY		There's no evidence	
NEUROTOXICITY		There's no evidence	
REPRODUCTIVE SYSTEM		There's no evidence	
SOFT ORGANS		Digestive Tract	
<b>SECTION IV</b>			
<b>FIRST AIDS</b>			
EYE CONTACT	In case of contact with the eyes, wash eyes inmediately with water for 10 minutes. If irritation persists consult an oftamologist.		
CONTACT WITH SKIN	Wash with soap and water.		
INHALATION	Doesn't give off dangerous vapors.		
INGESTION	Provoke vomit. Call inmediately for a doctor. If it's an emergency call the National Center of Intoxications to (506)2223-1028 and show this indications		
RECOMMENDED ANTIDOTE	Non-toxic product.		
DOCTOR'S INFORMATION	Present the label of the product or show this indications.		
<b>SECTION V</b>			
<b>FIRE AND EXPLOSION HAZARD DATA</b>			
INFLAMMABILITY POINT	Doesn't apply		
EXTINGUISHING AGENTS	Chemical powder or dry ice		
PROTECTIVE EQUIPMENT TO FIGHT AGAINST FIRE	Complete equipment with independent respiration system o SCBA		
DANGEROUS PRODUCTS BY COMBUSTION	Carbon dioxide, carbon monoxide and sodium oxides.		
<b>SECTION VI</b>			
<b>MEASURES IN CASE OF A SPILL OR LEAK</b>			
SPILLS		LEAKS	
If it's a small leak mix it with absorbent material.		Keep away the persons not participating in the	

Pick it up with a shovel and place it in a labeled container as waste product. Throw it away according to MINAE'S decree law 2700. If the spill is very big call the Firemen.	recolection of the spill.Offer appropriate protection equipment to the personnel involved.
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<b>SECTION VII</b>	
<b>STORAGE AND HANDLING PRECAUTIONS</b>	
STORAGE TEMPERATURE	Not superior than 52 °C
STORAGING CONDITIONS	Store with the lid correctly closed. On ventilated area. Keep away from children.
CONTAINER DISPOSAL	Keep packages well labeled. Rinse properly with clean water three times before recycling.
EFFECTS OF SUNLIGHT EXPOSURE, HEAT, HUMID ATMOSPHERES, ETC.	Protect from flames or open fires.
<b>SECTION VIII</b>	
<b>CONTROL OF EXPOSITION AND PERSONAL PROTECTIVE EQUIPMENT</b>	
VENTILATION CONDITIONS	No problem
PROTECTIVE RESPIRATORY EQUIPMENT	No problem
PROTECTIVE EYE EQUIPMENT	Safety glasses
PROTECTIVE SKIN EQUIPMENT	No problem
CONTROL DATA TO EXPOSITION (TLV, PEL,STEL)	There is no data
<b>SECTION IX</b>	
<b>PHYSICAL AND CHEMICAL PROPERTIES</b>	
SMELL AND APPEARENCE	Soft, white emulsion
SPECIFIC GRAVITY	0.990 g/mL
SOLUBILITY IN WATER AND OTHERS SOLVENTS	Completely dispersable in water
FUSION POINT	Doesn't apply
BOILING POINT	Doesn't apply
pH	7-8
<b>SECTION X</b>	
<b>STABILITY AND REACTIVITY</b>	
STABILITY	Stable
INCOMPATIBILITY	Stable
HAZARDOUS POLYMERIZATION	None
PRODUCTS OF THE DESCOMPOSITION DANGEROUS	Carbon dioxide, carbon monoxide and sodium oxides
<b>SECTION XI</b>	
<b>TOXICOLOGY INFORMATION</b>	
MEDIUM LETHAL ORAL AND DERMIC DOSIS (DL <sub>50</sub> )	Non toxic
MEDIUM LETHAL BY INHALATION DOSIS (CL <sub>50</sub> )	Non toxic
<b>SECTION XII</b>	
<b>INFORMATION ABOUT THE EFFECTS OVER THE ENVIROMENT (ECOLOGY)</b>	
Product non pollutant or dangerous	
<b>SECTION XIII</b>	
<b>CONSIDERATIONS ABOUT THE FINAL DISPOSITION OF THE PRODUCT</b>	
The unloading, elimination or treatment can be regulated by MINAE'S decree law N° 27007.	
<b>SECTION XIV</b>	

<b>INFORMATION ABOUT ITS'S TRANSPORTACION</b>
Non dangerous product CLASS 9, miscellaneous
<b>SECTION XV</b>
<b>REGULATORY INFORMATION</b>
None
<b>SECTION XVI</b>
OTHER INFORMATION: None



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