Oriental Rug Shampoo

SECTION 1: SUBSTANCE AND SUPPLIER DETAILS

1.1 Product identifier

PRODUCT NAME: **ORIENTAL RUG SHAMPOO**

1.2 Relevant identified uses: CARPET SHAMPOO

1.3 SUPPLIER: The Restoration Group Limited, 2/68 Thames Street, Pandora, Napier
Phone: 06-835-0065

1.4 EMERGENCY CONTACT: National Poisons Centre Phone: 0800-764-766

SECTION 2: HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

Oriental Rug Shampoo is not classified as Dangerous Goods for Transport

HSNO Approval Number: HSR002530

Classification under the Group Standard Cleaning Products (subsidiary Hazard) Group Standard 2017

HSNO Classification:
6.4A - Causes serious eye irritation.

Remarks
For full text of H-phrases: see SECTION 16.

2.2 Label elements

Signal word **WARNING**

Pictograms

GHS07

Hazard statements

Hazard Statements:
H319 - Causes serious eye irritation.

Prevention Statements:
P264 - Wash hands, exposed skin, thoroughly after handling.
P280 - Wear protective gloves,Protective clothing, eye protection, face protection.

Response Statements:
T749 / T795 T77< 1 WJ WR I] IW> V rwi geyx syw } { xl {exiv jsv wizive q ryxiw2 Viqszi gsrxegx
irwiw0 j tviwirx erh iew} xs hs2 Gsrx ryi v rw rk2
T77; / T757 1 j i}i vv xex sr tivwwxw> Kix q ih ge ehz gi3exx irx sr2

2.3 Other hazards

This material is combustible, but will not ignite readily.

SECTION 3: COMPOSITION

3.1 Substances

not relevant (mixture)

3.2 Mixtures

3.2.1

Name of substance	Identifier	Wt%
Deionized Water	CAS No 7732-18-5	≥ 90
Sodium lauroyl sarcosinate	CAS No 137-16-6	5 - < 15
Dipropylene Glycol Monomethyl Ether	CAS No 34590-94-8	1 - < 5
Ammonium lauryl sulfate	CAS No 2235-54-3	1 - < 5
Fragrance	CAS No Trade Secret	< 1
Ammonium xylenesulfonate	CAS No 26447-10-9	< 1
Lauryl alcohol	CAS No 112-53-8	< 1

For full text of abbreviations: see SECTION 16.

SECTION 4: FIRST AID MEASURES

4.1 Description of firs- aid measures

General notes

Do not leave affected person unattended. Remove victim out of the danger area. Keep affected person warm, still and covered. Take off immediately all contaminated clothing. In all cases of doubt, or when symptoms persist, seek medical advice. In case of unconsciousness place person in the recovery position. Never give anything by mouth.

Following inhalation

If breathing is irregular or stopped, immediately seek medical assistance and start first aid actions. Provide fresh air.

Following skin contact

Wash with plenty of soap and water.

Following eye contact

Remove contact lenses, if present and easy to do. Continue rinsing. Irrigate copiously with clean, fresh water for at least 10 minutes, holding the eyelids apart.

Following ingestion

Rinse mouth with water (only if the person is conscious). Do NOT induce vomiting.

4.2 Most important symptoms and effects, both acute and delayed
Symptoms and effects are not known to date.

4.3 Indication of any immediate medical attention and special treatment needed
none

SECTION 5: FIRE FIGHTING MEASURES

5.1 Extinguishing media

Suitable extinguishing media
water spray, alcohol resistant foam, BC-powder, carbon dioxide (CO2)

Unsuitable extinguishing media
water jet

5.2 Special hazards arising from the substance or mixture

Hazardous combustion products
nitrogen oxides (NOx), carbon monoxide (CO), carbon dioxide (CO2)

5.3 Advice for firefighters
In case of fire and/or explosion do not breathe fumes. Co-ordinate firefighting measures to the fire surroundings. Do not allow firefighting water to enter drains or water courses. Collect contaminated firefighting water separately. Fight fire with normal precautions from a reasonable distance.

SECTION 6 : ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

For non-emergency personnel
Remove persons to safety.

