

SAFETY DATA SHEET

DAILY KLEEN

1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING:

1.1 PRODUCT IDENTIFIER: DAILY KLEEN

1.2. RELEVANT IDENTIFIED USES OF THE SUBSTANCE OR MIXTURE AND USES ADVISED AGAINST

RELEVANT IDENTIFIED USES: Detergent sanitizer

USES ADVISED AGAINST: No additional information available.

1.3 DETAILS OF THE SUPPLIER OF THE SAFETY DATA SHEET

SUPPLIER: Dalesauna Ltd
Jubilee Court, Copgrove
North Yorkshire, HG3 3TB

TELEPHONE: +44(0)1423 798630

E-MAIL: sales@dalesauna.co.uk

1.4 EMERGENCY TELEPHONE NUMBER

EMERGENCY TELEPHONE: +44(0)1423 798630

2. HAZARDS IDENTIFICATION:

2.1 CLASSIFICATION OF THE SUBSTANCE OR MIXTURE

CLASSIFICATION (1999/45 (CHIP)): Xi: R38, R41, N: R51/53

CLASSIFICATION (EC 1272/2008 (CLP)):

Physical : Not classified
Health: Skin Irrit. 2 – H315, Eye Dam. 1 - H318
Environmental: Aquatic Chronic 2 - H411

2.2 LABEL ELEMENTS

LABEL IN ACCORDANCE WITH (EC 1272/2008 (CLP)):



SIGNAL WORD: Danger

HAZARD STATEMENTS:
H315 Causes skin irritation.
H318 Causes serious eye damage.
H411 Toxic to aquatic life with long lasting effects.

PRECAUTIONARY STATEMENTS:
P102 Keep out of reach of children.
P264 Wash skin thoroughly after handling.
P280 Wear protective gloves/protective clothing/eye protection/face protection.
P305/351/338 IF IN EYES: Rinse cautiously with water for several minutes.
Remove contact lenses, if present and easy to do. Continue rinsing.
P273 Avoid release to the environment
P501 Dispose of contents/container as hazardous waste.

SUPPLEMENTARY PRECAUTIONARY STATEMENTS:

P302/352 IF ON SKIN: Wash with plenty of soap and water.
P332/313 If skin irritation occurs: Get medical advice/attention.
P362 Take off contaminated clothing and wash before reuse.
P310 Immediately call a POISON CENTRE or doctor/physician.
P391 Collect spillage.

2.3 OTHER HAZARDS

No additional information available.

3. COMPOSITION/INFORMATION ON INGREDIENTS:**3.1 SUBSTANCES**

Not applicable.

3.2 MIXTURES

INGREDIENT NAME:	EINECS	CAS No.	CONTENT
C9-11 ALCOHOL ETHOXYLATE WITH 6.5MEO	-	68439-45-2	5-10 %
Classification (EC 1272/2008 (CLP))	Classification (67/548 (CHIP))		
Acute Tox. 4 – H302, Eye Dam. 1 – H318	Xn:R22, Xi:R41		

INGREDIENT NAME:	EINECS	CAS No.	CONTENT
QUATERNARY AMMONIUM COMPOUNDS, BENZYL-C8-C18-ALKYLDIMETHYL, CHLORIDES	264-151-6	63449-41-2	1-5 %
Classification (EC 1272/2008 (CLP))	Classification (67/548 (CHIP))		
Met. Cor. 1 – H290, Skin Cor. 1B – H314, Acute Tox. 4 – H302, Acute Tox. 4 – H312, Aquatic Acute 1 – H400	C:R34, Xn: R21/22, N: R50		

The full text for all R-phrases and H-statements are shown in section 16

COMPOSITION COMMENTS:

Aqueous solution of surfactant and biocide.

4. FIRST AID MEASURES:**4.1 DESCRIPTION OF FIRST AID MEASURES**

INHALATION: Move the exposed person to fresh air at once. Keep the affected person warm and at rest. Get prompt medical attention.

INGESTION: DO NOT INDUCE VOMITING! Rinse mouth thoroughly. Drink plenty of water. Get medical attention immediately!

SKIN: Remove contaminated clothing. Rinse with water. Contact physician if discomfort continues.

EYES: Immediately rinse with water. Continue to rinse for at least 15 minutes. Obtain medical attention.

