

Grounds
Fertilizer



Material Safety Data Sheet
May be used to comply with
OSHA's Hazard Communication Standard,
29 CFR 1910.1200. Standard must be
consulted for specific requirements.

CHEMLAWN
USES

U.S. Department of Labor
Occupational Safety and Health Administration
(Non-Mandatory Form)
Form Approved
OMB No. 1218-0072

IDENTITY (As Used on Label and List)
Tyler Blended Liquid Fertilizer

Note: Blank spaces are not permitted. If any item is not applicable, or no information is available, the space must be marked to indicate that.

Section I

Manufacturer's Name Tyler Enterprises, Inc.	Emergency Telephone Number (815) 423-5551
Address (Number, Street, City, State, and ZIP Code) Rt 53 South P.O. Box 365	Telephone Number for Information (815) 423-5551
Elwood, IL 60421	Date Prepared 2/20/91
	Signature of Preparer (optional)

Section II - Hazardous Ingredients/Identity Information

Hazardous Components (Specific Chemical Identity; Common Name(s))	OSHA PEL	ACGIH TLV	Other Limits Recommended	% (optional)
Common Ingredients:				
Prilled Urea	46-0-0	None	None	None
Ammonium Polyphosphate	10-34-0	None	None	None
Soluble Muriate of Potash	0-0-62	None	None	None
Optional Ingredients:				
Soluble Sulphate of Potash	0-0-50	None	None	None
Formolene	30-0-1	None	None	None
Anthio	12-0-0-26s	None	None	None
Coron	28-0-0	None	None	None

Balance: Water (H₂O), Trace Impurities

Section III - Physical/Chemical Characteristics

Boiling Point Loses H ₂ O @ 212°	Specific Gravity (H ₂ O = 1) 1.40 to 1.44
Vapor Pressure (mm Hg) N/A	Melting Point (°F) -15
Vapor Density (AIR = 1) N/A	Evaporation Rate (Butyl Acetate = 1) N/A
Solubility in Water Complete	
Appearance and Odor Clear dark green liquid with ammonia odor	

Section IV - Fire and Explosion Hazard Data

Flash Point (Method Used) Non Flammable	Flammable Limits N/A	LEL N/A	UEL N/A
Extinguishing Media N/A			
Special Fire Fighting Procedures Wear full protective clothing and self contained breathing apparatus			

Unusual Fire and Explosion Hazards
Releases ammonia and nitrous oxide fumes

(Reproduce locally)

Section V — Reactivity Data

Stability	Unstable	X	Conditions to Avoid	N/A
	Stable			

Incompatibility (Materials to Avoid) **None Listed**

Hazardous Decomposition or Byproducts

Decomposes to release ammonia at high temperatures

Hazardous Polymerization	May Occur	X	Conditions to Avoid	None
	Will Not Occur			

Section VI — Health Hazard Data

Route(s) of Entry: Inhalation? **Unlikely** ; Skin? **Unlikely** ; Ingestion? **Unlikely**

Health Hazards (Acute and Chronic) **None known**

Carcinogenicity: NTP? **Not listed** ; IARC Monographs? **Not listed** ; OSHA Regulated? **Not listed**

Signs and Symptoms of Exposure **Redness of skin, irritation of eyes**

Medical Conditions Generally Aggravated by Exposure **Will cause burning sensation of open cuts and sores**

Emergency and First Aid Procedures **If ingested-dilute by drinking large quantities of water, contact poison control center. Inhalation-remove to fresh air. Skin-flush skin with water. Eyes- with plenty of water.**

Section VII — Precautions for Safe Handling and Use

Steps to Be Taken in Case Material is Released or Spilled **Dike to contain spilled material. Prevent large quantities from contacting vegetation and waterways.**

Waste Disposal Method **If uncontaminated, recover and reuse product. Consult state or federal environmental regulatory agencies for acceptable procedures and location.**

Precautions to Be Taken in Handling and Storage **For eyes-tight fitting goggles should be worn during transfer material. For skin-long sleeved shirt and impervious(rubber) gloves should be worn.**

Other Precautions **None**

Section VIII — Control Measures

Respiratory Protection (Specify Type) **Use NIOSH/MSHA approved respiratory protection equipment.**

Ventilation	Local Exhaust	Apply outdoors only	Special	None
	Mechanical (General)	None required	Other	None

Protective Gloves **Wear impervious gloves as required** ; Eye Protection **Use goggles if contact is likely**

Other Protective Clothing or Equipment **Long sleeved shirts are recommended**

Work/Hygiene Practices **Wash hands with soap and water after handling**