

NOTE: SEE LAST PAGE FOR CONDITIONS UNDER WHICH THE INFORMATION AND RECOMMENDATIONS OF THIS DATA ARE FURNISHED

## MATERIAL SAFETY DATA

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NA = Not Applicable

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### SECTION I - IDENTIFICATION

**Trade Name: MAINTAIN L (10x concentrate)**

Chemical Family: Liquid Bacterial Enzyme mixture

Chemical Name: No IUC name for mixture is known to exist.

DOT HAZARD CLASS: NA

DOT LABEL(S): NA

CAS No See Information listed below in Section II

DOT PROPER SHIPPING NAME: Chemicals Not Otherwise Indexed (NOI), Non Hazardous

### SECTION II - INFORMATION ON COMPONENTS [hazardous & other]

INGREDIENT	CAS NO.	PERCENT	OCCUPATIONAL EXPOSURE LIMITS		HAZARD
			PEL (Units)	PEL (Units)	
BACTERIAL enzymes	No CAS number assigned	NA	Not established		sensitization/Irritation
NONYLPHENOL	9016-45-9	3.75%	Not established		SEE BELOW

**The following information deals specifically with nonyl phenol ethoxylate surfactant used:** Surfactant in pure form is moderately irritating to eyes; moderately irritating to skin. Other information: eye irritation 35.5/110 on rabbit eyes. Acute Dermal LD<sub>50</sub> rate: greater than 3 g/kg. practically nontoxic. Inhalation: Mists may cause chest discomfort, mucous membrane irritation and coughing Oral LD<sub>50</sub> Rat > 3 g/kg. Slightly toxic.

These compounds are not considered a carcinogen by the National Toxicology Program, the International Agency for Research on Cancer or, the Occupational Health and Safety Administration, nor is it known to be mutagenic

Identity	OTHER INGREDIENTS	CAS No.	WT%	Over 3%
Amylase		[9000-85-5]	@	yes
Water		[7732-18-5]	@	Yes
Propylene Glycol		[57-55-6]	@	Yes
Lipase		[9001-62-1]	@	no

@= among 5 most predominant compounds NA = Not applicable



CHRONIC EFFECTS OF OVEREXPOSURE: May cause allergic type sensitivity in susceptible individuals resulting in delayed hyperallergic response.

CARCINOGENICITY      NTP? NO                      IARC? NO      OSHA REGULATED? NO

## **EMERGENCY AND FIRST AID PROCEDURES**

SWALLOWING: Rinse mouth with water if ingested

SKIN: Wash affected area with soap and remove contaminated clothing.

INHALATION: In case of inhalation, remove from area of exposure; if allergic symptoms occur in 0-48 hours, seek medical attention.

Supplementary information is attached concerning concentrated enzyme exposure.

## **WARNING STATEMENTS**

CAUTION! MAY CAUSE SKIN OR EYE IRRITATION. STORE IN A COOL DRY PLACE. AVOID CONTACT WITH SKIN AND CLOTHING AND INHALATION OF AIRBOURNE PARTICLES. WASH HANDS, CLOTHING AND EQUIPMENT AFTER USE.

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## **SECTION VI- REACTIVITY DATA**

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MATERIALS TO AVOID: None known

HAZARDOUS DECOMPOSITION PRODUCTS: None known

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## **SECTION VII- SPILL, LEAK AND DISPOSAL INFORMATION**

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WASTE DISPOSAL-Dispose of this material and any absorbent material (see below) in closed containers in a sanitary chemical landfill which complies with all local, state and federal regulations.

SPILL OR LEAKAGE PROCEDURES: Dike and absorb spill with inert materials. Small quantities can be flushed thoroughly with water to appropriate chemical waste sewer( avoid high pressure washing).

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## **SECTION VIII- SAFE HANDLING AND USE INFORMATION**

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Respiratory protection: Wear suitable NIOSH approved dust masks or respiratory protector where local ventilation exhaust is not available or situations where inhalation of mist is likely to result.

Ventilation: Local ventilation required to prevent ambient air entrapment of fugitive aerosol material.

Storage and Handling: Maintain good housekeeping, avoid creating aerosols. Keep out of direct sunlight and in cool dry place as deterioration of product and loss of activity may occur under above conditions.

Eye Protection: Protecting glasses or eye shield as necessary to prevent eye contact.

Skin Protection: Long sleeved shirt, trousers, safety shoes, and impermeable gloves or as necessary to prevent skin contact

Hygienic Practices: Wash hands after handling, as well as any other affected skin areas. Avoid contact with food or food preparatory surfaces. If this occurs wash the area thoroughly with suitable detergent and water. Remove and wash contaminated clothing.

**OTHER PROTECTIVE EQUIPMENT:** Eye wash facility, whatever equipment sufficient to prevent skin contact and splash protection.

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## **SECTION IX - SPECIAL PRECAUTIONS**

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### **Keep out of Reach of Children**

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