

Laidlaw Corporation  
5326 Industrial Park Road  
Metropolis, IL 62960

Date Signed: 3-1-04

Transportation: Chemtrec

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Emergency: 1-800-424-9300

**MATERIAL SAFETY DATA SHEET**

**I. IDENTIFICATION**

PRODUCT NAME: Laidlaw RIGID  
CHEMICAL NAME: Laundry Starch  
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 1920.1200, NTP, ACGIH, NFPA, IARC				

D.O.T. Hazard Classification: Non-hazardous  
Hazardous Materials Identification System (HMIS)  
Health 1 Flammability 0 Reactivity 0 BASIS  
TLV for Total Product Not determined 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 1 Evaporation Rate Not applicable

**IV. FIRE AND EXPLOSION DATA**

Flash Point (°F TCC) Not applicable  
Extinguishing Media Water, dry chemical.

Special Firefighting Procedures Avoid creating dust that could cause a secondary explosion.

Unusual Fire & Explosion Hazards Explosive in specific dust concentrations. Dust precaution required.

National Fire Protection Association (NFPA) - Hazard Identification  
Health 1 Flammability 0 Reactivity 0 BASIS  
Recommended by Laidlaw

**V. HEALTH HAZARD DATA**

Effects of Overexposure:  
Eyes: Dust may cause mild irritation. Dry product can cause permanent eye damage if not treated.  
Skin: Dust may cause mild irritation. Dry product may cause tissue damage if not treated.  
Breathing: May cause irritation of the nose and throat. High concentrations may cause coughing and choking.  
Swallowing: No significant hazard.

LIDLAW RIGID

First Aid Procedures:

- Swallowing: Do not induce vomiting. Give large quantities of water or milk. Seek medical attention.
- Skin: Wash with water. Remove contaminated clothing and wash before reuse.
- Inhalation: Remove person out of contaminated area to fresh air. Seek medical attention if symptoms are present.
- Eyes: Flush eyes with large amounts of water for at least 15 minutes. Obtain medical attention.

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.

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**VI. REACTIVITY DATA**

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- Hazardous Polymerization: Will not occur.
- Stability: Stable.
- Incompatibility: None known.
- Hazardous Decomposition Products: None known.

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**VII. SPILL OR LEAK PROCEDURES**

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Steps to be taken in case material is released or spilled:  
If materials is spilled, sweep into suitable disposal drum or container and then flush area with water. Dispose of material in accordance to all local, state, and federal regulations.

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**VIII. PROTECTION AND PRECAUTIONS**

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- Respiratory Protection: NIOSH approved respirator if particulates are present.
- Ventilation: General mechanical ventilation or local exhaust.
- Protective Gloves: Normal work gloves are adequate.
- Eye Protection: Dust proof glasses.
- Other Protective Equipment: Protective clothing may be worn in dusty areas, but is not normally required.

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**STORE IN COOL, DRY AREA. PROTECT FROM HUMIDITY. KEEP CONTAINERS TIGHTLY CLOSED.**

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**IX. PRECAUTIONS OR OTHER COMMENTS**

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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.