For emergency responders
Wear breathing apparatus if exposed to vapors/dust/aerosols/gases.

6.2 Environmental precautions
Keep away from drains, surface and ground water. Retain contaminated washing water and dispose it.

6.3 Methods and material for containment and cleaning up

Advices on how to contain a spill
Covering of drains.

Advices on how to clean up a spill
Wipe up with absorbent material (e.g. cloth, fleece). Collect spillage (sawdust, kieselgur (diatomite), sand, universal binder).

Appropriate containment techniques
Use of adsorbent materials.

Other information relating to spills and releases
Place in appropriate containers for disposal. Ventilate affected area.

6.4 Reference to other sections
Hazardous combustion products: see section 5. Personal precautions: see section 8. Incompatible materials: see section 10. Disposal considerations: see section 13.

SECTION 7: Handling and Storage

7.1 Precautions for safe handling

Recommendations

Measures to prevent fire as well as aerosol and dust generation
Use local and general ventilation. Use only in well-ventilated areas.

Advice on general occupational hygiene
Wash hands after use. Do not to eat, drink and smoke in work areas. Remove contaminated clothing and protective equipment before entering eating areas. Never keep food or drink in the vicinity of chemicals. Never place chemicals in containers that are normally used for food or drink. Keep away from food, drink and animal feedingstuffs.

7.2 Conditions for safe storage, including any incompatibilities

Managing of associated risks

Incompatible substances or mixtures Observe compatible storage of chemicals. **Control of the effects**

Protect against external exposure, such as frost.

7.3 Specific end use(s)

See section 16 for a general overview.

SECTION 8: Exposure Controls / Personal Protection

8.1 Workplace Exposure Standards NZ:

No workplace Exposure Standards have been established for this product

Workplace Exposure Standards have been established for the following:

Country	Name of agent	CAS No		TWA [ppm]	TWA [mg/m³]	STEL [ppm]	STEL [mg/m³]	Source
NZ	dipropylene glycol methyl ether	34590-94-8	PEL	100	600			29 CFR OSHA

note:

STEL Short-term exposure limit: a limit value above which exposure should not occur and which is related to a 15-minute period unless otherwise specified.

TWA Time-weighted average (long-term exposure limit): measured or calculated in relation to a reference period of 8 hours time-weighted average.

8.2 Exposure controls

Appropriate engineering controls
General ventilation.

Individual protection measures (personal protective equipment)

Eye/face protection
Wear eye/face protection.

Skin protection

• hand protection

Wear suitable gloves. Chemical protection gloves are suitable, which are tested according to EN 374. Check leak-tightness/impermeability prior to use. In the case of wanting to use the gloves again, clean them before taking off and air them well. For special purposes, it is recommended to check the resistance to chemicals of the protective gloves mentioned above together with the supplier of these gloves.

• other protection measures

Take recovery periods for skin regeneration. Preventive skin protection (barrier creams/ointments) is recommended. Wash hands thoroughly after handling.

Respiratory protection

In case of inadequate ventilation wear respiratory protection.

Environmental exposure controls

Use appropriate container to avoid environmental contamination. Keep away from drains, surface and ground water.

SECTION 9: Physical and Chemical Properties

9.1 Information on basic physical and chemical properties

Appearance

Physical state	liquid
Color	amber
Odor	Orange Citrus Aroma

Other physical and chemical parameters

pH (value)	7.5
Melting point/freezing point	not determined
Initial boiling point and boiling range	189.6 °C
Flash point	75 °C at 1,013 hPa
Evaporation rate	not determined
Flammability (solid, gas)	not relevant (fluid)
Explosive limits	
• lower explosion limit (LEL)	1.1 vol%
• upper explosion limit (UEL)	14 vol%
Vapor pressure	0.28 mmHg at 20 °C
Density	not determined
Relative density	not determined
Solubility(ies)	not determined
Auto-ignition temperature	207 °C
Viscosity	not determined
Explosive properties	none
Oxidizing properties	none

SECTION 10: STABILITY AND REACTIVITY

10.1 Reactivity
Concerning incompatibility: see below "Conditions to avoid" and "Incompatible materials".

10.2 Chemical stability
See below "Conditions to avoid".

10.3 Possibility of hazardous reactions
No known hazardous reactions.

10.4 Conditions to avoid
There are no specific conditions known which have to be avoided.

Physical stresses which might result in a hazardous situation and have to be avoided
strong shocks

10.5 Incompatible materials
There is no additional information.

10.6 Hazardous decomposition products
Reasonably anticipated hazardous decomposition products produced as a result of use, storage, spill and heating are not known. Hazardous combustion products: see section 5.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1 Acute Exposure

Acute toxicity
Shall not be classified as acutely toxic.

