



MATERIAL SAFETY DATA SHEET

Reference: HSHARP2IN1

Creation date: 27 November 2002

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1 IDENTIFICATION OF THE PRODUCT AND THE COMPANY

PRODUCT : HARPIC TOILET BOWL CLEANER 2 IN 1

Company

Reckitt Benckiser UK Ltd
Delta 1200, Welton Road
Delta Business Park
Swindon, Wiltshire, SN5 7XZ
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2 COMPOSITION /INFORMATION ON INGREDIENTS

The cleaning block contains the following components

20 – 40 %	SODIUM ALKYL BENZENE SULPHONATE	Xi; R38/41	Cas no: 25155-30-
20 – 40 %	SODIUM ALPHA OLEFIN SULPHONATE	Xi; R38/41	Cas no: 68439-57-6
< 10 %	ALKYL MONOETHANOLAMIDE	Xi; R41	Cas no: 142-78-9

The hyperscent gel contains the following components:

Marine: Contains citronellol (>1%), coumarin (>1%) and eugenol (>1%). Xi; R43
Lavender: Contains citronellol (<1%), coumarin (<1%), eugenol (<1%), geraniol (<1%), cinnamic alcohol (<1%) and hydroxycitronellol (<1%). R43
Citrus: Contains geraniol (<1%), triplal (<1%), damascone alpha (<1%), and damascenone (<1%) R43

Key to R phrases:

R38 Irritating to skin
R41 Risk of serious damage to eyes
R43 May cause sensitisation by skin contact. (For marine variant only)

3 HAZARDS IDENTIFICATION

Eye Contact Contact with naked block may cause serious damage to eyes.

Skin Contact Contact with naked block & gel may cause skin irritation.

Ingestion Ingestion may cause irritation to the digestive system, nausea and possibly vomiting.

4 FIRST AID MEASURES

Eye Contact Immediately wash out eye with plenty of water for at least 10 minutes holding the eye open. Seek medical advice if symptoms persist.

Skin Contact Wash skin with plenty of water. Seek medical advice if skin appears damaged.

Ingestion If swallowed, seek medical advice immediately. Wash out mouth with water. Do not induce vomiting.

Inhalation Not relevant

5 FIRE FIGHTING MEASURES

Specific Dangers: The product is not flammable and will not support combustion, i.e. it will not burn. Fumes containing carbon dioxide, carbon monoxide and sulphur dioxide may be formed in large fires. In case of fire, self-contained breathing apparatus should be worn.

Extinguisher Type: Powder, foam, sand and water spray. Avoid using great quantities of water.

6 ACCIDENTAL RELEASE MEASURES

See also Sections 8 and 13

Small spillage Dispose of with normal household waste.

Medium and Large spillage's May make floor very slippery. Wear impervious gloves/overalls and eye protection while cleaning up spillage. Do not wash into drains. Do not mix with other waste materials. Store in plastic drums and consult your local Water Authority, Environmental Protection Agency, local council or an expert for advice on disposal.

7 STORAGE AND HANDLING

Handling Avoid all direct contact with the product
Storage Store in a cool, dry, frost-free place.

8 EXPOSURE CONTROLS / PERSONAL PROTECTING MEASURES

See also Section 7

Occupational Exposure limits: None assigned

Engineering Controls : Avoid contact with skin and eyes.

Personal Protective Equipment

Respiratory	None necessary under normal working conditions
Hands	Wear rubber gloves if exposure is likely to be prolonged
Eyes	None necessary under normal working conditions
Skin	Wear an apron or coveralls if exposure is to be prolonged

The product may cause skin sensitisation. Data above refers to contact with large quantities of hyper-scent gel.

9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Solid, white, yellowish, round

pH:10% water solution: 8.5-10

pH: 1% water solution: 7,5-9

Density: 1.25 to 1.35

FOT THE HYPERSCENT GEL

<u>Appearance</u>	Transparent and rubbery gel. Lavender: Violet Citrus: Yellow Marine: Blue
<u>Odour</u>	Characteristic of variant descriptor.

10 STABILITY AND REACTIVITY

The product is stable and unreactive under normal use conditions.

Conditions to Avoid: temperature above 40°C for a long period of time.

Materials to Avoid: not applicable

Hazardous Decomposition Products: no known hazard

11 TOXICOLOGICAL INFORMATION

See also Section 2 and 3

THE CLEANING BLOCK is classified as "Irritating to skin and risk of serious damage to eyes". Under normal use this product will not cause toxicological problems.

SODIUM ALKYL BENZENE SULPHONATE :

Acute toxicity : LD 50 >2000 mg/kg (oral/rat)

Irritation: Ingestion: May cause irritation to mouth and upper digestive tract.
Skin: May produce significant skin irritation after prolonged contact.
Eye: In experimental studies, causes significant eye irritation with the possibility of persistent effects if not immediately washed.

