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GUIDE TO PRODUCT HEALTH & SAFETY (COSHH)

tints *of* nature®

A GUIDE TO THE HEALTH & SAFETY OF THE TINTS OF NATURE PRODUCT RANGE

THE HAIR PRODUCTS IN THIS BOOKLET should not present a risk to the health and safety of the user if the products are sensibly applied and the manufacturers' instructions are followed.

The aim of this booklet is to give enough data on the TINTS of NATURE range, so that the user can make the correct assessment as required by the COSHH Regulations.

The information given in this booklet is **ONLY PART** of what is needed to meet the assessment needs of COSHH. Information will also be needed on any other products, which may be hazardous to health, such as those used for cleaning and disinfecting.

Keep a copy of this booklet in the store for reference purposes and for discussion with your local authority inspector.

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What is COSHH?

Stockists are required by law (Control of Substances Hazardous to Health Regulations, usually referred to as COSHH) to assess whether there is any hazards linked to the substances contained in their products that could affect themselves, their employees and customers, and all others who may be affected by the use of the product. The purpose of the COSHH regulations is to ensure that people are working in the safest possible manner. If an assessment shows that risk to health from a substance has not been properly controlled then further preventative measures will be needed.

COSHH covers most substances that have a 'potential' for causing harm to one's health. Although off-the-shelf hair products are not generally thought to be hazardous, they may contain substances that are covered by the COSHH regulations.

Some examples of how hazardous substances can enter the body are:

- Contact – with the surface of the skin or eyes
- Absorption – through the skin or via the eyes (either directly or from contact with contaminated surfaces or clothing)
- Inhalation – breathing in substances whilst in use.
- Ingestion – either directly or from settling on food or from eating food with contaminated fingers.

How are hair products involved?

Hair products supplied to the stockist must comply with the UK Cosmetic Products (Safety) Regulations and its amendments. The purpose of the Regulations is to ensure products marketed in the UK are safe when used correctly. The Regulations detail how certain ingredients, such as hydrogen peroxide, thioglycolic compounds and some hair dyes can be used. They may require information to be given in an instruction leaflet or on the label, indicating the presence of certain ingredients or how to use products containing them.

Cosmetic regulations require that manufacturers of cosmetics have to list, on the label, all the ingredients used in the products. Some chemicals used in the manufacturing process may be subject to the Chemicals (Hazard Information and Packaging for Supply) Regulations, also known as CHIP. CHIP requires that information on the chemicals' dangers, are provided on a warning label and in a material safety data sheet (MSDS). The MSDS should contain advice in dealing with any hazard that the chemical may pose.

Providing hairdressing products are used in accordance with manufacturers' instructions and the guidance in this booklet is followed, then the risk from hairdressing products should be minimal, making any COSHH assessment a relatively simple and straightforward process.

Assessments – What you must do

The purpose of this booklet is to provide sufficient information on the hair products made available to stockists so that assessments can be made when needed.

Carry out an Assessment

To make an assessment, common sense questions should be asked, such as:

- What products are used?
- What is the potential of a product for causing harm? (i.e. the hazard)
- What is the chance of exposure occurring?
- How much are people exposed to, for how long and how often? (i.e. the risk)
- Can the exposure be prevented? If not, how can it be adequately controlled?

Keep Written Records

It is recommended that any assessment is recorded.

Control Exposure

Wherever safer products are available they should be used but where not, some or all the precautions listed in the manufacturers instruction leaflet should be adopted.

Some methods for controlling exposure are:

- Use the product in a well ventilated area
- Use the product at the recommended concentration only
- Clear up spillages or splashes immediately
- Re-seal containers immediately after use
- Provide safe storage
- Use recommended personal protective equipment

Carry out health surveillance

Where applicable, health surveillance, in the form of regular inspection by a responsible member of staff appointed by the employer should take place. Should there be noticeable health effects, such as skin rashes or dermatitis, effective remedial action should be taken to deal with the condition. This surveillance will provide information on the effectiveness of the precautions or control measures. For example, it might show that gloves provided were not always being worn by some employees. A record should be kept for each employee undergoing health surveillance.

