

SAFETY DATA SHEET

according to 1907/2006 EC, Article 31

KERASTRAIGHT KS INTENSIVE TREATMENT

Revision 0
Revision date 22-Jun-2011

1. IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND THE COMPANY

Product name	KERASTRAIGHT KS INTENSIVE TREATMENT
Description	KeraStraight KS Intensive Treatment is an advanced Brazilian Keratin Repairing & Straightening Treatment that has been designed for very curly, resistant, virgin and Afric Caribbean hair types. KeraStraight KS Intensive Treatment rebuilds with Keratin and creates a straight effect that lasts up to 4 months. This ground breaking aldehyde free treatment has been passed completely safe and acceptable for use as a hair treatment.
Company	KeraStraight Ltd Office 404, 4th Floor Albany House 324/326 Regent Street London W1B 3HH United Kingdom info@kerastraight.co.uk www.kerastraight.co.uk
Telephone	0845 459 0026
Fax	01582 380146

2 HAZARDS IDENTIFICATION.

Main hazards	May cause sensitisation by skin contact.
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3 . COMPOSITION / INFORMATION ON INGREDIENTS.

Hazardous ingredients

	Conc.	CAS	EINECS	Symbols/Risk phrases
AQUA	80 - 90%	7732-18-5		
DICAPRYLYL CARBONATE	1 - 10%	1680-31-5		
CETYL ALCOHOL	1 - 10%	36653-82-4	253-149-0	Xi; R38
HYDROLYZED KERATIN	0.5 - 1%	69430-36-0		
ISOHEXADECANE	0.5 - 1%	93685-80-4	297-628-2	Xn; R65
LANOLIN	0.5 - 1%	8006-54-0	232-348-6	
MORINGA OLEIFERA LEAF EXTRACT	0.5 - 1%	93163-54-9		
PARFUM	0.5 - 1%			Xi; R43 N; R51/53
UREA	0.5 - 1%	57-13-6	200-315-5	
DIMETHICONOL	0 - 0.5%	31692-79-2		
CARBOCYSTEINE	0.5 - 1%	638-23-3		
DIMETHICONE	0 - 0.5%	63148-62-9		
HYDROLYZED COLLAGEN	0 - 0.5%	92113-31-0		
D-PANTHENOL	0 - 0.5%	81-13-0	201-327-3	
POLYQUATERNIUM 7	0 - 0.5%	26590-05-6		
HYDROLYZED WHEAT GLUTEN	0 - 0.5%	100684-25-1		
METHICONE	0 - 0.5%	9004-73-3		
POLYQUATERNIUM-10	0 - 0.5%	68610-92-4		
HYDROLYZED WHEAT PROTEIN	0 - 0.5%	68607-88-5		
PEG-12 DIMETHICONE	0 - 0.5%	64365-23-7		
HYDROXYCETYL HYDROXYETHYL DIMONIUM CHLORIDE	0 - 0.5%	84643-53-8		
CETRIMONIUM CHLORIDE	0 - 0.5%	112-01-7	203-928-6	Xi; R37/38-41 N; R50
CYCLOPENTASILOXANE	0 - 0.5%	541-02-6	208-764-9	Xi; R36/37/38
POLYQUATERNIUM-37	0 - 0.5%	26161-33-1		
THEOBROMA GRANDIFLORUM SEED BUTTER	0 - 0.5%	394236-97-6		
C.I. 77480 (GOLD)	0 - 0.5%	7440-57-5	231-165-9	
CITRIC ACID	0 - 0.5%	77-92-9	201-069-1	
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

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.

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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.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

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 Cream emulsion.
Colour White.
Odour Characteristic.
pH 2.2
Water solubility soluble in water.

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
CETYL ALCOHOL	Oral Mouse LD50 = 3200 mg/kg Oral Rat LD50 = 5 gm/kg Dermal Rabbit LD50 = >2600 mg/kg
UREA	Oral Mouse LD50 = 11 gm/kg Oral Rat LD50 = 8471 mg/kg
CARBOCYSTEINE	Oral Mouse LD50 = 8400 mg/kg Oral Rat LD50 = >15 gm/kg
HYDROLYZED WHEAT GLUTEN	Oral Rat LD50 = >2000 mg/kg
CITRIC ACID	Oral Mouse LD50 = 7280 mg/kg Oral Rat LD50 = 3 gm/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.

