

Material Safety Data Sheet

LAD 2100



Revision Date: 18-Feb-09

24-HOUR EMERGENCY 1-800-255-3924 (U.S.) 001-813-248-0585 (International)

SECTION 1 - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name: LAD 2100
General Description: Alkaline cleaner
Company Information: PureLabs LLC
1919 S. Stoughton Rd
Madison WI 53716
USA
1-608-326-3500

SECTION 2 - COMPOSITION/IDENTITY INFORMATION

Hazardous Ingredients	CAS Number	%
Sodium tripolyphosphate	7758-29-4	15 - 40
Sodium metasilicate anhydrous	6834-92-0	3 - 7
Sodium dodecylbenzene sulfonate	25255-30-0	3 - 7

SECTION 3 - HAZARDS IDENTIFICATION

This product can cause irritation to eyes, skin, upper respiratory tract and mucous membranes. May be fatal if swallowed.

SECTION 4 - FIRST AID MEASURES

If in Eyes:

Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present after the first 5 minutes, then continue rinsing. Contact a physician immediately.

If Swallowed:

Have person sip a glass of water if able to swallow. Do not give anything to an unconscious person. Do not induce vomiting. Contact a physician immediately.

If Breathing Difficulty Occurs:

Move person to fresh air. Contact a physician immediately.

If on Skin:

Take off contaminated clothing. Rinse skin with soap and water. If irritation develops and persists, contact a physician.

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SECTION 5 - FIRE FIGHTING MEASURES

This product is not flammable.

SECTION 6 - ACCIDENTAL RELEASE MEASURES

Contain spills and dispose of according to federal and local regulations.

SECTION 7 - HANDLING AND STORAGE

Handling: Use proper personal protective equipment as indicated in Section 8. Do not get in eyes. Use only in well-ventilated areas.

Storage: Store in a closed container away from sources of heat. If product becomes frozen, thaw and mix well before use.

SECTION 8 - EXPOSURE CONTROL/PERSONAL PROTECTION

If exposure limits listed in Section 11 are exceeded, use appropriate personal protective equipment.



SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

Appearance: White powder
Odor: Mild
Specific Gravity: NA
pH (as is): NA
Solubility in Water: Complete at recommended dilutions

Note: The above properties are typical values and are not to be construed as a guaranteed analysis for any specific lot or as specifications for the product.

SECTION 10 - STABILITY AND REACTIVITY

Stability: Storage: Store in a closed container away from sources of heat. If product becomes frozen, thaw and mix well before use.

Hazardous Decomposition Products: None known.

Hazardous Polymerization: Will not occur.

Incompatibilities: Increases in temperature and/or pressure when mixed with strong acids, combustible materials, organic materials, or water. Hydrogen gas formation and possible explosion when in contact with zinc, aluminum, peroxides, or halogenated hydrocarbons.

Conditions to avoid: Product absorbs carbon dioxide from the air. Keep containers sealed and closed.

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SECTION 11 - TOXICOLOGICAL INFORMATION

Chemical Name	OSHA Permissible Exposure Limit (PEL)	ACGIH Threshold Limit Value (TLV)
Sodium tripolyphosphate	NA	NA
Sodium metasilicate anhydrous	2 mg/m ³	2 mg/m ³
Sodium dodecylbenzene sulfonate	Not Applicable	Not Applicable

SECTION 12 - ECOLOGICAL INFORMATION

Ecotoxicity: This product is expected to be fatal to aquatic life.
Environmental fate: No data available.

SECTION 13 - DISPOSAL CONSIDERATIONS

Dispose of in a manner consistent with federal, state, and local regulations.

SECTION 14 - TRANSPORTATION INFORMATION

U.S. Department of Transportation (DOT) Classification:

Proper Shipping Name: Not DOT Regulated

Hazard Class:

UN Number:

Packing Group:

Canadian Transportation of Dangerous Goods (TDG) Regulations:

Identical to U.S. DOT above.

International Maritime Dangerous Goods (IMDG) Code:

Identical to U.S. DOT above.

International Air Transport Association (IATA) Dangerous Goods Regulations:

Identical to U.S. DOT above.

SECTION 15 - REGULATORY INFORMATION

Hazard Symbol(s): None
Risk Phrase(s): R22 Harmful if swallowed

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SECTION 16 - OTHER INFORMATION

Reason for Revision: New product

Prepared by: PureLabs LLC Chemical Research and Development

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