

MATERIAL SAFETY DATA SHEET**SECTION I PRODUCT IDENTIFICATION**

PRODUCT NAME: Wilclear Plus[®] Lactate with Accelerite[®]
PRODUCT USE: Bioremediation
SUPPLIER: JRW Bioremediation, LLC
 14321 W. 96th Terrace
 Lenexa, KS 66215
 913-438-5544
EMERGENCY TELEPHONE: 800-779-5545 (24 hrs)
DATE PREPARED: 2-9-2011

SECTION II COMPOSITION/INFORMATION ON INGREDIENTS

Name	CAS #	% by Weight
Sodium lactate	72-17-3	29%
Sodium propionate	137-40-6	0-8%
Sodium acetate	127-09-3	0-8%
Sodium butyrate	156-54-7	0-8%
Carbohydrates & fermentation metabolites	68476-78-8	21%
Water	7732-18-5	39%

SECTION III PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling point: > 100°C
Vapor pressure (Mg Hg): Not determined
Vapor density (air = 1): Not determined
Solubility in water: Completely soluble
Appearance and odor: Light brown liquid
Specific gravity (H₂O = 1): > 1
Melting point: Not determined
Evaporation rate: Not determined
pH: Not determined

SECTION IV FIRE AND EXPLOSION HAZARD DATA

Flash point: Not determined
Flammable limits: Not determined
LEL: Not determined
UEL: Not determined
Extinguishing media: Water, carbon dioxide, or dry chemical.
Special Fire Fighting procedures: Standard procedure for chemical fires.
Unusual Fire Fighting hazards: Thermal decomposition may lead to release of irritating gases and vapors.

SECTION V REACTIVITY DATA

Stability: Unstable Stable X
Conditions to avoid: Avoid temperatures above 150°C

Incompatibility (materials to avoid): Fermentation can occur when diluted with water.
 Hazardous decomposition or byproducts: Thermal decomposition may lead to release of irritating gases and vapors.

Hazardous polymerization: May Occur Will Not Occur X

SECTION VI HEALTH HAZARD DATA Based on concentration as sold

Route/s of Entry:

Inhalation: Inhalation of mist may cause mild irritation of respiratory system. Move to fresh air.

Skin contact: Dermal contact with liquid may cause mild irritation. Remove all contaminated clothes, and wash skin with soap and water.

Eye contact: Mild irritation upon contact. Rinse immediately with plenty of water for at least 15 minutes, lifting eyelids to facilitate irrigation. Get medical attention if necessary.

Ingestion: If swallowed, get medical attention.

Health hazards (acute and chronic): No specific data. Low order of toxicity. The chemical, physical, and toxicological properties have not been thoroughly examined.

Carcinogenicity: Not determined.

Signs and symptoms of exposure: Mild irritation to skin and eyes upon contact; mild irritation to respiratory system upon inhalation.

Medical conditions aggravated by exposure: Not determined.

SECTION VII PRECAUTIONS FOR SAFE HANDLING AND USE

Steps to be taken in case material is released or spilled: Contain spill and place material in drum for disposal. Dispose of according to all local, state, and federal regulations at an approved waste treatment facility.

Precautions to be taken in handling and storage: Use personal protective equipment. Prevent spills and leakage. Keep container tightly closed. Keep in properly labeled containers. Store in a cool, dry area.

Other precautions: No special environmental precautions required. Material is a natural product that readily biodegrades.

SECTION VIII CONTROL MEASURES

Respiratory protection (specify type): No personal respiratory protective equipment normally required in well ventilated areas.

Ventilation: Use adequate mechanical ventilation, especially in confined spaces.

Protective gloves: Rubber gloves.

Eye protection: Safety glasses.

Other protective clothing or equipment: Unnecessary if other control measures are used.

Hygiene practices: Avoid contact with skin. When using, do not eat, drink, or smoke. Remove and wash contaminated clothing before re-use.