4.2 MOST IMPORTANT SYMPTOMS AND EFFECTS, BOTH ACUTE AND DELAYED

INHALATION: Inhalation of aerosol or mist may irritate the respiratory tract.

INGESTION: Liquid may irritate mucous membranes and may cause abdominal pain if swallowed.

SKIN: Prolonged or repeated exposure may cause irritation.

EYES: Irritating to eyes. May cause permanent damage.

4.3 INDICATION OF ANY IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT NEEDED

Refer to section 4.1

5. FIREFIGHTING MEASURES:

5.1 EXTINGUISHING MEDIA

Carbon dioxide (CO₂). Foam. Dry chemicals, sand, dolomite etc., water.

5.2 SPECIAL HAZARDS ARISING FROM THE SUBSTANCE OR MIXTURE

May emit toxic fumes if burnt.

5.3 ADVICE FOR FIREFIGHTERS

Wear self-contained breathing apparatus. Keep run-off water out of sewers and water sources.

6. ACCIDENTAL RELEASE MEASURES:

6.1 PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES

6.1.1 FOR NON-EMERGENCY PERSONNEL

Wear suitable gloves and eye/face protection.

6.1.2 FOR EMERGENCY RESPONDERS

Wear suitable gloves and eye/face protection.

6.2 ENVIRONMENTAL PRECAUTIONS

Do not allow to enter the surface water drain, sewers, or ground

6.3 METHODS AND MATERIAL FOR CONTAINMENT AND CLEANING UP

Wear necessary protective equipment. Absorb in vermiculite, dry sand or earth. Place into containers. Containers with collected spillage must be properly labelled with correct contents and hazard symbol.

6.4 REFERENCE TO OTHER SECTIONS

See section 8 for further information on personal protective equipment. See section 13 for disposal.

7. HANDLING AND STORAGE:

7.1 PRECAUTIONS FOR SAFE HANDLING

Avoid spilling, skin and eye contact.

7.2 CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATIBILITIES

Keep in cool, dry, ventilated storage and closed containers. General chemical storage.

7.3 SPECIFIC END USE(S)

Detergent sanitizer

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION:

8.1 CONTROL PARAMETERS

INGREDIENT NAME:	CAS No.:	STD:	LT EXP. 8 HRS:	ST EXP. 15 MIN:
-	-	-	-	-

INGREDIENT COMMENTS:

-

8.2 EXPOSURE CONTROLS

8.2.1 Appropriate engineering controls

VENTILATION: Provide sufficient ventilation during operations which cause vapour formation.

PROTECTIVE EQUIPMENT:



8.2.2 Individual protection measures, such as personal protective equipment**PROCESS CONDITIONS:**

Provide eyewash station. Protect against static discharge.

RESPIRATORS:

Wear an approved respirator if exposed to aerosol or mist in enclosed areas.

PROTECTIVE GLOVES:

Chemical resistant gloves required for prolonged or repeated contact.

EYE PROTECTION:

Wear approved chemical safety goggles where eye exposure is reasonably probable.

HYGIENIC WORK PRACTICES:

Wash at the end of each work shift and before eating, smoking and using the toilet. Wash promptly if skin becomes wet or contaminated.

8.2.3 Environmental exposure controls

No additional information available.

9. PHYSICAL AND CHEMICAL PROPERTIES:

9.1 INFORMATION ON BASIC PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE:	Clear liquid.
COLOUR:	Green
ODOUR/TASTE:	Mild / Fruit
SOLUBILITY DESCRIPTION:	Miscible with water.
BOILING POINT (°C, interval):	100 PRESSURE:
MELT./FREEZ. POINT (°C, interval):	<0
DENSITY/SPECIFIC GRAVITY (g/ml):	Approx 1.0 TEMPERATURE (°C): 20
VAPOUR PRESSURE:	2.3 kPa TEMPERATURE (°C): 20
pH-VALUE, CONC. SOLUTION:	Approx 10
FLASH POINT (°C):	N/A METHOD:
AUTO IGNITION TEMP. (°C):	N/A
FLAMMABILITY LIMIT - LOWER(%):	N/A
FLAMMABILITY LIMIT - UPPER(%):	N/A

9.2 OTHER INFORMATION

No additional information available.

10. STABILITY AND REACTIVITY:

10.1 REACTIVITY

No dangerous reactions known

10.2 CHEMICAL STABILITY

Normally stable.

10.3 POSSIBILITY OF HAZARDOUS REACTIONS

Refer to section 10.1 on reactivity.