Training

Where applicable, all staff must be fully trained in all aspects of health and safety in the store, including the safe use of products. Staff must also be informed of the results of the assessment and of any changes that may have to be made. Records of this training should be kept, preferably with the assessment.

Review Assessments

If any of the circumstances considered in an assessment change, then the assessment must be reviewed.

General Advice

Each employer must assess the risk to health from exposure in their premises for each of the products and assess what, if any, further action is necessary to prevent or to control exposure.

REMEMBER, when local authority inspectors visit stores to check that assessments have been done correctly and any necessary actions have been taken, having a copy of this booklet available will not be considered sufficient.

For advice on how to carry out an assessment, contact your hairdressing organisation and/or your local authority inspector. Further information is given in the Health & Safety Executive publication 'COSHH – a Brief Guide for Employers' which can be obtained free from HSE bookshops.

What are the Manufacturers' Responsibilities?

Manufacturers are required by law (Health & Safety at Work Act 1974 and its amendments) to provide health and safety information on any products supplied that contain potentially hazardous substances. Details must also be provided on the precautions that should be taken to reduce any risks. All necessary information that manufacturers need to give to their customers (store owners or wholesalers) is given in this booklet. Material Safety Data sheets for product ingredients are NOT required for cosmetic products.

Basic Rules for Product Usage

Hair Care Products:

- Follow manufacturers' instructions exactly
- Dilute product according to manufacturers' recommendations
- Wear protective garments and gloves where indicated
- Continuous use of non-hazardous products e.g. shampoos, may cause drying and soreness of the skin. To avoid this, wear suitable protective gloves or use barrier cream and moisturiser as often as possible
- Maintain a high standard of house-keeping and personal hygiene
- Never mix products unless this is recommended by the manufacturer
- Check containers not in use are properly sealed
- Make sure unused mixtures and empty containers are disposed of carefully
- Never use food or drink containers to store any chemical product
- For product preparation areas, ensure adequate general ventilation, and preferably local extraction. Apply products in a well ventilated area
- If there are any signs of abrasion or soreness on the scalp, do not use any product which may cause irritation
- Avoid wearing jewellery or using nickel-coated utensils

Basic Rules for Product Storage

- Make sure all stock is properly rotated (FIFO- first in, first out) and never allow any to deteriorate
- Store products between a minimum of 5o C and a max of 30o C. The ideal temperature for storage is 18o C in a dry atmosphere
- Keep escape routes clear of stock and especially of any flammable products
- Take special care to prevent children gaining access to storage areas
- Promote a non-smoking environment

Potential Hazards

The maximum concentrations of the potentially hazardous ingredients are listed in this booklet on a percentage weight basis. The ingredients in many products will be in lower concentration than shown. Each product category is accompanied by precautionary advice.

The products are as follows:	Page:
1. Tints of Nature Colourfix and Cream Activator 6%, 9%	8 – 9
2. Tints of Nature Colour Gel	10
3. Ammonia-Free Lightening Powder	11 – 12

Unlikely Hazards

Products, which are unlikely to be hazardous under normal, foreseeable conditions of use, are as follows:

4. Tints of Nature Shampoos	13
5. Tints of Nature Conditioners	14
6. Tints of Nature Reconstructing Treatment	15
7. Protective Oil	16 – 17

Products, which are considered to be **non-hazardous** under normal, foreseeable conditions of use, are as follows:

8. Tints of Nature Seal & Shine	18
9. Tints of Nature Scalp Treatment	18

Tints of Nature Colourfix and Cream Activator 6%, 9%

Composition

Stabilised acidic aqueous solutions or emulsions containing hydrogen peroxide of various strengths for use with:

Tints of Nature Colour Gel

Naturlite.

Ingredients

Hydrogen Peroxide $\leq 40\%$

Deionized Water $\geq 50\%$

Preparations containing higher concentrations of hydrogen peroxide are outside the scope of the Cosmetics Directive. In such cases, seek the advice of the supplier regarding COSHH assessments.

