

SAFETY DATA SHEET

According to 1907/2006/EC, Article 31

Version No: 4

Revision Date: 21/12/2018

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1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product Name:	Organic Care Hair Conditioner			
Other Name(s):	Normal Balance 400 mL	FM110407	OCN	9310692 421245
	Normal Balance 725 mL	FM110716	N7C	9310692 421276
	Dry Nourish 400 mL	FM110409	OCM	9310692 422242
	Dry Nourish 725 mL	FM110718	M7C	9310692 422273
	Colour Shield 400 mL	FM110411	OCC	9310692 426240
	Coco Repair 400 mL	FM110420	OCR	9310692 429241
Recommended Use:	Hair conditioner			
Supplier:	Natures Organics Pty Ltd			
Address:	31 Cornhill Street Ferntree Gully VIC 3156 Australia			
Telephone:	(+613) 9759 0300			
Emergency Telephone:	(+613) 9759 0300			

2. HAZARDS IDENTIFICATION

GHS Classification of the substance or mixture: This substance / preparation is classified as hazardous according to the GHS of Classification and Labelling of Chemicals, Third Revision.

Classification of the substance or mixture: EYE IRRITATION – Category 2A

GHS label elements

Hazard pictograms:



Signal word: WARNING

Hazard statement(s): H319 Causes serious eye irritation.

Precautionary statements: P264 Wash hands thoroughly after handling.

P280 Wear protective gloves and eye protection.

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to

Organic Care Hair Conditioner

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do. Continue rinsing.

P337+P313

If eye irritation persists: Get medical advice/attention.

3. COMPOSITION / INFORMATION ON INGREDIENTS

<u>Chemical Name</u>	<u>CAS Number</u>	<u>Proportion (%)</u>
Cetrimonium Chloride	112-02-7	< 5%
Phenoxyethanol	122-99-6	< 1%
Dimethicone	63148-62-9	< 5%
Sodium Benzoate	532-32-1	< 1%
Ingredients determined not to be hazardous	-	To 100%

The authorities of the European Community have selected 26 fragrance ingredients which are considered to be potential allergens. If any of these 26 fragrance ingredients are determined to be present at a level of 10 ppm (= 0.001%) or more in a leave-on personal care product or at a level of 100 ppm (= 0.01%) or more in a rinse-off personal care product or detergent product, then they must be included as an ingredient on the product label if the product is to be sold in the European Community. Whilst Australian legislation and regulations for personal care products and detergent products does not require such ingredient disclosure, it is provided below in the interests of transparency and to assist consumers in making an informed choice.

Variant *Fragrance ingredients which are considered to be potential allergens present in the product at a level of 100 ppm (=0.01%) or more*

Normal Balance:	Butylphenyl Methylpropional	CAS 80-54-6	0.044%
	Linalool	CAS 78-70-6	0.030%
	Hexyl Cinnamal	CAS 101-86-0	0.022%
	Benzyl Salicylate	CAS 118-58-1	0.011%
Dry Nourish:	None	-	
Colour Shield:	Linalool	CAS 78-70-6	0.013%
Coco Repair:	None	-	

4. FIRST AID MEASURES

Ingestion:	Rinse mouth out with water. Do not induce vomiting. Give plenty of water to drink. If irritation develops and persists, seek medical advice or contact the Poisons Information Centre (phone Australia 13 1126, NZ 0800 764 766).
Eye:	Immediately hold eyes open and flush with water for at least 15 minutes. If irritation persists, seek medical advice.
Skin:	Wipe off excess with tissue or towel. Remove contaminated clothing. Wash well with water. Seek medical advice if irritation occurs.
Inhaled:	Not applicable.
First Aid Facilities:	Workcover recommended first aid facilities appropriate to the size of the workplace.

Advice to Doctor: Treat symptomatically.

5. FIRE FIGHTING MEASURES

Extinguishing media: Water spray or fog. Foam, dry chemical powder or carbon dioxide extinguishers.

