Material Safety Data Sheet - Coolube 5500

Effective 1-1-03

SECTION I - GENERAL INFORMATION

Company Name:	UNIST, Inc.	Emergency Phone:	(616) 949-0853
Trade Name:	Coolube 5500	Chemical Family:	Triglyceride and Propylene glycol ester
Chemical Name:	Triglycerol & Propylene glycol esters of C8 & C10 acid		

SECTION II - HAZARDOUS INGREDIENTS

Hazardous Components	Cas Number	Percent	Threshold Limit Value
None			

SECTION III - PHYSICAL DATA

Appearance:	Clear Colorless Liquid	Vapor Pressure:	<1mmHg @ 25° C	Odor:	Neutral Odor
Vapor (air=1):	Nil (Air=1)	Specific Gravity:	.93 @ 25° C (Water=1)	Water Solubility:	Insoluble
Boiling Point:	Not Determined	Melting Point:	Not Determined	Viscosity:	16cs @ 25° C
Evaporation Rate:	Nil (N-Butyl Acetate=1)				

SECTION IV - FIRE AND EXPLOSION

Flashpoint:	>400° F (COC)
Extinguishing Media:	Dry chemical or waterspray or waterfog, carbon dioxide, foam or sand/earth.
Flammable Limits:	No data available
Special Firefighting Procedures:	Treat as fat or oil fire. Do not use heavy stream of water. Fatty material will float and splatter surrounding area
Unusual Fire/Explosive Hazards:	None

SECTION V - HEALTH HAZARD DATA

Skin:	Contact with skin not expected to cause serious irritation.
Eyes:	Contact with eyes not expected to cause serious irritation.
Ingestion:	Not intended for human consumption.
Inhalation:	Vegetable oil mists are classified as "nuisance particulates" by the American Conference of Governmental Industrial Hygientists (no health effects reported).

SECTION VI - FIRST AID

If in Eyes:	Immediately flush with large quantities of water for at least 15 minutes and contact a physician.
If on Skin:	Wash with soap and warm water.
If Swallowed:	If gastrointestinal discomfort is encountered, contact a physican.
If Breathing:	Remove person to fresh air.

SECTION VII - REACTIVITY DATA

Stability:	Stable	Incompatibility/Material to Avoid:	Strong Oxidizing Agents
Hazardous Polymerization:	Will not occur	Hazardous Decomposition:	Carbon Monoxide and Dioxide
Conditions to Avoid:	High temperatures near flash point		

SECTION VIII - SPILL OR LEAK PROCEDURES AND WASTE DISPOSAL METHOD

Spill Procedure: Stop spill at source, dike area of spill to prevent spreading. Pump liquid to salvage tank. Absorb liquid on solid absorbent material and shovel into comtainers. Prevent run-off to sewers, streams or other bodies of water. Wash floors with detergent and rinse with hot water to prevent slipping.

Waste Disposal: Incineration is the recommended disposal method for all chemical wastes. Material collected on absorbent material may be landfilled in accordance with applicable Local, State, and Federal regulations.

SECTION IX - EMPLOYEE PROTECTION

Hand Protection:	Neoprene type for hot oil.
Eye Protection:	Chemical splash goggles are recommended.
Respiratory Protection:	In the presence of vegetable oil mists or dusts, use of a NIOSH/OSHA approved mask and/or respirator is recommended
Ventilation:	Local, if necessary to control dust or fumes from hot material.

SECTION X - OTHER INFORMATION

This Product (or components, if a mixture) has not been found to be a carcinogen or potential carcinogen by IARC; is not listed in the NTP Third Annual Report; nor is it regulated by OSHA as a carcinogen.

The information presented herein has been compiled from sources considered by the company, in good faith, to be dependable and is accurate and reliable to the best of our knowledge and belief. However, the company cannot make any warranty or representation respecting the accuracy or completeness of the data and assumes no responsibility for any liability or damages relating thereto or for advising you regarding the protection of your employees, customers, or others. Users should make their own test to determine the applicability of such information or suitability of any products for specific use.

UNIST, Inc. - 4134 36th Street SE - Grand Rapids, Michigan 49512 - (616) 949-0853 - (800) 253-5462 Fax: (616) 949-9503