



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.

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)
Chester

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

Manufacturer's Name: Ambassador IXL Manufacturing, Inc.	Emergency Telephone Number: 1-800-872-4951
Address (Number, Street, City, State, and ZIP Code): 1930 WEST 3350 SOUTH ROY UTAH 84067	Telephone Number for Information: 800-872-4951
	Date Prepared: 02/01/09
Chemical Name: Bacterial Inoculant for Biological Wastewater Treatment	Signature of Preparer (optional):
Microbial Formulation:	The product formulation consists of naturally occurring microorganisms.

SECTION II — Hazardous Ingredients/Identity Information

Basic Material	CONTAINS - No Hazardous Substances.
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SECTION III — Physical/Chemical Characteristics

Boiling Point(°F):	212 (760 mmHg) (Apx.)
Freezing Point:	N/A
Vapor Pressure:	24.00 (Apx.)
Specific Gravity:	1.0 (Apx.)
% Volatiles by Volume:	N.A.
Evaporation Rate:	N.K.
Appearance	Turbid Water
Odor:	No Odor
Solubility in Water:	Soluble

SECTION IV — Fire and Explosion Hazard Data

Flash Point:	N.A.	Method Used:	
Flammable Limits:	N.A.	UEL	N.A.
Extinguisher Media:	Water, Fog, Foam		
Special Fire Fighting Procedures:	None		
Unusual Fire & Explosion Hazards:	Stable below 1000°F. Use NIOSH/OSHA approved pressure self-contained breathing apparatus when materials is involved in fire.		

SECTION V — Physical Hazards (Reactivity Data)

Stability:	Stable
Incompatibility (Material to Avoid):	N.K.
Hazardous Decomposition of By-products:	This product does not undergo spontaneous decomposition. Typical combustion products are carbon, carbon dioxide, nitrogen and water.
Hazardous Polymerization:	Will not occur.

SECTION VI — Health Hazard Data

Toxicology - (Acute Studies)

- o Rat oral LD50 is greater than 5 g/Kg of body weight; as evidenced by no observed mortality after rats were dosed with 5 g/Kg at a concentration of 500 mg Chester-55/ml of water and a dose volume of 10 ml/Kg of body weight.
- o Rabbit dermal LD50 is greater than 2g/Kg of body weight; as evidenced by no observed mortality after rabbits were exposed to the test material applied to abraded and non-abraded occluded skin for 24 hours. No severe dermal effects were reported at the dose site.
- o Eye irritation in rabbits was reported as slight. Highest observed scores out of a possible score of 110 were: 1 hour (12); 24 hours (8); 48 hours (4); 72 hours (4); 4 days (2); 7 days (2); 10 days (2); 14 days (2).
- o Rat inhalation of the test material at an average analytical exposure concentration of 1.2 mg/l of Chester-55 (nominal concentration of 37 mg/l) for 6 hours produced no mortality.

CHRONIC HEALTH HAZARDS:

- o Although chronic studies using Chester are not available, inhalation of this product should be prevented, due to unknown long term effects.

SPECIAL NOTES: Not for human and animal consumption.

Emergency First Aid Procedures

Eye Contact: Flush eyes with sterile water until irritation subsides or stops.

Skin Contact: Wash with soap and water.

Inhalation: Although not an acute hazard as tested in rates, chronic effects are unknown. Upon prolonged or repeated respiratory contact, see a physician.

Ingestion: Low order or toxicity. Upon ingestion, induce vomiting and contact a physician.

SECTION VII — Special Precautions for Safe Handling and Use

Precaution in Handling & Storage:	No Hazard.
If Released or Spilled:	Wash away with plenty of water.
Waste Disposal Methods:	Use normal liquid waste methods in conformance with pertinent federal, state and local regulations.
General Precautions:	Treat as you would any chemical or biological material. Always WASH HANDS thoroughly after use.
Special Precautions:	This product is not intended for human or animal consumption.

SECTION VIII — Additional Information

NOTICE

The information given and the recommendations made herein apply to our product(s) alone and not in combination with any other product(s). Such information and recommendations are based on our research and on data from other reliable sources and are believed to be accurate but no guaranty of their accuracy is made. In every case; we urge and recommend that purchasers, before using any product, make their own tests to verify this data under their operating conditions and to determine to their own satisfaction whether the product is suitable for their particular purposes.

THE PRODUCT(S) DISCUSSED HEREIN ARE SOLD WITHOUT ANY WARRANTY AS TO MERCHANT ABILITY OF FITNESS FOR A PARTICULAR PURPOSE OR ANY OTHER WARRANTY, EXPRESSED OR IMPLIED.



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