SAFETY DATA SHEET

According to 1907/2006/EC, Article 31

Version No: 0 Revision Date: 06/01/2021 Print Date: 1/03/2021

1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product Name:	Undo This Mess Stain Blaster Laundry Liquid		
Other Name(s):	Pack Size	Codes	EAN/UPC Code
	2L	FM212004 UB2	9 310692 602422
Recommended Use:	Laundry liquid for garment washing		
Supplier:	Natures Organics Pty Ltd		
Address:	31 Cornhill Street Ferntree Gully VIC 3156		
Telephone:	+613 9759 0300		
Emergency Telephone:	+613 9759 0300 (8 am to 5 pm EST)		

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
SKIN IRRITATION – Category 2

GHS label elements

Hazard pictograms:

Signal word:	WARNING	
Hazard statement:	H319	Causes serious eye irritation.
	H315	Causes skin irritation.
Precautionary statements:	P264	Wash hands thoroughly after handling.
	P280	Wear eye protection and protective gloves.
	P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

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P310	Immediately call a POISON CENTRE or doctor.
P302+P352	IF ON SKIN: Wash with plenty of soap and water.
P332+P313	If skin irritation occurs: Get medical advice/attention.
P362	Take off contaminated clothing and wash before re-use.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS Number	Proportion (%)
Ingredients determined not to be hazardous	-	> 60
C12-14 Pareth-8	68439-50-9	< 10
Sodium Lauryl Ether Sulfate	68585-34-2	< 10
Coco-Glucoside	110615-47-9	< 10
Ethanol	64-17-5	< 10
Sodium Carbonate	497-19-8	< 10
Fragrance	-	< 1
Subtilisin (and) alpha-amylase	9014-01-1 (and) 9000-90-2	< 1
Mannan endo-1,4-beta-mannosidase	37288-54-3	< 1
1,2-benzisothiazolin-3-one and 2-methyl-4-isothiazolin-3-one	2634-33-5,088-00-6,2682-20-4	< 1

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

Hexyl Cinnamal	CAS 101-86-0	0.018%
Limonene (d- and l-Limonene)	CAS 5989-27-5	0.073%
Linalool	CAS 78-70-6	0.030%

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:	Follow product label directions. Avoid eye contact. 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]		
Ethanol	64-17-5	1000	1880	-	-	-	-

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:	The wearing of eye protection when handling the neat product in industrial situations is recommended.
	Hands:	Wear nitrile or rubber gloves.
	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	Clear pale straw coloured slightly viscous liquid.
Odour	Floral fruity fragrance
pH (neat)	Approximately 8.5
Vapour Pressure (kPa)	Not available
Boiling Point (°C)	Approximately 100°C (water)
Melting Point (°C)	< 0°C
Solubility in Water	Readily soluble
Specific Gravity	Approximately 1.03 @ 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	Approximately 500 cps @ 20°C
Volatile Component	Not available
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:

<u>Acute</u>

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 Carbonate	4090 mg/kg	> 2000 mg/kg

	Sodium Lauryl Ether Sulfate	> 2000 mg/kg	> 10000 mg/kg
	Coco Glucoside	> 2000 mg/kg	> 2000 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: Hazardous to the aquatic environment - acute: Cat. 2
The product has not been tested. The statement has been derived from summation of substances in the formula.

Ingredient	DID No. [2]	LC_{50} / EC_{50}	NOEC
C12-14 Pareth-8	2111	0.4	0.27
Sodium Lauryl Ether Sulfate	2008	7.1	1.9
Coco Glucoside	2136	8.7	-

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: 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
Prepared By:	Joan Huggins Development Chemist
Issue Date:	06/01/2021
Version No:	0
Supersedes:	
Reason for Revision:	New Formulation

References:

(2) Detergent Ingredient Database (DID) List:
http://ec.europa.eu/environment/ecolabel/documents/Calculation%20Sheet%20cosmetics.xlsx
The LC_{50}/EC_{50} and NOEC values quoted are those contained in the DID List

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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