10.4 CONDITIONS TO AVOID

Non known

10.5 INCOMPATIBLE MATERIALS

Strong acids. Strong oxidising agents.

10.6 HAZARDOUS DECOMPOSITION PRODUCTS

Non known

11. TOXICOLOGICAL INFORMATION:

11.1 INFORMATION ON TOXICOLOGICAL EFFECTS

HEALTH HAZARDS, GENERAL: This product has low toxicity. Only large volumes may have adverse impact on human health.

INHALATION: Inhalation of aerosol or mist may irritate the respiratory tract.

INGESTION: Liquid may irritate mucous membranes and may cause abdominal pain if swallowed.

SKIN: Prolonged or repeated exposure may cause irritation.

EYES: Irritating to eyes. May cause permanent damage.

12. ECOLOGICAL INFORMATION:

12.1 TOXICITY

Do not allow to enter soil, waterways or sewer. This product contains materials that are classified as dangerous for the environment.

12.2 PERSISTENCE AND DEGRADABILITY

The product is expected to be readily biodegradable.

12.3 BIOACCUMULATIVE POTENTIAL

The product is not expected to bioaccumulate

12.4 MOBILITY IN SOIL

Soluble in water.

12.5 RESULTS OF PBT AND vPvB ASSESSMENT

No additional information available.

12.6 OTHER ADVERSE EFFECTS

No other effects known

13. DISPOSAL CONSIDERATIONS:

13.1 WASTE TREATMENT METHODS

Dispose of in accordance with Local Authority requirements. Use a licensed Waste contractor.

14. TRANSPORT INFORMATION:

14.1 – 14.7

LABEL FOR CONVEYANCE:



ROAD TRANSPORT:

UN No. ROAD:

ADR CLASS No.:

ADR PACK GR.

TUNNEL RESTRICTION CODE:

PROPER SHIPPING NAME:

3082

Class 9: Miscellaneous.

III, Class. Code M6

(E)

Environmentally Hazardous Substance, Liquid, N.O.S. (Contains Quaternary Ammonium Compounds, Benzyl-C8-C18-Alkyldimethyl, Chlorides)

SEA TRANSPORT:

UN No. SEA:

IMDG CLASS:

IMDG PACK GR.:

EmS No.:

MARINE POLLUTANT:

3082

9

III

F-A, S-F

Yes.

AIR TRANSPORT:

UN No., AIR:	3082
ICAO CLASS:	9
AIR SUB CLASS:	None
AIR PACK GR.:	III

15. REGULATORY INFORMATION:

15.1. SAFETY, HEALTH AND ENVIRONMENTAL REGULATIONS / LEGISLATION SPECIFIC FOR THE SUBSTANCE OR MIXTURE

Health and Safety at Work Act 1974. The Control of Substances Hazardous to Health Regulations. Chemicals (Hazard Information & Packaging) Regulations (CHIP). European Regulation (EC) No 1907/2006 Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH). European Regulation (EC) No 1272/2008 on Classification, Labelling and Packaging of Substances and Mixtures (CLP), adopting in the EU the Globally Harmonised System (GHS).

GUIDANCE NOTES: Occupational Exposure Limits EH40.

15.2 CHEMICAL SAFETY ASSESSMENT

Not required.

16. OTHER INFORMATION:

REVISION DATE: 15/09/13

REV. No./REPL. SDS GENERATED: 2

SDS No.: 084

R-PHRASES (Full Text)

R-21 Harmful in contact with skin.
R-21/22 Harmful in contact with skin and if swallowed.
R-34 Causes burns.
R-38 Irritating to skin.
R-41 Risk of serious damage to eyes.
R-43 May cause sensitisation by skin contact.
R-50 Very toxic to aquatic organisms.
R-51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

H-STATEMENTS (Full Text)

H290 May be corrosive to metals.
H302 Harmful if swallowed.
H312 Harmful in contact with skin.
H314 Causes severe skin burns and eye damage.
H315 Causes skin irritation.
H318 Causes serious eye damage.
H-400 Very toxic to aquatic life.
H411 Toxic to aquatic life with long lasting effects.

DISCLAIMER:

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief accurate and reliable as of the date indicated. However no warranty, guarantee or representation is made as to its accuracy, reliability or completeness. It is the user's responsibility to satisfy themselves as to the suitability of such information for their own particular use.