



SAFETY DATA SHEET

According to 1907/2006/EC, Article 31

Version No: 6

Revision Date: 15/02/2019

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1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product Name: Natures Organics Fruits Hair Shampoo

Other Name(s): Apple Fresh 500 mL FM170501 FSA 9310692 031154
Wild Berry 500 mL FM170503 FSB 9310692 034155
Lime & Coconut 500 mL FM170509 FSC 9310692 039150

Recommended Use: Hair shampoo

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 NOT classified as hazardous according to the GHS of Classification and Labelling of Chemicals, Third Revision.

Classification of the substance or mixture: Non-hazardous

GHS label elements

Hazard pictograms: -

Signal word: -

Hazard statements: -

Precautionary statements: -

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS Number	Proportion (%)
Ingredients determined not to be hazardous	7732-18-5	> 60
Sodium Laureth Sulfate	9004-82-4	< 10
Cocamidopropyl Betaine	61789-40-0	< 10
Lauryl Lactyl Lactate	910661-93-7	< 10
Methylchloroisothiazolinone, mixture with Methylisothiazolinone	55965-84-9	< 0.01

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.

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

Variant	Ingredient	CAS Number	Concentration
Apple Fresh	Linalool	78-70-6	0.013%
Wild Berry	-		
Lime & Coconut	Limonene (d- and l-Limonene)	5989-27-5	0.031%
Juicy Fruits	Benzyl Benzoate	120-51-4	0.033%
Blueberry & Coconut	-		

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 carbon monoxide, carbon dioxide, sulfur 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	Apple Fresh Wild Berry Lime & Coconut	Viscous clear liquid Viscous clear liquid Viscous clear liquid
Odour	Characteristic fruity fragrance, variant dependent	
pH (neat)	Approximately 5.3	
Vapour Pressure (kPa)	Not available	
Boiling Point (°C)	Approximately 100°C (water)	
Melting Point (°C)	Not available	
Solubility in Water	Readily soluble	
Specific Gravity	Approximately 1.014 @ 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 12,500 cps @ 20°C	
Volatile Component	Approximately 89%	
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:	Thermal degradation may produce carbon monoxide, carbon dioxide, sulfur 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.		
	Ingredient	Oral LD ₅₀ (rat)	Dermal LD ₅₀ (rabbit)
	Sodium Laureth Sulfate	> 2000 mg/kg	> 2000 mg/kg
	Cocamidopropyl Betaine	2335 mg/kg	> 2000 mg/kg
	Lauryl Lactyl Lactate	> 5000 mg/kg	Not given
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 2 ($1 < LC_{50} < 10$)

Ingredient	DID No. ⁽²⁾	LC ₅₀ / EC ₅₀	NOEC
Sodium Laureth Sulfate	2008	7.1 mg/L	1.9 mg/L
Cocamidopropyl Betaine	2202	0.925 mg/L	0.14 mg/L
Lauryl Lactyl Lactate	Not listed	0.58 mg/L	Not given

The EC₅₀ after 48 hours for Lauryl Lactyl Lactate quoted above was tested using daphnia and has been taken from the manufacturer's SDS (Material ID: 7476 Product code: 3535 Version #: 01 Revision date: 09-22-2014).

Persistence and Degradability: The surfactants contained in this product are classified as readily biodegradable according to OECD criteria 301B or 301D.

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:

Proper Shipping Name:

Dangerous Goods

Class:

Subsidiary Risk:

Pack Group:

Hazchem Code:

Marine Pollutant: Not classified to be a marine pollutant.

Special precautions for user:

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

Prepared By: Elias Belmonte
Chief Chemist

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Reason for Revision: Update on the colour of the products

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 MSDS 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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