SAFETY DATA SHEET

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Laidlaw RSR (Rapid Stain Remover) Digester

OTHER MEANS OF IDENTIFICATION: Not applicable.

GENERAL USE: For professional laundry & wetcleaning use only.

PRODUCT DESCRIPTION: Digester

MANUFACTURER

Adco Professional Products LLC
1706 Ledo Rd.
Albany, GA 31707

Product Information: 800-323-7206 (USA & Canada only)

24 HR. EMERGENCY TELEPHONE NUMBERS

Medical Emergency: 866-303-6947 (USA & Canada only) **or** 651-632-9272

Transportation Emergency: 800-424-9300 (USA & Canada only) **or** 703-527-3887

2. HAZARDS IDENTIFICATION

GHS CLASSIFICATION OF THE SUBSTANCE OR MIXTURE

Skin Corrosion/Irritation: Category 2
Serious Eye Damage/Irritation: Category 2B
Sensitization – Respiratory: Category 1

GHS LABEL ELEMENTS

Symbol(s):



Signal Word: Danger

Hazard Statements:

H315 – Causes skin irritation.
H320 – Causes eye irritation.
H334 – May cause allergy or asthma symptoms or breathing difficulties if inhaled.

Precautionary Statements:

P261 – Avoid breathing dust/fume/gas/mist/vapors/spray.
P262 – Do not get in eyes, on skin or on clothing.
P264 – Wash hands thoroughly after handling.
P280 – Wear protective gloves/protective clothing/eye protection/face protection.
P285 – In case of inadequate ventilation wear respiratory protection.
P302+P352 – IF ON SKIN: Wash with plenty of soap and water.
P304+P341 – IF INHALED: If breathing is difficult, remove affected person to fresh air and keep at rest in a position comfortable for breathing.
P305+P351+P338 – IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing
P332+P313 – If skin irritation occurs: Get medical advice/attention.
P337+P313 – If eye irritation persists: Get medical advice/attention.

P342+P311 – IF experiencing respiratory symptoms, call a POISON CENTER or doctor/physician.
P362+P364 – Take off contaminated clothing and wash before reuse.
P403+P233+P235 – Store in a dry, well-ventilated place. Keep container tightly closed. Keep cool.
P501 – Dispose of contents/container in accordance with local/regional/national/international regulations.

Other Hazards: Repeated inhalation of enzyme dust or aerosols resulting from improper handling may induce sensitization and may cause allergic type 1 reactions in sensitized individuals.
Unknown Acute Toxicity: Not applicable.

3. COMPOSITION / INFORMATION ON INGREDIENTS

The specific identity of one or more component(s) of this product are withheld as a trade secret.

Chemical Name	Wt.%	CAS#
Sodium tripolyphosphate	< 10	7758-29-4
Subtilisins	< 30	9014-01-1
Disodium Phosphate	< 35	7558-79-4

COMMENTS: None.

4. FIRST AID MEASURES

EYES: Immediately flush eyes with plenty of water for at least 15 minutes. Seek immediate medical attention.

SKIN: Wash skin contact area with plenty of soap and water. Seek immediate medical attention if a rash or irritation occurs. Remove and wash contaminated clothing before re-use.

INGESTION: Get immediate medical attention. Do not induce vomiting unless instructed to do so by poison center or physician. Give several glasses of water.

INHALATION: Remove affected person to fresh air. If not breathing, give artificial respiration and seek immediate medical attention.

SIGNS AND SYMPTOMS OF OVEREXPOSURE

EYES: Dryness, tearing and mild to severe irritation depending upon duration of contact.

SKIN: Irritation, dryness, reddening of the skin.

SKIN ABSORPTION: Insufficient data available.

INGESTION: May cause gastrointestinal irritation, nausea, vomiting and diarrhea.

INHALATION: May cause coughing, sneezing, shortness of breath, and irritation to the nose, throat and lungs.

ADDITIONAL INFORMATION: After emergency actions, call the emergency medical information number on page 1 or a physician immediately.

5. FIRE FIGHTING MEASURES

FLAMMABLE CLASS: Not applicable.

EXTINGUISHING MEDIA: Carbon dioxide, dry chemical, foam, water spray or fog.

HAZARDOUS COMBUSTION PRODUCTS: Carbon dioxide.

OTHER CONSIDERATIONS: May cause allergic respiratory reaction.

FIRE FIGHTING EQUIPMENT: As in any fire, wear self-contained breathing apparatus pressure-demand, (MSHA/NIOSH approved or equivalent) and full protective gear. Use water spray to cool fire-exposed containers.

