Laidlaw Corporation
5326 Industrial Park Road
Metropolis, IL 62960

Date Signed: 3-1-04

Prepared By: John T. Beckman

Transportation: Chemtrec

Emergency: 1-800-424-9300

MATERIAL SAFETY DATA SHEET

I. IDENTIFICATION

PRODUCT NAME: Laidlaw BUFF
CHEMICAL NAME: Solvent Additive
CAS NUMBER: Mixture
EMERGENCY TELEPHONE NUMBER: (618) 524-9394

II. COMPONENTS AND HAZARD INFORMATION

HAZARDOUS COMPONENT	CAS NO. OF COMPONENT	TLV OF COMPONENT	OSHA PEL	APPROXIMATE CONCENTRATION
No Hazardous Components Under 29CFR 1910.1200, NTP, ACGIH, NFPA, IARC				

D.O.T. Hazard Classification: Non-Hazardous

Hazardous Materials Identification System (HMIS)

Health	Flammability	Reactivity	BASIS
1	0	0	Recommended by Laidlaw

TLV for Total Product: Not Established
BASIS: Calculated TLV REF ACGIH

III. PHYSICAL DATA

Boiling Point: Not applicable.
Vapor Density: Not applicable.
Vapor Pressure: Not applicable.
Percent Volatiles: Not applicable.
Specific Gravity: 2.15 (H20=1)
Evaporation Rate: Not applicable.

IV. FIRE AND EXPLOSION DATA

Flash Point (°F TCC): Not applicable.
Extinguishing Media: Water Spray, Carbon Dioxide, Foam, or Dry Chemical.

Special Firefighting Procedures: Wear NIOSH approved self-contained breathing apparatus when in confined areas. Use water to cool fire exposed containers.

Unusual Fire & Explosion Hazards: Firefighters should wear self-contained positive-pressure breathing apparatus and avoid any skin contact with the material.

National Fire Protection Association (NFPA) - Hazard Identification

Health	Flammability	Reactivity	BASIS
1	0	1	Recommended by Laidlaw

V. HEALTH HAZARD DATA

Effects of Overexposure:

Eyes: Dust may cause mild irritation.

Skin: Dust may cause mild irritation and may aggravate existing skin conditions on contact.

Breathing: May cause nasal irritation.

Swallowing: Material is non-toxic. Large doses may produce systemic alkalosis and expansion in extracellular fluid volume with edema.

LAIDLAW BUFF

First Aid Procedures:

Swallowing: If swallowed, do not induce vomiting. Give large quantities of water or milk. Seek medical attention immediately.

Skin: Wash with water for 15 minutes.

Inhalation: Remove victim to fresh air.

Eyes: Flush eyes with large amounts of water for several minutes. Seek medical attention immediately.

Health studies have shown that health risks vary from person to person. As a precaution exposure to liquids, vapors, misty fumes or dust should be minimized.

VI. REACTIVITY DATA

Hazardous Polymerization: Will not occur.

Stability: Stable.

Incompatibility: Acids. Corrosive Caustic Soda may be produced when mixed with lime dust and water.

Hazardous Decomposition Products: Heating above 228˚ F may cause dangerous levels of carbon dioxide gas. Above 1564˚F will cause yield of sodium oxide.

VII. SPILL OR LEAK PROCEDURES

Steps to be taken in case material is released or spilled:

If material is spilled, sweep into suitable disposal drum and flush with water. If material cannot be salvaged, the preferred method of disposal is in a secure chemical landfill in accordance with all local, state, and federal regulations.

VIII. PROTECTION AND PRECAUTIONS

Respiratory Protection: NIOSH / OSHA approved respirator for particulates. Use local exhaust and ventilate as necessary.

Ventilation: Local exhaust or general mechanical ventilation.

Protective Gloves: Normal work gloves are adequate.

Eye Protection: Goggles should be worn in dusty areas.

Other Protective Equipment:

Do not store close to acids. Avoid humid or wet conditions. Store in a cool, dry, well ventilated area. Keep container closed when not in use.

IX. PRECAUTIONS OR OTHER COMMENTS

Precautions to be taken in handling and storing: Maintain good housekeeping. Avoid contact with eyes. Wash thoroughly after handling. Use with adequate ventilation.

The information and recommendations accumulated herein are to the best of Laidlaw's knowledge and belief, accurate and reliable as of the date issued. Laidlaw does not warrant or guarantee their accuracy or reliability, and shall not be liable for any loss or damage arising out of the use thereof.

HMIS and NFPA recommended ratings are based upon the criteria supplied by the developers of these rating systems together with Laidlaw's interpretation of the available data.