SODIUM ALPHA OLEFIN SULPHONATE:

Acute toxicity : LD 50 >2000 mg/kg (oral/rat)

Irritation: Ingestion: May cause irritation to mouth and upper digestive tract.
Skin: May produce significant skin irritation after prolonged contact.
Eye: In experimental studies, causes significant eye irritation with the possibility of persistent effects.

ALKYL MONOETHANOL AMIDE:

Irritation: Eye: In experimental studies, causes significant eye irritation with the possibility of persistent effects.

- THE HYPERSCENT GEL

This product possesses no known toxicological hazards.

MSDS Firmenich text for all fragrances:

This preparation has not been subjected to toxicological testings as an entity but has been blended from materials with established toxicological bibliographies. In view of the difficulty of using current standard toxicological evaluation techniques to predict potential hazards to susceptible individuals or arising from unforeseeable potentiation, this preparation should be considered and handled as if it displayed health hazards and treated in consequence with all possible precaution.

12 ECOLOGICAL INFORMATION

See also Sections 6,7,13 and 15

SODIUM ALKYL BENZENE SULPHONATE:

Biodegradability: This product is readily biodegradable. Do not release into surface waters.

SODIUM ALPHA OLEFIN SULPHONATE:

Biodegradability: This product is readily biodegradable. Do not release into surface waters.

ALKYL MONOETHANOL AMIDE:

Biodegradability: This product is readily biodegradable. Do not release into surface waters.

The fragrances used in the hyper-scent gel are classified as R52/53. Harmful to aquatic organisms, may cause long terms effects in the aquatic environment.

13 DISPOSAL CONSIDERATION

<u>Consumer Instructions</u>	May be disposed of with normal household waste
<u>Bulk Quantities</u>	Dispose of in accordance with local, regional or national requirements.
(Unsold stock)	For further information contact your local waste authority.

14 TRANSPORT INFORMATION

Not classified as hazardous for international transport by land, sea or air. National transport regulations may apply.

Custom tarif: 34 02 20 90 00

15 REGULATORY INFORMATION

This product has been classified as dangerous for supply in the EU as follows:-

Xi – IRRITANT

R38	Irritating to skin.
R41	Risk of serious damage to eyes.
R43	May cause sensitisation by skin contact. (Marine version) Contains: citronellol, coumarin and eugenol.
R52/53	Harmful to aquatic organisms, may cause long term-adverse effects to the aquatic environment.
S2	Keep out of reach of children Do not place in mouth
S24	Avoid contact with skin
S25	Avoid contact with eyes
S26	In case of contact with eyes rinse immediately with plenty of water and seek medical advice.
S28	After contact with skin, wash immediately with plenty of water.
S37	Wear suitable gloves (Only for the marine variant)
S39	Wear eye/face protection
S46	If swallowed seek medical advice immediately and show this container or label.

For the Lavender:

- Contains citronellol, coumarin, geraniol, cinnamic alcohol, hydroxycitronellal and eugenol. May produce an allergic reaction.

For the Citrus:

- Contains geraniol, triplal, damascone alpha and damascenone. May produce an allergic reaction.

The following directive is relevant to the above classification and labelling of this product.

Council Directive 88/379/EEC of 7 June 1988 and 1999/45/EEC of 31 May 1999 on the approximation of the laws, regulations and administrative provisions of the Member States relating to the classification, packaging and labelling of dangerous preparations.

16 OTHER INFORMATION

This product contains amongst other ingredients :
30% and more of Anionic surfactants
From 5 to 15 % of Nonionic surfactants

Data sources used in the preparation of this Safety Data Sheet : raw materials suppliers 'Safety Data Sheets'

“HARPIC” is a trademark

This document complements the technical usage instructions but does not replace them. The information contained herein is based on our best current technical knowledge of the product concerned, and is given in good faith. The attention of recipients is drawn to (amongst other things) the element of risk consequent to use of the product for a purpose other than that for which it was intended.

In no way does this document remove the need of the recipient of the product to fully understand and apply statutory requirements. It is the recipient's sole responsibility to take due precautions relative to the use made of the product.

All information contained herein is included only to assist the recipient in fulfilling his or her statutory duty connected with the use of hazardous materials.

This list of information must not be considered as exhaustive, and does not exonerate the recipient from taking other precautions described in documents other than those mentioned, concerning the storage and use of the product, for which he or she remains the sole person responsible.

Comment for non-printing information:

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Non-printing information:

Product Category:	LAVATORY CARE
Formula reference(s):	158324, 158325, 158326
Factory:	Gadgets & Blister