6. ACCIDENTAL RELEASE MEASURES

SMALL SPILL: Clean up spills immediately with absorbent material, observing precautions in the Exposure Controls / Personal Protection section (see section 8). Flush cleaned area thoroughly with water. Avoid splashing and high pressure washing (avoid formation of aerosols). Ensure sufficient ventilation. Wash contaminated clothing. All spilled material must be contained and kept out of waterways, sewers and drains.

LARGE SPILL: Contain spill. Avoid breathing dust. Clean up spills immediately with absorbent material, observing precautions in the Exposure Controls / Personal Protection section (see section 8). Flush cleaned area thoroughly with water. Spilled material should be removed immediately to avoid formation of dust from dried material. Take up by mechanical means preferably by a vacuum cleaner equipped with a high efficiency filter. Flush remainder carefully with plenty of water. Avoid splashing and high pressure washing (avoid formation of aerosols). Ensure sufficient ventilation. Wash contaminated clothing. All spilled material must be contained and kept out of waterways, sewers and drains.

7. HANDLING AND STORAGE

GENERAL PROCEDURES: Keep out of the reach of children.

HANDLING: Ensure adequate ventilation. Avoid formation of dust and aerosols. Wash hands thoroughly after handing. Follow all SDS/label precautions even after container is emptied because it may retain product residues.

STORAGE: Store in labeled, tightly sealed containers in a cool, dry area (0-25 °C/32-77 °F). Protect from the sun.

ELECTROSTATIC ACCUMULATION HAZARD: Not applicable.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

EXPOSURE GUIDELINES:

OSHA HAZARDOUS COMPONENTS (29 CFR 1910.1200)

		EXPOSURE LIMITS					
		OSHA PEL		ACGIH TLV		Supplier OEL	
		ppm	mg/m^3	ppm	mg/m^3	ppm	mg/m^3
Sodium tripolyphosphate	**TWA**	NE[1]	NE	NE	NE		
	STEL	NE	NE	NE	NE		
Subtilisins	**TWA**	NE	NE	NE	0.00006[2]		
	STEL	NE	NE	NE	NE		
Disodium Phosphate	**TWA**	NE	NE	10	NE		
	STEL	NE	NE	NE	NE		

TABLE FOOTNOTES:

1. NE=Not established.
2. Ceiling (as crystalline active enzyme, listed under Subtilisins)

The specific identity of one or more component(s) of this product are withheld as a trade secret.

ENGINEERING CONTROLS: Local exhaust may be required to control dust concentration.

PERSONAL PROTECTIVE EQUIPMENT

EYES AND FACE: Safety glasses and chemical splash goggles.

SKIN: Rubber, Neoprene, or Barrier™ gloves.

RESPIRATORY: NIOSH/MSHA approved dust respirator may be permissible under certain circumstances where airborne concentrations are expected to exceed exposure limits. Protection provided by air purifying respirators is limited. Use a positive pressure air supplied respirator if there is any potential for an uncontrolled release, exposure levels are not known, or any other circumstances where air purifying respirators may not provide adequate protection.

PROTECTIVE CLOTHING: Where contact is likely, wear the appropriate chemical resistant equipment, which depending on circumstances may include chemical resistant gloves, a chemical suit, rubber boots, and chemical safety goggles plus a face shield.

WORK HYGIENIC PRACTICES: Wash thoroughly after handling. Do not eat or drink in work area.

OTHER USE PRECAUTIONS: Have eye wash station available. Do not wear contact lenses without eye protection.

9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: White powder.

PHYSICAL STATE: Solid

COLOR: White.

ODOR: Low to no odor

ODOR THRESHOLD: No data available.

pH: No data available.

FREEZING POINT: No data available.

INITIAL BOILING POINT: Not applicable.

FLASHPOINT: Not applicable.

EVAPORATION RATE: Not applicable.

FLAMMABILITY (Solid, Gas): Non-flammable.

FLAMMABLE LIMITS: Not applicable.

VAPOR PRESSURE: No data available.

VAPOR DENSITY: No data available.

RELATIVE DENSITY: No data available.

SOLUBILITY IN WATER: Soluble.

PARTITION COEFFICIENT (Log K_{ow}): No data available.

AUTOIGNITION TEMPERATURE: Not applicable.

DECOMPOSITION TEMPERATURE: No data available.

VISCOSITY: Not applicable.

PERCENT VOLATILE: No data available.

10. STABILITY AND REACTIVITY

REACTIVITY: No.

CHEMICAL STABLITY: Stable.

POSSIBILITY OF HAZARDOUS REACTIONS: Polymerization will not occur.