Hazards Identification

Skin Contact: May cause skin irritation if used incorrectly

Eye Contact: May cause itching and burning if used incorrectly

First-Aid Measures

Inhalation: None

Skin Contact: Wash with soap and warm water for 15 minutes. Seek medical attention if there is persistent irritation

Eye Contact: Remove any contact lenses, if necessary, and immediately flush eyes with plenty of water for 15 minutes. Seek medical attention if necessary.

Ingestion: Wash mouth out and drink plenty of water. Do not induce vomiting.

Accidental release measures

Personal Precautions: Avoid contact with skin, eyes and clothing.

Small Spill: Use absorbent material on the substance. Dispose of material according to all local. After cleaning, flush away traces with water.

Environmental Precautions: Do not flush into sanitary sewer system. Avoid run-off or release into sewers, storm drains and waterways.

General Precautions: Remove containers away from flammable materials.

Handling & Storage

Safe Handling: Avoid contact with skin, eyes and clothing.

Protection Against Fire: This product is not flammable.

And Explosion: If colour gel and activator are mixed in a bottle, do not leave the mixture standing in the closed bottle as bottle may expand and contents will be forced out on opening.

General Precautions	<p>Follow the instructions detailed in enclosed instruction leaflet.</p> <p>Do not use hair dyes if you have already experienced an adverse reaction to any hair colourant.</p> <p>Do not use the hair dye if scalp is sensitive or has abrasions.</p> <p>Do not use the hair dye on eyelashes or eyebrows.</p> <p>Use mixture immediately and dispose of leftovers promptly.</p> <p>Do not exceed the development time.</p> <p>Rinse hair well after application.</p> <p>Do not use when the hair has previously been coloured with metal dyes.</p> <p>Do not perm the hair immediately before or after dyeing the hair.</p>
Storage	<p>Keep bottles securely sealed when not in use.</p> <p>Store in a cool, dry place at temperatures between a 5o C and a max of 30o C (ideal temperature is 18 o C); avoid freezing.</p> <p>Protect from direct sunlight.</p> <p>Keep out of reach of children</p>

Exposure Controls/Personal Protection

EYES AND FACE	Not Applicable
SKIN	Not Applicable
HANDS	Wear gloves
RESPIRATORY	Not Applicable
GENERAL	When using, do not eat, drink or smoke.

Stability & Reactivity

Stability:	Yes
Conditions to avoid:	None
Materials to avoid:	Strong acids, reducing chemicals, heavy metals, strong oxidizing agents
Hazardous decomposition product:	Releases oxygen which may intensify a fire
Hazardous polymerization:	Will Not Occur

Disposal

Wash down the drain with plenty of water.

Do not incinerate.

The bottles must be completely empty before disposal.

Dispose of bottles in compliance with local regulations.

Tints of Nature Permanent Colour Gel

Composition

Hair Dye: Mixtures of dyestuff in a liquid (or cream) base usually used in a combination with hydrogen peroxide (up to 9%) to dye hair.

(Developer: As for Activator 6%, 9%).

Ingredients

Solvent (e.g. alcohols) up to 7.5%

Alkalis (monoethanolamine) up to 6%

Dyestuffs up to 3.5%

Refer to label for phenylenediamines and allergens.

Hazard Identification

Irritant to skin and eyes. Can cause an allergic reaction. May be flammable.

First-Aid Measures

Eyes: Rinse eyes with plenty of water. If irritation persists seek medical advice.

Skin: Wash skin immediately (mainly to avoid staining). If irritation persists seek medical advice.

Ingestion: Drink 2–3 glasses of water or milk. Seek medical advice immediately.

Accidental Release Measures

Use plenty of water to dilute and mop up spillages.

Handling & Storage

Use away from sources of ignition. Liquid products may contain alcohol, which makes the product flammable, so store in a dry, cool place away from sources of ignition. Keep liquid products from direct sunlight and other sources of heat. Store at room temperature, 20 – 25°C and avoid freezing. Keep small amounts for immediate use only.

Exposure Controls/Personal Protection

When handling products it is important that there is adequate ventilation, preferably extraction. Apply in a well-ventilated area. Always wear suitable protective gloves.

Other Information

Sensitivity test is advisable before use. Do not use on abraded scalp. Do not allow lotion to come into contact with eyes, face or surrounding area. Do not use to dye eyelashes or eyebrows.

