

Material Safety Data Sheet

Material Name: MasterChem Ultra 100 Ester- MT3024
MSDS NO. MSDS0012
Revised Date: 08/29/03

1. PRODUCT AND COMPANY IDENTIFICATION

Trade Name	MasterChem Ultra 100 Ester- MT3024
Manufacturer / Supplier	Santech Industries, Inc.
Address	2450 Handley Ederville Rd. Ft.Worth, TX 76118 USA
Phone Number	1-817-589-1212
Fax Number	1-817-589-5900
Emergency Phone Number	1-800-424-9300 (Chemtec)

2. COMPOSITION / INFORMATION ON THE COMPONENTS

Contains no ingredients now known to be hazardous as defined by OSHA. Castrol is registered in the U.S Patent and Trademark Office.

3. HAZARD IDENTIFICATION

Emergency Overview:	Caution: Harmful if swallowed. This material is irritating to skin, eyes and mucous membranes. Ingestion of this product may cause gastrointestinal distress with symptoms and abdominal pain.
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4. FIRST AID MEASURES

First Aid - Eyes	In case of contact, immediately flush eyes with plenty of water for at least 15 minutes and get medical attention if irritation persists.
First Aid - Skin	Remove contaminated clothing and launder before reuse. Get medical attention if irritation persists. Wash with soap and water. Use skin cream for defatted areas.
First Aid - Ingestion	DO NOT INDUCE VOMITING. Give nothing by mouth. Get medical attention! If vomiting occurs, keep head lower than hips to prevent aspiration.
First Aid - Inhalation	If inhaled, remove to fresh air. If not breathing give artificial respiration, preferably mouth-to-mouth. If breathing is difficult give oxygen. Get medical attention.
Advice to Physicians	Do not induce Vomiting. Get medical attention

5. FIRE FIGHTING MEASURES

Flammable Properties

Flash Point °F (°C):	>450 F. (>232 C.)
Flash Point Method	COC
Flammable Limits in Air - Lower (%)	Not Determined
Flammable Limits in Air - Upper (%)	Not Determined
Autoignition Temperature °F (°C):	Not Determined
Extinguishing Media:	Carbon dioxide. Dry chemical. Foam

Protection Of Fire-Fighters:

Special Fire-Fighting Procedures:	Wear approved positive-pressure self-contained breathing apparatus and protective clothing. Do not direct a solid stream of water or foam into hot, burning pools; this may cause frothing and increase fire intensity.
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Hazardous Combustion Products:	Oxides of carbon, nitrogen and phosphorus.
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Aerosol Comments:	Not Applicable
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6. ACCIDENTAL RELEASE MEASURES

Personal Precaution	Wear appropriate protective clothing and equipment to prevent skin and eye contact.
Spillages	Wear protective equipment specified. Contain any liquid from leaking containers. Absorb spills on inert material such as perlite, vermiculite, sand and dirt. Place in double polyethylene bags. Isolate from other waste materials. Wash walking surfaces with detergent and water to reduce slipping hazard.
Environmental Precautions	Do not allow to enter sanitary drain, sewer or surface and subsurface waters.

7. HANDLING AND STORAGE

Handling and Storage:	Avoid contact with eyes. Keep containers tightly closed when not in use. Use only in a well ventilated area. Good hygienic practices should be observed. Work clothes should be washed separately at the end of each work day. Disposable clothing should be discarded with material. Wash thoroughly after handling. Do Not Swallow. Store at room temperature. Avoid prolonged/repeated breathing of vapors, mists or fumes.
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8. EXPOSURE CONTROL / PERSONAL PROTECTION

Engineering Control:	Eyewash stations. Showers. Use local exhaust.
Eye Protection:	Chemical Goggles; also wear a face shield if splashing hazard exists.
Skin Protection:	Neoprene coated apron or clothing.
Respiratory Protection:	Appropriate respiratory shall be worn when applied engineering controls are not adequate to protect against inhalation exposure.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Clear, yellow solution		
Odor:	MILD	pH Value:	Not Determined
Vapor Pressure:	Not Determined	Vapor Density(Air=1)	Not Determined
Boiling Point (°F):	>392 F.	Melting/Freezing Point:	Not Determined
Solubility in Water:	INSOLUBLE	Bulk Density at 20°C:	Not Determined
Molecular Weight:	Mixture	Evaporation Rate:	Not Determined
Viscosity:	Not Applicable	Specific Gravity (H2O=1)	.9500 @ 60F
VOC Content (%)	Not Determined	Decomposition Temperature:	Not known

10. STABILITY AND REACTIVITY

Chemical Stability	Stable under normal conditions of handling, use and transportation.
Conditions to Avoid	High temperatures.
Materials to Avoid	Strong oxidizing agents, Strong acids and bases.
Hazardous Decomposition	Oxides of nitrogen Oxides of carbon, Oxides of phosphorus.
Hazardous Polymerization	Not Determined

11. TOXICOLOGICAL INFORMATION

Toxicological Data:

Carcinogenicity:

12. ECOLOGICAL INFORMATION

Ecological testing has not been conducted on the product.

13. DISPOSAL

Waste Classification: This product as purchased does not fall under current U.S. EPA RCRA definitions of hazardous waste. Under RCRA it is the generator's responsibility to determine the status of the waste at the time of its disposal. This product does not contain any CERCLA regulated materials.

Waste Management: Not Determined

Disposal of this product to the land may be banned by federal law (40 CFR 268).

14. TRANSPORT INFORMATION

U.S DOT:

Proper Shipping Name: Not Regulated
Hazard Class: Not Applicable
UN/NA Number: Not Applicable
DOT Packing Group Not Applicable

IMDG:

Proper Shipping Name: Not Regulated
Hazard Class: Not Applicable
Hazard Subclass: Not Applicable
UN No.: Not Applicable
Packing Group: Not Applicable
Marine Pollutant: No

15. REGULATORY INFORMATION

US Federal Regulation:

SARA 311/312 Hazard

Catagories: Immediate Delayed

State Regulations:

U.S. TSCA: The components of this product are listed on this TSCA inventory.

16. OTHER INFORMATION

General Notes: Do not allow undiluted material or large quantities to reach groundwater, bodies of water or sewer system.

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