Hazards from combustion products: This mixture is not combustible under normal conditions. However, it will break down under fire conditions and the hydrocarbon component will burn. In a large fire, heating may produce toxic fumes containing hydrogen chloride, carbon monoxide, carbon dioxide and nitrogen oxides.

Personal protective equipment: Fire fighters to wear self-contained breathing apparatus and suitable protective clothing.

Hazchem code: None assigned.

6. ACCIDENTAL RELEASE MEASURES

Emergency procedures: Slippery when spilt. Avoid accidents, clean up immediately. Wear appropriate protective equipment during clean-up.

Methods and materials for containment and clean up: Contain spill to prevent contamination of drains / waterways. Use absorbent material such as sand or earth. Collect and seal in properly labelled containers for disposal in accordance with local regulations. Wash area down with water to remove residual material.

7. HANDLING AND STORAGE

Precautions for safe handling: Avoid eye contact. Follow product label directions. Repeated or prolonged skin contact should be avoided.

Conditions for safe storage: Store in original containers in a cool (below 30°C), dry, well-ventilated area and out of direct sunlight. Store away from foodstuffs and foodstuff containers.

Storage incompatibility: None known.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

National exposure standards: Australia ⁽¹⁾

Ingredient	CAS No. ^(a)	TWA		STEL		Carcinogen Category	Notices
		ppm ^(b)	mg/m ³ ^(c)	ppm ^(b)	mg/m ³ ^(c)		
-	-	-	-	-	-	-	-

where:

TWA = Time Weighted average

STEL = Short Term Exposure Limit

⁽¹⁾ Worksafe Australia Exposure Standard for Atmospheric Contaminants in Occupational Environment [NOHSC:1003 1995]

^(a) CAS No. (Chemical Abstracts Service) is a unique identifying number that is assigned to each chemical.

^(b) Parts of vapour or gas per million of contaminated air by volume at 25°C and 1 atm.

^(c) Milligrams of substance per cubic metre of air.

Sk Absorption through the skin may be a significant source of exposure.

Biological limit values: Not available

Engineering controls: None under normal use conditions.

Personal protective equipment:	Eyes:	Generally not required.
	Hands:	Generally not required.
	Respiratory:	Not normally a hazard due to the non-volatile nature of the product.
	Other:	Always wash hands before smoking, eating, drinking or using the toilet.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	White or off-white viscous lotion
Odour	Characteristic floral odour, variant dependent
pH (neat)	4.0 – 4.5
Vapour Pressure (kPa)	Not available
Boiling Point (°C)	Approximately 100°C (water)
Melting Point (°C)	Not available
Solubility in Water	Readily dispersible
Specific Gravity	Approximately 0.97 @ 20°C
Flash Point (°C)	Not applicable
Flammability Limits	Not flammable
Ignition Temperature	Not available
Specific Heat Value	Not available
VOC Content	< 1%
Evaporation Rate	Not available
Viscosity (cps)	Approximately 12,000 cps @ 20°C
Volatile Component	Approximately 90%
Saturated Vapour Pressure	Not available
Decomposition Temperature	Not available

10. STABILITY AND REACTIVITY

Chemical stability:	Stable under normal conditions.
Conditions to avoid:	Excessive heat and direct sunlight.
Incompatible materials:	None known.
Hazardous decomposition products:	Hydrogen chloride, carbon monoxide, carbon dioxide and nitrogen oxides.
Hazardous reactions:	None known.

11. TOXICOLOGICAL INFORMATION

Potential health effects:

Acute

Swallowed:	May cause irritation if directly introduced to the mouth, throat and stomach. Symptoms may include vomiting, abdominal pain, diarrhoea and nausea.		
Oral LD ₅₀ (rat):	Ingredient	Oral LD ₅₀ (rat)	Dermal LD ₅₀ (rabbit)
	Cetrimonium Chloride	> 2000 mg/kg	1760 mg/kg
Eye:	May cause mild to moderate irritation to the eyes, including redness and stinging.		

