



MATERIAL SAFETY DATA SHEET

I. PRODUCT AND COMPANY INFORMATION

TRADE NAME: Lever Pro Protein Release Agent

CHEMICAL FAMILY: Enzyme Booster

Date Prepared: 4/2/07

Version: 1

HCS (Division of Washing Systems, LLC)

5579 Spellmire Dr.

Cincinnati, OH 45246

513-870-4830

EMERGENCY CONTACT: CHEMTREC (800-424-9300)

II. HAZARDOUS INGREDIENTS

The materials listed in this data sheet are classified as **HAZARDOUS** in accordance with the definition set forth by the Occupational Safety and Health Administration in 29 CFR 1910.1200.

CHEMICAL NAME

Proteolytic Enzyme

COMMON NAME

Enzyme

EXPOSURE LIMIT

UNK

III. PHYSICAL/CHEMICAL CHARACTERISTICS

APPEARANCE & ODOR

White Powder, No Odor

VAPOR DENSITY (AIR=1)

N/A

BOILING POINT

N/A

SOLUBILITY IN WATER

Soluble (>1%)

SPECIFIC GRAVITY

0.72

EVAPORATIONRATE
(N-Butyl Acetate=1)

N/A

VAPOR PRESSURE (mmHg)

N/A

MELTING POINT

N/A

IV. FIRE AND EXPLOSION DATA

FLASHPOINT

N/A

FLAMMABLE LIMITS
(lower limit) (upper limit)

N/A

N/A

AUTO IGNITION TEMP

N/A

EXTINGUISHING AGENTS: CO₂, Dry Chemicals, Water, Dry Foam.

SPECIAL FIRE FIGHTING PROCEDURES: None.

UNUSUAL FIRE AND EXPLOSION HAZARDS: None

V. REACTIVITY DATA

STABILITY

Stable in a dry state

HAZARDOUS DECOMPOSITION PRODUCTS

Heat released on contact with acids

MATERIALS TO AVOID

Acids

HAZARDOUS POLYMERIZATION

Will not occur.

VI. HEALTH HAZARD DATA

SKIN:	<u>ACUTE</u>	May cause irritation.
	<u>CHRONIC</u>	None known.
EYES:	<u>ACUTE</u>	May cause irritation.
	<u>CHRONIC</u>	None known.
INHALATION:	<u>ACUTE</u>	May cause irritation to the mucous membranes and respiratory system.
	<u>CHRONIC</u>	May cause respiratory sensitization and allergic response in hypersensitive individuals.
INGESTION:	<u>ACUTE</u>	May cause irritation.
	<u>CHRONIC</u>	None known.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE

None are known.

CARCINOGENICITY

OSHA: NO

IARC MONOGRAPHS: NO

NTP: NO

EMERGENCY AND FIRST AID PROCEDURES

<u>SKIN:</u>	Immediately flush area with plenty of cool water for at least 15 minutes. If irritation develops, contact a physician. Call a physician.
<u>EYES:</u>	Immediately flush thoroughly with cool water under low pressure for at least 15 minutes, holding lids apart and moving eye to ensure flushing of the entire surface. Call a physician.
<u>INHALATION:</u>	Remove from contaminated atmosphere. For throat irritation, drink two glasses of water and call a physician.
<u>INGESTION:</u>	Never give anything by mouth to an unconscious person. DO NOT INDUCE VOMITING. If conscious, give large quantities of water. If vomiting occurs spontaneously, keep airway clear. Call a physician immediately.

VII. SPILL OR LEAK PROCEDURES

Sweep up spilled material and dispose of in a manner approved by local, state, and federal regulations. Flush spill area with water. Contains no phosphates.

SPECIAL PRECAUTIONS

Store in a dry, well-ventilated area away from organics and acids.

VIII. CONTROL MEASURES

<u>RESPIRATORY PROTECTION</u>	<u>EYE PROTECTION</u>	<u>PROTECTIVE GLOVES</u>	<u>OTHER PROTECTIVE EQUIPMENT</u>
None	Safety Goggles	Rubber	None
	<u>VENTILATION:</u> <u>Mechanical</u>	<u>Local</u>	<u>Special</u>
	Normal Air Dilution	None	None

N/A = Not Applicable

UNK = Unknown at This Time

LEVER PRO PROTEIN RELEASE AGENT