Disposal

Do not incinerate. Wash down the drain with plenty of water.

Ammonia-Free Lightening Powder

Composition

Powder: A blend of oxidising agents and an alkaline salt, which is mixed with hydrogen peroxide /cream immediately before use.

Ingredients

Potassium Persulfate < 50%

Sodium Silicate < 50%

Refer to label for allergens.

Hazard Identification

Irritant: May cause skin sensitisation

First-Aid Measures

Inhalation: Remove to fresh air.

Skin Contact: Wash with soap and warm water for 15 minutes. Seek medical attention if there is persistent irritation

Eye Contact: Remove any contact lenses, if necessary, and immediately flush eyes with plenty of water for 15 minutes. Seek medical attention if necessary.

Ingestion: Wash mouth out and drink plenty of water. Do not induce vomiting.

Accidental Release Measures

PERSONAL PRECAUTIONS: Avoid contact with skin, eyes, nose and clothing.

SMALL SPILL: Sweep up without applying moisture. Dispose of material according to all local regulations.

After cleaning, flush away traces with water.

ENVIRONMENTAL PRECAUTIONS: Do not flush into sanitary sewer system. Avoid run-off or release into sewers, storm drains and waterways.

PRECAUTIONS:

GENERAL PRECAUTIONS: Remove containers away from flammable materials.

Handling & Storage

SAFE HANDLING Avoid contact with skin, eyes, nose and clothing.

PROTECTION AGAINST FIRE This product is not flammable.

GENERAL PRECAUTIONS Follow the instructions detailed in enclosed instruction leaflet and on package labelling.

Do not use if scalp is sensitive or has abrasions.

Do not use on eyelashes or eyebrows.

Use mixture immediately and dispose of leftovers promptly.

Do not exceed the development time.

Rinse hair well after application.

Tints of Nature and Sulfate Free Shampoos

Composition

Solutions of surfactants in an aqueous base

Ingredients

Surfactants up to 40%

Refer to packaging for allergens

Hazards Identification

Eye irritant: Can cause irritation.

Ingestion: Ingestion of large amounts may irritate the mouth and digestive tract.

First-Aid Measures

Eyes: Rinse eyes with plenty of water. If irritation persists seek medical advice.

Ingestion: Drink 2–3 glasses of water or milk. Seek medical advice immediately.

Accidental Release Measures

Follow accidental spillage, treat as for a slip hazard: use plenty of water to dilute and mop up spillages.

Handling & Storage

Store in a dry, cool place. Keep liquid products from direct sunlight and other sources of heat. Recommended storage temperature 20 – 25°C. Always avoid freezing. Keep small amounts for immediate use only. Replace lids after use.

Exposure Controls/Personal Protection

Avoid contact with eyes. Do not use on abraded or sensitive skin.

Disposal

Do not incinerate. Wash down the drain with plenty of water.

Comments

These products are not considered to represent any undue hazards with respect to human health in normal use and under reasonably foreseeable misuse.

Tints of Nature Conditioner

Composition

Solutions of polymers, fats and oils, emulsified in an aqueous base

Ingredients

Polymers	up to 40%
Fats	up to 6%
Oils	up to 3%

Hazards Identification

Eye irritant. Can cause irritation.

Ingestion: Ingestion of large amounts may irritate the mouth and digestive tract.

First-Aid Measures

Eyes: Rinse eyes with plenty of water. If irritation persists seek medical advice.

Ingestion: Drink 2-3 glasses of water or milk. Seek medical advice immediately.

Accidental Release Measures

Use plenty of water to dilute and mop up spillages.

Handling & Storage

Store in a cool place away from direct sunlight and other sources of heat. Recommended storage temperature 20 – 25°C. Always avoid freezing. Replace lids after use.

Exposure Controls/Personal Protection

Avoid contact with eyes. Do not use on abraded or sensitive skin.

Disposal

Do not incinerate. Wash down the drain with plenty of water.

Comments

These products are not considered to represent any undue hazards with respect to human health in normal use and under reasonably foreseeable misuse.

Tints of Nature Reconstructing Treatment

Composition

Creamy emulsions of fats and oils in an aqueous base.