Acute toxicity of components of the mixture:

Name of substance	CAS No	Exposure route	ATE
sodium lauroyl sarcosinate	137-16-6	inhalation: dust/mist	5
Ammonium lauryl sulfate	2235-54-3	oral	500

Skin corrosion/irritation
Shall not be classified as corrosive/irritant to skin.

Serious eye damage/eye irritation
Causes serious eye irritation.

Respiratory or skin sensitisation
Shall not be classified as a respiratory or skin sensitiser.

Summary of evaluation of the CMR properties
Shall not be classified as germ cell mutagenic, carcinogenic nor as a reproductive toxicant.

Carcinogenicity

- National Toxicology Program (United States): none of the ingredients are listed
- IARC Monographs none of the ingredients are listed

Shall not be classified as hazardous to the aquatic environment.

Aquatic toxicity (acute)

Toxicity data is based on hazardous ingredient information and information in the EPA Chemical Classification and Identification Database.

SECTION 12: ECOLOGICAL INFORMATION

12.1 Toxicity

Name of substance	CAS No	Endpoint	Value	Species	Exposure time
sodium lauroyl sarcosinate	137-16-6	LC50	107 mg/l	fish	96 hours
sodium lauroyl sarcosinate	137-16-6	EC50	29.7 mg/l	aquatic invertebrates	48 hours
sodium lauroyl sarcosinate	137-16-6	ErC50	79 mg/l	algae	72 hours
Dipropylene Glycol Monomethyl Ether	34590-94-8	LC50	>1,000 mg/l	fish	96 hours
Dipropylene Glycol Monomethyl Ether	34590-94-8	ErC50	>969 mg/l	algae	72 hours
Dipropylene Glycol Monomethyl Ether	34590-94-8	EC50	>969 mg/l	algae	72 hours
lauryl alcohol	112-53-8	LC50	1.01 mg/l	fish	96 hours
lauryl alcohol	112-53-8	EC50	0.765 mg/l	aquatic invertebrates	48 hours
lauryl alcohol	112-53-8	ErC50	0.66 mg/l	algae	72 hours

Aquatic toxicity (chronic)

Aquatic toxicity (chronic) of components of the mixture

Name of substance	CAS No	Endpoint	Value	Species	Exposure time
sodium lauroyl sarcosinate	137-16-6	EC50	>1,000 mg/l	microorganisms	3 h
Dipropylene Glycol Monomethyl Ether	34590-94-8	LC50	>1,000 mg/l	aquatic invertebrates	24 h

Biodegradation

The relevant substances of the mixture are readily biodegradable.

12.2 Persistence and degradability

Data are not available.

Degradability of components of the mixture

Name of substance	CAS No	Process	Degradation rate	Time
sodium lauroyl sarcosinate	137-16-6	carbon dioxide generation	82 %	28 d
Dipropylene Glycol Monomethyl Ether	34590-94-8	oxygen depletion	75 %	10 d
Dipropylene Glycol Monomethyl Ether	34590-94-8	DOC removal	96 %	28 d
Dipropylene Glycol Monomethyl Ether	34590-94-8	carbon dioxide generation	76 %	28 d

12.3 Bioaccumulative potential

Data are not available.

Bioaccumulative potential of components of the mixture

Name of substance	CAS No	BCF	Log KOW	BOD5/COD
sodium lauroyl sarcosinate	137-16-6		0.37	
Dipropylene Glycol Monomethyl Ether	34590-94-8		0.0043	
lauryl alcohol	112-53-8		5.4	

12.4 Mobility in soil

Data are not available.

12.5 Results of PBT and vPvB assessment

Data are not available.