CONDITIONS TO AVOID: Moisture may cause clumps and caking together of the powder Dusting conditions, extreme heat, extreme humidity.

INCOMPATIBLE MATERIALS: Strong acids, alkaloids, pyrogallol, lead acetate, resorcinol.

HAZARDOUS DECOMPOSITION PRODUCTS: Oxides of Sodium and Phosphorus.

11. TOXICOLOGICAL INFORMATION

ROUTES OF ENTRY: Inhalation and skin.

ACUTE TOXICITY (ATE)

DERMAL LD_{50}: 7,761 mg/kg (Rabbit)

ORAL LD_{50}: 2,718 mg/kg (Rat).

INHALATION LC_{50}: Insufficient data available.

CHRONIC TOXICITY

TARGET ORGANS: Respiratory tract.

SENSITIZATION: Contains protease. Inhalation of enzyme dust may induce sensitization and may cause allergic reactions

CARCINOGENICITY

IARC: Not listed as a carcinogen.

NTP: Not listed as a carcinogen.

OSHA: Not listed as a carcinogen.

OTHER: No data available.

OTHER: No data available.

REPRODUCTIVE EFFECTS: Insufficient data available.

MUTAGENICITY: Insufficient data available.

SYNERGISTIC MATERIALS: None known.

POTENTIAL HEALTH EFFECTS

EYES: Insufficient data available.
SKIN: Insufficient data available.
SKIN ABSORPTION: Insufficient data available.

INGESTION: May be harmful if swallowed.

ASPIRATION HAZARD: Insufficient data available.

INHALATION: May be harmful if inhaled. Inhalation of enzyme dust may induce sensitization and may cause allergic reactions.

MEDICAL CONDITIONS AGGRAVATED: Insufficient data available.

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12. ECOLOGICAL INFORMATION

ECOTOXICITY: A component of this product has moderate aquatic toxicity.

PERSISTENCE AND DEGRADABILITY: Insufficient data available.

BIOACCUMULATIVE POTENTIAL: Insufficient data available.

MOBILITY IN SOIL: Insufficient data available.

OTHER ADVERSE EFFECTS: No data available.

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13. DISPOSAL CONSIDERATIONS

DISPOSAL METHOD: Dispose of in accordance with federal, state and local regulations.

EMPTY CONTAINER: Not applicable.

RCRA/EPA WASTE INFORMATION: Contains no material listed by RCRA as a hazardous waste.

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14. TRANSPORT INFORMATION

DOT (DEPARTMENT OF TRANSPORTATION)

PROPER SHIPPING NAME: Not regulated.

OTHER SHIPPING INFORMATION: Not applicable.

CANADA TRANSPORT OF DANGEROUS GOODS

PROPER SHIPPING NAME: Not regulated.

OTHER SHIPPING INFORMATION: Not applicable.

AIR (ICAO/IATA)

PROPER SHIPPING NAME: Not regulated.

15. REGULATORY INFORMATION

UNITED STATES

SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT)

311/312 HAZARD CATEGORIES:

FIRE: No. **PRESSURE GENERATING:** No. **REACTIVITY:** No. **ACUTE:** Yes. **CHRONIC:** No.

313 REPORTABLE INGREDIENTS: None.

CERCLA (COMPREHENSIVE RESPONSE, COMPENSATION, AND LIABILITY ACT)

CERCLA RQ: 5000 lbs (sodium tripolyphosphate) 5000 lbs (disodium phosphate)

REPORTABLE SPILL QUANTITY: ≥ 11,111 lbs

RCRA STATUS: See section 13.

MEXICO

Not regulated for transport.

STATE REGULATIONS

MASSACHUSETTS

Contains one or more substances regulated by the Massachusetts Substance List.

NEW JERSEY

Sodium tripolyphosphate, subtilisins and disodium phosphate are classified as workplace hazards.

PENNSYLVANIA

Contains one or more substances on the Pennsylvania Hazardous Substance List.

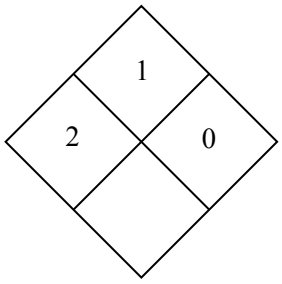
CALIFORNIA

PROPOSITION 65 STATEMENT: This product contains no ingredients known to the state of California to cause cancer, birth defects, or other reproductive harm.

16. OTHER INFORMATION

HMIS RATINGS	
HEALTH:	2
FLAMMABILITY:	1
REACTIVITY:	0
PERSONAL PROTECTION:	B

NFPA RATINGS



SDS Revision Date: December 17, 2015