

SAFETY DATA SHEET

according to 1907/2006 EC, Article 31

KeraStraight Pre Treatment Spray

Revision 0
Revision date 4-Oct-2011

1. IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND THE COMPANY

Product name	KeraStraight Pre Treatment Spray
Description	KeraStraight Pre Treatment Spray is a leave in multi function protein treatment that repairs hair strength, recovers hair integrity, improves elasticity and prevents breakage. KeraStraight Pre Treatment Spray helps to regulate the moisture/protein balance when used directly prior to application of a KeraStraight treatment.
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2 HAZARDS IDENTIFICATION.

Main hazards May cause sensitisation by skin contact.

3 . COMPOSITION / INFORMATION ON INGREDIENTS.

Hazardous ingredients

	Conc.	CAS	EINECS	Symbols/Risk phrases
AQUA	90 - 100%	7732-18-5		
CETYLTRIMETHYLAMMONIUM CHLORIDE	1 - 10%	112-02-7	203-928-6	Xi; R37/38-41 N; R50
Aminofunctional siloxane	0.5 - 1%	68554-54-1		Xi; R36
Octamethylcyclotetrasiloxane	0 - 0.5%	556-67-2	209-136-7	Repr Cat 3; R62 R53
Polyoxyethylated tridecyl alcohol	0 - 0.5%	78330-21-9		
GLYCERIN	0 - 0.5%	56-81-5	200-289-5	
CAROB BEAN EXTRACT	0 - 0.5%	84961-45-5		
Starch	0 - 0.5%	9005-25-8		
SODIUM BENZOATE	0 - 0.5%	532-32-1		
POTASSIUM SORBATE	0 - 0.5%	24634-61-5		
POLYQUATERNIUM 7	0 - 0.5%	26590-05-6		
GUAR HYDROXYPROPYLTRIMONIUM CHLORIDE	0 - 0.5%	65497-29-2		
PARFUM	0.5 - 1%			Xi; R43 N; R51/53
MORINGA OLEIFERA LEAF EXTRACT	0 - 0.5%	93165-54-9		
POLYQUATERNIUM-37	0 - 0.5%	26161-33-1		
METHYLCHLOROISOTHIAZOLINONE	0 - 0.5%	26172-55-4	247-500-7	C; R34 Xi; R43 N; R50
METHYLLISOTHIAZOLIONE	0 - 0.5%	2682-20-4	220-239-6	T; R23/24/25 C; R34 Xi; R43 N; R50
MAGNESIUM CHLORIDE	0 - 0.5%	7786-30-3		
MAGNESIUM NITRATE	0 - 0.5%	10377-60-3	233-826-7	O; R8

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4. FIRST AID MEASURES

Skin contact	Seek medical attention if irritation or symptoms persist.
Eye contact	Avoid contact with eyes. Rinse immediately with plenty of water. Seek medical attention if irritation or symptoms persist.
Inhalation	Move the exposed person to fresh air.
Ingestion	DO NOT INDUCE VOMITING. Rinse mouth thoroughly.

5. FIRE FIGHTING MEASURES

Extinguishing media	Use extinguishing media appropriate to the surrounding fire conditions.
Fire hazards	This product is not flammable.
Protective equipment	Wear self contained breathing apparatus and protective clothing.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions	Avoid contact with eyes.
Clean up methods	Absorb with inert, absorbent material. Transfer to suitable, labelled containers for disposal. Clean spillage area thoroughly with plenty of water. Surfaces contaminated with the product will become slippery.

7. HANDLING AND STORAGE

Storage	Keep in a cool, dry, well ventilated area. Keep containers tightly closed. Store in correctly labelled containers. This product should be stored in a clean environment away from direct heat sources. Follow good hygiene practice.
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8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure limits

GLYCERIN	WEL 8-hr limit ppm: - WEL 15 min limit ppm: -	WEL 8-hr limit mg/m3: 10 WEL 15 min limit mg/m3: -
Starch	WEL 8-hr limit ppm: - WEL 15 min limit ppm: -	WEL 8-hr limit mg/m3: 4 WEL 15 min limit mg/m3: -
Starch	WEL 8-hr limit ppm: - WEL 15 min limit ppm: -	WEL 8-hr limit mg/m3: 10 WEL 15 min limit mg/m3: -

Engineering measures	Ensure adequate ventilation of the working area.
Occupational exposure controls	Keep away from food, drink and animal feedingstuffs.
Respiratory protection	Not normally required.
Hand protection	Sensitive individuals should wear gloves when handling this product. Gloves should be worn for extended use with the product. Wash hands after handling the product.
Eye protection	Avoid contact with eyes.

9. PHYSICAL AND CHEMICAL PROPERTIES

Description	Liquid.
Colour	White.
Odour	Characteristic.

10. STABILITY AND REACTIVITY

Stability	Stable under normal conditions.
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11. TOXICOLOGICAL INFORMATION

Toxicological information

AQUA	Oral Rat LD50 = >90 mL/kg
Octamethylcyclotetrasiloxane	Dermal Rat LD50 = 1770 mg/kg Oral Rat LD50 = 1540 mg/kg Dermal Rabbit LD50 = 794 uL/kg Inhalation Rat LC50/4H h = 36 gm/m3
GLYCERIN	Oral Mouse LD50 = 4090 mg/kg Oral Rat LD50 = 12600 mg/kg Dermal Rabbit LD50 = >10 gm/kg Inhalation Rat LC50/1H h = >570 mg/m3
SODIUM BENZOATE	Oral Mouse LD50 = 1600 mg/kg Oral Rat LD50 = 4070 mg/kg
GUAR HYDROXYPROPYLTRIMONIUM CHLORIDE	Oral Rat LD50 = 12500 mg/kg
MAGNESIUM CHLORIDE	Oral Mouse LD50 = 4700 mg/kg Oral Rat LD50 = 2800 mg/kg

Acute toxicity	No specific toxicological testing has been carried out on this product. All ingredients in this preparation have been incorporated under the controls of the current legislative requirements.
Corrosivity	May cause irritation to eyes.
Repeated or prolonged exposure	May cause irritation to skin.

12. ECOLOGICAL INFORMATION

Mobility	Soluble in water.
Degradability	Readily biodegradable.


13. DISPOSAL CONSIDERATIONS

General information	Dispose of in compliance with all local and national regulations.
Disposal of packaging	Containers can be recycled if in compliance with local and national regulations.

14. TRANSPORT INFORMATION

Further information	The product is not classified as dangerous for carriage.
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15. REGULATORY INFORMATION

Labelling	The product has been classified in accordance with EU Directives 1999/45/EC and amendments, and 76/768/EEC and amendments.
Symbols	Xi - Irritant 
Risk phrases	R43 - May cause sensitisation by skin contact.
Safety phrases	S24 - Avoid contact with skin. S37 - Wear suitable gloves.

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16. OTHER INFORMATION

Text of risk phrases in Section 3.

R23/24/25 - Toxic by inhalation, in contact with skin and if swallowed.
R34 - Causes burns.
R36 - Irritating to eyes.
R37/38 - Irritating to respiratory system and skin.
R41 - Risk of serious damage to eyes.
R43 - May cause sensitisation by skin contact.
R50 - Very toxic to aquatic organisms.
R51/53 - Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R53 - May cause long-term adverse effects in the aquatic environment.
R62 - Possible risk of impaired fertility.
R8 - Contact with combustible material may cause fire.

Further information

The information supplied in this Safety Data Sheet is designed only as guidance for the safe use, storage and handling of the product. This information is correct to the best of our knowledge and belief at the date of publication however no guarantee is made to its accuracy. This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any other process.