Skin: Repeated or prolonged skin contact may lead to irritation.
 Inhaled: Not normally a hazard due to the non-volatile nature of the product.
 Chronic: No information available.

12. ECOLOGICAL INFORMATION

Ecotoxicity: Classified according to GHS as hazardous to the aquatic environment, acute hazard Category 3 ($10 < LC_{50} < 100$) and Chronic hazard Category 2 ($0.1 < NOEC < 1$). The product itself has not been tested, however the product has been classified via summation of all ingredients contained in the product.

Ingredient	DID No. ⁽²⁾	LC ₅₀ / EC ₅₀	NOEC
Decamethylcyclopentasiloxane	Not listed	Not given	0.014
Cetrimonium Chloride	2301	0.08	0.0068

The NOEC for Cyclopentasiloxane quoted above was tested using *Oncorhynchus mykiss* and has been taken from the manufacturer's SDS (No. 1769661-00004 Version 2.1 Revision date: 26/04/2016).

Persistence and Degradability: Cetearyl Alcohol is classified as readily biodegradable (70% DOC reduction) according to OECD 301 A-F criteria.

Cetrimonium Chloride is classified as rapidly biodegradable according to OECD 301 D criteria.

Dimethicone degrades in soil abiotically to form smaller molecules. These in turn are either biodegraded in soil or volatilized into the air where they are broken down in the presence of sunlight. Under appropriate conditions, the ultimate degradation products are inorganic silica, carbon dioxide and water vapour. Due to the very low water solubility of Dimethicone, standard OECD protocols for ready and inherent biodegradability are not suitable for measuring its biodegradability. Dimethicone is removed > 80% during the sewage treatment process.

Decamethylcyclopentasiloxane (D5) meets the current REACH Annex XIII criteria for vPvB. However, D5 does not behave similarly to known PBT/vPvB substances. The weight of scientific evidence from field studies shows that D5 is not biomagnifying in aquatic and terrestrial food webs.

Mobility: No information available.

Other: Avoid contaminating waterways.

13. DISPOSAL CONSIDERATIONS

Waste disposal: Dispose of by incineration or burial in an approved landfill in accordance with Commonwealth, State and Local Government regulations.

14. TRANSPORT INFORMATION

Not classified as Dangerous Goods according to the Australian Code for the Transport of Dangerous Goods by Road and Rail.

UN Number: None

Proper Shipping Name: None

Dangerous Goods Class: None

Subsidiary Risk: None

Pack Group: None

Hazchem Code: None

Marine Pollutant: No
Special precautions for user: None

15. REGULATORY INFORMATION

Poisons Schedule: None.
All components of this product are listed on the Australian Inventory of Chemical Substances (AICS).

16. OTHER INFORMATION

For Emergencies: Australian Poisons Information Centre – phone 13 1126
New Zealand Poisons Information Centre – phone 0800 764 766
Issued By: Pei Chin
Senior Development Chemist
Issue Date: 21/12/2018
Version No.: 4
Supersedes: Revision 3 dated 15/12/2017
Reason for revision: Organic Care Conditioners formulation optimisation

References:

⁽²⁾ Detergent Ingredient Database (DID) List:

<http://ec.europa.eu/environment/ecolabel/documents/Calculation%20Sheet%20cosmetics.xlsx>

The LC₅₀/EC₅₀ and NOEC values quoted in this SDS are those contained in the DID List unless otherwise noted in Section 12.

This SDS summarises to our best knowledge the health and safety hazard information for the product and general guidance on how to safely handle the product in the workplace. Each user must, prior to usage, assess and control the risks arising from its use of the product in the workplace, including in conjunction with other products. This information is presented in good faith and is based on current data considered to be correct to the best of our knowledge.

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