12.6 Other adverse effects

Data are not available.

SECTION 13: DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

Sewage disposal-relevant information

Do not empty into drains. Avoid release to the environment. Refer to special instructions/safety data sheets.

Waste treatment of containers/packages

Completely emptied packages can be recycled. Handle contaminated packages in the same way as the substance itself.

Remarks

Please consider the relevant national or regional provisions. Waste shall be separated into the categories that can be handled separately by the local or national waste management facilities.

SECTION 14: TRANSPORT INFORMATION

14.1 **Oriental Rug Shampoo** is not classified as a Dangerous Good for transport in accordance with NZS**5433:2012,** IMDG or IATA**.**

Ensure transportation methods prevent leakage from packages and collapsing loads.

SECTION 15: Regulatory Information

15.1

HSNO Approval Number:	HSR002530
Classification:	Group Standard Cleaning Products (Subsidiary Hazard)Group Standard 2017
HSNO Classification:	6.4A - Causes serious eye irritation.

This substance is not required to be Tracked. All workplace personnel handling this substance are required to be trained on the safe handling and PPE requirements for the hazards associated with this substance.

SECTION 16: OTHER INFORMATION

Abbreviations and acronyms

Abbr	Descriptions of used abbreviations
29 CFR OSHA	29 CFR §1910.1001 - Occupational Safety and Health Standards: Toxic and Hazardous Substances (permissible exposure limits)
ATE	Acute Toxicity Estimate
BCF	BioConcentration Factor
BOD	Biochemical Oxygen Demand
CAS	Chemical Abstracts Service (service that maintains the most comprehensive list of chemical substances)
CLP	Regulation (EC) No 1272/2008 on classification, labeling and packaging of substances and mixtures
CMR	Carcinogenic, Mutagenic or toxic for Reproduction
COD	chemical oxygen demand
DMEL	Derived Minimal Effect Level
DNEL	Derived No-Effect Level
GHS	"Globally Harmonized System of Classification and Labelling of Chemicals" developed by the United Nations
HMIS	Hazardous Materials Identification System
IARC Monographs	IARC Monographs on the Evaluation of Carcinogenic Risks to Humans
log KOW	n-octanol/water
MARPOL	International Convention for the Prevention of Pollution from Ships (abbr. of "Marine Pollutant)
NFPA® 704	National Fire Protection Association: Standard System for the Identification of the Hazards of Materials for Emergency Response (United States)
NPCA-HMIS® III	National Paint and Coatings Association: Hazardous Materials Identification System - HMIS® III, Third Edition
OSHA	Occupational Safety and Health Administration (United States)
PBT	Persistent, Bioaccumulative and Toxic
PEL	permissible exposure limit
PNEC	Predicted No-Effect Concentration
ppm	parts per million
STEL	short-term exposure limit
TWA	time-weighted average
vPvB	very Persistent and very Bioaccumulative

Key literature references and sources for data

- OSHA Hazard Communication Standard (HCS), 29 CFR 1910.1200
- Hazardous Materials Table (DOT)

The information provided in this Safety Data Sheet relates only to the specific material designated herein. This Safety Data Sheet summarises our best knowledge of the health and safety hazard information of the product and how to safely handle the product in the workplace. Each user should read this SDS and consider the information in the context of how the product will be handled and used in the workplace including its use in conjunction with other products.

This substance is approved under HSNO for use as a cleaning chemical. All reasonable care has been taken to ensure that the information and advice contained herein are from sources believed to be reliable and to represent the most up-to-date knowledge available at the date given in Section 16. No liability is assumed for any damages related to the use or misuse of this substance.

All chemical materials may present unknown hazards as people have varying degrees of sensitivity to chemicals. Therefore, this product should be used with caution. The information herein is given in good faith, but no warranty, express or implied is made.

SDS Issued: 01 May 2020

Reason for Revision: Update to New Zealand regulatory requirements.

References:

EPA NZ Chemical Classification and Information Database
EPA Guide: Assigning a Hazardous Substance to a Group Standard, 2014 Supplier
SDS: Masterblend USA, Urine Lock BioEnzyme Odor Encapsulator

END OF SAFETY DATA SHEET