

Date: August 25, 2009
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Former date: November 20, 2008
Reviewed by: Brian Haack

1. IDENTIFICATION OF THE CHEMICAL AND OF MANUFACTURER

Trade name: ENZYME PRESPRAY Product Code: 01-92F
The intended use of the product is a pre-spray for removal of soil and grease in carpet.

Standard industrial classification: 2842

Manufacturer: Master Blend, Inc
5285 Fox Street Unit A
Denver, CO USA 80216
303-373-0702 Telephone

1.4.1 FOR CHEMICAL EMERGENCY OR INGESTION, CALL CHEM-TEL, INC.
(USA, Canada & U.S. Virgin Islands) 1-800-255-3924 OR INTERNATIONAL CALL COLLECT 1-813-248-0585

2. COMPOSITION/INFORMATION ON INGREDIENTS

2.1 Hazardous Ingredients

2.1.1 CAS #	EINECS No	2.1.2 Name	2.1.3 Concentration	2.1.4 Warning, Risk phrases
7757-82-6	231-820-9	Sodium sulphate	50-60%	R 20/21
7758-29-4	231-838-7	Sodium tri polyphosphate	30-60%	R 20/21
68439-46-3	NA	Ethoxylated alcohol	1- 5%	R 20/21
34590-94-8	252-104-2	Dipropylene glycol		
		Monomethyl ether	1- 5%	R 20/21
37288-54-3	253-446-5	Mannanase	<1%	R 20/21
9001-62-1	232-619-9	Lipase	<1%	R 20/21
9014-01-1	232-792-2	Protease	<1%	R 20/21
NA	NA	Fragrance	<1%	R 20/21

2.1.5 No confidential ingredients

2.1.6 No substances are listed dangerous less than 1 percent each.

3. HAZARDS IDENTIFICATION

Human: This product may cause irritation to eyes, skin and respiratory system. If swallowed the product may be harmful and cause irritation to mucous membranes.

Environment: This product is unlikely to accumulate in aquatic environments.

4. FIRST AID MEASURES

Eye Contact: Flush with water for at least 15 minutes. If irritation persists, seek medical attention.

Skin Contact: Wash with soap and water. If irritation persists, seek medical attention.

Inhalation: Remove to fresh air. If trouble with breathing persists seek medical attention.

Ingestion: Wash out mouth with water. Do not induce vomiting. Dilute with one to two glasses of water. Seek medical attention.

5. FIRE-FIGHTING MEASURES

The product is non-combustible; use suitable extinguishing media for the surrounding fire.

Self-contained breathing apparatus (SCBA) with full protective bunker gear for fire fighters.

This product is unlikely to support combustion as it is not combustible and not an oxidizer.

Exposure hazard: decomposition of product may be oxides of carbon and sulphur.

6. ACCIDENTAL RELEASE MEASURES

Sweep up spills for re-use or disposal. Check local authority for proper disposal methods. Do not mix this product with other waste materials.

7. HANDLING AND STORAGE

Handle this product with best business practices. Keep this product stored away from food, drink and animal foodstuffs. Keep out of the reach of children. Store in a cool and dry area.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure limit values:

HTP values: None
Other limit values: (USA) OSHA PEL: Nuisance dust (15 mg/m³); Alkyl alcohol (400 ppm); Dipropylene glycol monomethyl ether (100 ppm)

Limit values in other countries: (AICS) Nuisance dust (10 mg/m³) (AICS), (DSL), (ECL), (EEC), (ENCS), (KECL), (MAC), (MAK), (PICC), (Swiss), (UK): Dipropyl glycol monomethyl ether (300 ppm); Alkyl alcohol (400 ppm); D-limonene (20 ppm)

Exposure controls:

Avoid contact with eyes, skin or clothing. Avoid ingesting the product as it may be harmful. Wear a dust mask to avoid long term effect of breathing the material. Wear chemical imperious gloves to protect exposure to your hands. Wear chemical safety goggles or glasses to protect your eyes.

9. PHYSICAL AND CHEMICAL PROPERTIES

The product is a dry white powder with a citrus odour. Important health, safety and environmental information

RTU pH	9.3
Boiling point/boiling range	N/A
Freezing point	N/A
Flash point	N/A
Flammability (solid, gas)	N/A
Explosive properties	Not explosive
Oxidising properties	Not an oxidiser
Vapour pressure	Very low
Relative density	Greater than water
Solubility	100% in water
Specific gravity	2.45
RVOC%	3.68

10. STABILITY AND REACTIVITY

The product is stable and will not polymerise. Avoid strong oxidising agents. Hazardous decomposition of product may be oxides of carbon and sulphur.

11. TOXICOLOGICAL INFORMATION

Sub-acute, sub-chronic and prolonged toxicity have not been determined.

12. ECOLOGICAL INFORMATION

Biodegradability:	N/A
Mobility:	Soluble in water.
Bio-accumulation:	This product is unlikely to accumulate in waterways and will not accumulate in the environment. The impact on other organisms has not been determined.

13. DISPOSAL CONSIDERATIONS

Dispose in accord with National regulations. Do not mix waste material with other waste materials.

14. TRANSPORTATION INFORMATION

Not Regulated.

15. REGULATORY INFORMATION

ILO:	Xi (Irritant)
WHMIS:	Irritant
Risk Phrases:	R20/22 – Harmful by inhalation and if swallowed R36/38 – Irritating to eyes and skin
Safety Phrases:	S2 – Keep out of the reach of children S13 – Keep away from food, drink and animal feeding stuffs S24/25 – Avoid contact with skin and eyes S37/39 – Wear suitable gloves and eye/face protection S62 – If swallowed, do not induce vomiting: seek medical advice immediately and show this container or label

Special regulations on certain preparations:

HMIS		NFPA
1	Health	1
0	Fire	0
0	Reactivity/Instability	0
E	PPE	

16. OTHER INFORMATION

Restrictions on use: Ready to use after label dilution. This product is intended for professional use only.

Further information:

Call CHEM-TEL, INC. collect 1- 813-248-0582

Sources of key data used: EU, EEC Directives on the Control of Dangerous Substances and Preparations (67/548/EEC), Council Directive 88/379/EEC, WHMIS, NIOSH and OSHA 29 CFR Part 1910.1200.

This product contains no Prop 65 materials.

This is a revised Safety Data Sheet.

Sodium phosphate, tribasic is listed in the following inventories:

USA (TSCA); Korea (KECL); Canada (DSL); Philippines (PICCS); Europe (EINECS); Japan (ENCS) and Australia (AICS).

CERCLA RQ: Sodium tripolyphosphate: 2268 kg (5000 lbs)

Products listed as harmful by USA, DSL, EINECS, AICS, ECL, EICS, ENCS, PICCS: Dipropylene glycol monomethyl ether, Limonene.

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