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.
R36/37/38 - Irritating to eyes, respiratory system and skin.
R37/38 - Irritating to respiratory system and skin.
R38 - Irritating to 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.
R65 - Harmful: may cause lung damage if swallowed.

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.

To: Jez Barnett
KeraStraight Ltd.

Intertek ASG
PO Box 42
Hexagon Tower
Blackley
Manchester
M9 8ZS

20th June 2011

From: Aled Williams

Tel: 0161 721 2957 Copies: File

Title: Quantification of Formaldehyde Using HPLC With FLD Detection

Samples:

<u>ASG Ref.</u>	<u>Your ref.</u>	<u>Sample Description</u>
10439804	1	KeraStraight KS Intensive

Date of Sample Receipt: 3rd June 2011

Date of Analysis: 10th June 2011

Notebook Reference: ANBS1096

Techniques/Instrumentation/Test Method Ref/Test Specification Ref:

HPLC using Fluorescence detection/LIMS 2034. Based on European directive method 90/207/EEC
Quantification of Free Formaldehyde

Report:

The following data were determined using an external standard calibration of formalin,

ASG Ref.	Your ref.	Sample Description	Free Formaldehyde Level (ppm)	Free Formaldehyde Level (%)
10439804	1	KeraStraight KS Intensive	9.19	0.000919

The method used is based on L 108/92 specified in EU Directive 82/434/EEC amendment 90/207/EEC. The method was altered with respect to detection (Fluorescence detection preferred to Ultra Violet) to improve specificity and sensitivity.

The European Directive states that the limit for formaldehyde in a personal product is 2000ppm (0.2%). These samples are clearly below this limit and are therefore, with respect to formaldehyde, considered safe to use within the European Community.

The particularly low level of formaldehyde suggests that this has not been added as part of the formulation but is likely to be present from stabilisation of one or more of the raw materials.

Analyst:.....*Aled Williams*.....
Aled Williams

Date: 20th June 2011

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13 June 2011

Re KeraStraight Intensive Treatment formulation dated 8 June 2011

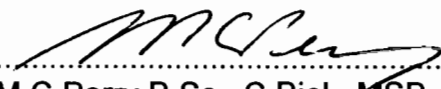
Following review of the information provided for KeraStraight Intensive Treatment formulation dated 8 June 2011, and its ingredients, the product is considered acceptable for the intended use as a hair treatment.

This safety assessment for human health is based upon the information available at this date. Reviews of this assessment will be made as and when new information becomes available. If significant adverse reactions are reported by consumers, a new evaluation will be made and any appropriate action taken.

This letter constitutes formal notification of safety required by European Union Council under Directive 93/35 EEC and the UK Cosmetic Product (safety) Regulations 2004 (S.I. 2152) as updated. A summary of the information to support this declaration is held on file with KeraStraight Ltd.

Ingredient Listing

Aqua
Dicaprylyl carbonate
Cetyl alcohol
Hydrolyzed keratin
Isohexadecane
Lanolin
Moringa oleifera leaf extract
Parfum
Urea
Dimethiconol
Carbocysteine
Dimethicone
Hydrolyzed collagen
Panthenol
Polyquaternium-7
Hydrolysed wheat protein
Methicone
Polyquaternium-10
Hydrolysed soy protein
PEG-12 dimethicone
Hydroxycetyl hydroxoethyl dimonium chloride
Cetrimonium chloride
Cyclopentasiloxane
Polyquaternium-37
Theobroma Grandiflorum Seed Butter
CI 77480
Citric acid
Methylchloroisothiazolinone
Methylisothiazolinone


M C Perry B.Sc., C.Biol., MSB., MTOPRA
Consultant to KeraStraight Ltd