Ingredients

Fats up to 15%

Oils up to 8%

Refer to bottle for allergens.

Hazards Identification

Eye irritant. Can cause irritation.

Ingestion: Ingestion of large amounts may irritate the mouth and digestive tract.

First-Aid Measures

Eyes: Rinse eyes with plenty of water. If irritation persists seek medical advice.

Ingestion: Drink 2-3 glasses of water or milk. Seek medical advice immediately.

Accidental Release Measures

Use plenty of water to dilute and mop up spillages.

Handling & Storage

Store in a cool place away from direct sunlight and other sources of heat. Replace cap after use. Recommended storage temperatures between a 5° C and a max of 30° C (ideal temperature is 18° C). Always avoid freezing.

Exposure Controls/Personal Protection

Avoid contact with eyes. Do not use on abraded or sensitive skin.

Disposal

Do not incinerate. Wash down the drain with plenty of water. Dispose of as hazardous waste in compliance with local regulations.

Comments

These products are not considered to represent any undue hazards with respect to human health in normal use and under reasonably foreseeable misuse.

Protective Oil

Composition

An aqueous mixture of naturally derived ingredients and alcohol.

Ingredients

Ethanol < 13%

Hazards Identification

Route of Entry: Eyes. Skin. Mouth
Ingestion: May cause nausea.
Inhalation: None
Skin Contact: None
Eye Contact: May cause itching and burning if used incorrectly

First-Aid Measures

Inhalation: None
Skin Contact: None
Eye Contact: Remove any contact lenses, if necessary, and immediately flush eyes with plenty of water for 15 minutes. Seek medical attention if necessary.
Ingestion: Wash mouth out and drink plenty of water. Do not induce vomiting. Seek medical attention if large quantities ingested.

Accidental Release Measures

Personal Precautions: Avoid contact with skin, eyes and clothing.
Small Spill: Spill will be slippery. Soak up with inert absorbent material or mop up. Flush area with hot water.
Environmental Precautions: Do not flush into sanitary sewer system. Avoid run-off or release into sewers, storm drains and waterways.
General Precautions: Use waste disposal methods in compliance with local regulations.

Handling & Storage

Safe Handling: Avoid contact with skin, eyes and clothing.
Protection Against Fire And Explosion: This product is flammable.
General Precautions: Normal handling and storage practices consistent with good manufacturing practices.

Storage

Keep bottles securely sealed when not in use.

Store in a cool, dry place at temperatures between a 5o C and a max of 30o C (ideal temperature is 18 o C); Always avoid freezing.

Protect from direct sunlight.

Keep out of reach of children

Exposure Controls/Personal Protection

EYES AND FACE

Not Applicable

SKIN

Not Applicable

HANDS

Not Applicable

RESPIRATORY

Not Applicable

GENERAL

When using, do not eat, drink or smoke.

VENTILATION

None required with normal use

Disposal

Wash down the drain with plenty of water. Do not incinerate.

The bottles must be completely empty before disposal.

Dispose of waste in compliance with local regulations.

Tints of Nature Seal & Shine / Scalp Treatment

Composition

Aqueous mixture of naturally derived raw materials.

Ingredients

Polymers	up to 2%
Water	up to 80%

Hazards Identification

See labels for allergens.

Can cause eye irritation.

Ingestion: Ingestion of large amounts may irritate the mouth and digestive tract.

First-Aid Measures

Eyes: Rinse eyes with plenty of water. If irritation persists seek medical advice.

Ingestion: Drink 2-3 glasses of water or milk. Seek medical advice immediately.

Accidental Release Measures

Use plenty of water to dilute and mop up spillages.

Handling & Storage

Store in a cool place away from direct sunlight and other sources of heat. Recommended storage temperature 20 – 25°C. Always avoid freezing. Replace lids after use.

Exposure Controls/Personal Protection

Avoid contact with eyes. Do not use on abraded or sensitive skin.

Disposal

Do not incinerate. Wash down the drain with plenty of water.

Comments

These products are not considered to represent any undue hazards with respect to human health in normal use and under reasonably foreseeable misuse.