

TWIN RIVERS TECHNOLOGIES, L.P.

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MATERIAL SAFETY DATA SHEET

SECTION I IDENTITY		REV.DATE	8/1/2003
TRADE NAME			
TRTC-6040 TALLOW LAURIC FATTY ACID			
CHEMICAL IDENTITY		CAS Number	
FATTY ACIDS C14-18 and C16-18 unsaturated		67701-06-8	
FATTY ACIDS C8-18 and C18 unsaturated		67701-05-7	

SECTION II PHYSICAL DATA			
BOILING POINT		SPECIFIC GRAVITY (H2O = 1.0)	
@760mmHg	Over 500 Deg. F.	@ 49 / 25 C	0.88
VAPOR PRESSURE		PERCENT VOLATILE BY VOLUME	
@72 Deg.F.	Less than 1 mm		Not Known
VAPOR DENSITY		EVAPORATION RATE	
	Not known		Not Known
SOLUBILITY IN WATER			
@72 Deg.F.	Negligible		
APPEARANCE & ODOR			
@72 Deg.F.	Water white to yellowish solid; oily odor		

SECTION III FLAMMABILITY & EXPLOSIVENESS DATA			
FLASH POINT (METHOD)		EXPLOSIVE LIMITS	
319 Deg. F. (PMCC)		UPPER	N/A LOWER N/A
EXTINGUISHING MEDIA	Use CO2 or dry chemical for small fires.		
SPECIAL FIRE FIGHTING PROCEDURES	Use foam for large fires.		
UNUSUAL FIRE AND EXPLOSION HAZARDS	None		

SECTION IV HEALTH & SAFETY DATA	
THRESHOLD LIMIT VALUE	Not established
EFFECTS OF OVER EXPOSURE	Accidental exposure to the eyes will cause only a mild but transient irritation. Mild, primary skin irritation with prolonged or repeated contact.
EMERGENCY & FIRST AID PROCEDURES	If instilled in the eyes, rinse thoroughly with water. Avoid prolonged contact with skin.

DATA SUPPLIED IS FOR USE ONLY IN CONNECTION WITH OCCUPATIONAL SAFETY AND HEALTH

TRTC-6040 FATTY ACID

SECTION V REACTIVITY DATA			
STABILITY	UNSTABLE		CONDITIONS TO AVOID
	STABLE	X	
INCOMPATIBILITY (materials to avoid)			
Avoid strong oxidizing agents			
HAZARDOUS DECOMPOSITION PRODUCTS			
Does not decompose up to 400 Deg.F.			
HAZARDOUS POLYMERIZATION	MAY OCCUR		CONDITIONS TO AVOID
	WILL NOT OCCUR	X	

SECTION VI SPILL OR LEAK PROCEDURES
STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED
Neutralization is not required. Soak up with absorbent material such as paper, rags, or sawdust. Dispose as any grease or oily material.
WASTE DISPOSAL METHOD
Dispose of according to Federal, State, and / or Local regulations.

SECTION VII PROTECTION INFORMATION			
RESPIRATORY PROTECTION			
None required			
VENTILATION	LOCAL EXHAUST		SPECIAL
	MECHANICAL (general)	Acceptable	OTHER
EYE PROTECTION		PROTECTIVE GLOVES	
Safety glasses		Rubber or plastic	
OTHER PROTECTIVE EQUIPMENT			
Have eye bath and safety shower nearby.			

SECTION VIII PRECAUTIONS
HANDLING AND STORAGE
Should be stored in resin-lined steel, aluminum, stainless steel, or reinforced fiberglass vessels.
LABELING
None required
OTHER
Heated products may cause thermal burns if contacted.

The submission of this MSDS may be required by law but this is not an assertion that this substance is hazardous when used in accordance with proper safety practices and normal handling procedures.