

Safety Data Sheet

StarGard Acid Rain Neutralising Shampoo

Revised: 08.03.2002

Date printed: 06.11.2002

01. Identification of the substance / preparation and of the company

PRODUCT NAME: StarGard Acid Rain Neutralising Shampoo, 600ml
SUPPLIER: SUPAGARD LIMITED
19-29 Gavinton St.
Muirend
Glasgow, G44 3EF
TEL: 0141 633 5933
FAX: 0141 637 7219
EMERGENCY TELEPHONE: (+00 44) (0)161 620 5400 NOTE! TO BE USED FOR CHEMICAL EMERGENCIES ONLY!!!

02. Composition / Information on ingredients

Substance	EINECS	CAS	Range [%]	Symbol / R-phr.
(2-Methoxymethylethoxy)propanol	252-104-2	34590-94-8	1-<10	
Disodium metasilicate	229-912-9	6834-92-0	5-<10	C 34-37

03. Hazards identification



Irritant -

R36/38: Irritating to eyes and skin.

04. First aid measures

General information

Change soaked clothing.

Inhalation

Not applicable.

Skin contact

In case of contact with skin wash off immediately with plenty of water. Consult a doctor if skin irritation persists.

Eye contact

In case of contact with eyes rinse thoroughly with plenty of water and seek medical advice.

Ingestion

Do not induce vomiting. Rinse out mouth and give plenty of water to drink. Refer for medical treatment.

Advice to doctor

Treat symptomatically.

05. Fire-fighting measures

Suitable extinguishing media

Product itself is non-combustible, fire extinguishing method of surrounding areas must be considered.

Extinguishing media that must not be used

Full water jet.

Special exposure hazards arising from the substance or preparation itself or combustion products

Risk of formation of toxic pyrolysis products .

Special protective equipment for firefighters

Use self-contained breathing apparatus.

Additional information

Fire residues and contaminated firefighting water must be disposed of in accordance with the local regulations.

06. Accidental release measures

Personal precautions

High risk of slipping due to leakage/spillage of product.

Environmental precautions

Do not discharge into the drains/ surface waters/ groundwater. Prevent spread over a wide area (e.g. by containment or oil barriers).

Methods for cleaning up/taking up

Take up with absorbent material (e.g. sand, sawdust, general-purpose binder). Dispose of absorbed material in accordance with the regulations.

07. Handling and storage

Advice on safe handling

No special measures necessary if used correctly.

Advice on protection against fire and explosion

No special measures necessary.

Requirements for storage rooms and vessels

Keep only in original container. Provide alkali-resistant floor.

Advice on storage compatibility

None.

Further information on storage conditions

Keep container tightly closed.

08. Exposure controls / personal protection

Additional advice on system design

Ingredients with occupational exposure limits to be monitored

Substance	Value:
(2-Methoxymethylethoxy)propanol	MAK: 50 ppm 2000

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Respiratory protection Not applicable.
Hand protection Suitable protective gloves:
Plastic gloves.
Eye protection Safety glasses.
Skin protection Not applicable.
General protective measures
Avoid contact with eyes and skin.
Hygiene measures
At work do not eat, drink, smoke or take drugs. Use barrier skin cream. Wash hands before breaks and after work.
Limitation and controlling of the environment pollution

Acute inhalational toxicity LC50 :
OECD 403

Irritant effect on eye OECD 405

Irritant effect on skin OECD 404

Sensitization / Validation OECD 406

Subacute toxicity

Chronic toxicity

Mutagenicity / validation

Reproduction toxicity / Validation

Carcinogenicity / Validation

Experiences made in practice

None.

General remarks

No toxicological data are available. The product was classified on the basis of the calculation procedure of the preparation directive.

09. Physical and chemical properties

Form: Liquid.
Colour: Green.
Odour: Characteristic.
pH-value: 11,5-12,5
Boiling point [°C]: -
Flash point [°C]: Not applicable.
Flammability: -
Lower explosion limit: -
Upper explosion limit: -
Combustible properties: No
Vapour pressure [kPa]: -
Density [g/ml]: 1,08
Solubility in water: Miscible.
Partition coefficient: n-octanol / water: -
Viscosity: Not applicable.
Relative vapour density determined in air
Speed of evaporation:
Melting point [°C]: -
Autoignition temperature: -

10. Stability and reactivity

Hazardous reactions
Reactions with acids.
Hazardous decomposition products
No hazardous decomposition products known.

11. Toxicological information

Acute oral toxicity LD50 :
OECD 401
Acute dermal toxicity LD50 :

12. Ecological information

Fish toxicity
Behaviour in environment compartments
Not determined.
Behaviour in sewage plant
Bacteria toxicity
Biodegradable

Chemical oxygen demand (COD)

Biochemical oxygen demand (BOD5)

AOX-advice

No dangerous components.

Contains compounds of 76/464/EC

Not applicable.

General information

Ecological data are not available.

13. Disposal considerations

Disposal / Product

For recycling, consult manufacturer. Dispose of as hazardous waste.

Waste no. 070601*

Disposal / Contaminated packaging

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Uncontaminated packaging may be taken for recycling. Packaging that cannot be cleaned should be disposed of as for product.

14. Transport information

14.1 Classification according to ADR:

ADR: not classified a

Dangerous Goods

Declaration:

Labelling

Factor, ADR

1.1.3.6.3:

Hazard-no: -

Label:

Vapour pressure [kPa]: -

ADR-Conditions for limited quantities(LQ): -

Dangerous Goods not classified as Dangerous

Declaration: Goods

Labelling

Label:

Inner packing, max.:

Total gross mass of a package:

14.2 Classification according to IMDG:

IMDG-Code: not classified as Dangerous Goods

Dangerous Goods

Declaration:

Labelling

Label:

IMDG-Conditions for limited quantities(LQ):

Dangerous Goods not classified as Dangerous

Declaration: Goods

Labelling

Label:

Inner packing, max.:

Total gross mass of a package:

14.3 Classification according to IATA:

IATA-DGR: not classified as Dangerous Goods

Dangerous Goods

Declaration:

Labelling

Label:

15. Regulatory information

Labelling

The product is classified and labelled in accordance with EC directives

Hazard symbols



Irritant -

R36/38: Irritating to eyes and skin.

S2: Keep out of the reach of children.

S26: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

S46: If swallowed, seek medical advice immediately and show this container or label.

Special labelling for certain preparations

Not applicable.

National regulations

Not applicable.

16. Other informations

R phrases (Substance)

R34: Causes burns.

R37: Irritating to respiratory system.

89/542/EWG, contains:

< 5% EDTA

< 5% phosphates

Regulatory information

* 91/155 (2001/58)

* 67/548 (2001/59)

* 1999/45 (2001/60)

* 91/689 (2001/118)

* 89/542

* ADR (23.07.01)

* IMDG-Code (30.Amdt.)

* IATA-DGR (2002)

* Classification according to VbF

* Water hazard class

Modified position:

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