

SAFETY DATA SHEET Swarfega Decking Cleaner

According to Regulation (EC) No 1907/2006, Annex II, as amended.

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product name Swarfega Decking Cleaner

Product number SWDC27QP, SWDC5LB, SWDC2LB

1.2. Relevant identified uses of the substance or mixture and uses advised against

Identified uses Detergent. For full details regarding recommended uses please refer to the product label.

1.3. Details of the supplier of the safety data sheet

Supplier SC Johnson Professional Ltd

Denby Hall Way

Denby Derbyshire DE5 8JZ

+44 (0) 1773 855100 info.prouk@scj.com

1.4. Emergency telephone number

Emergency telephone National Poisons Information Service (UK) 0344 8920111 (Health Professionals only)

National Poisons Information Centre (Eire) 01-8092566/8379964

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification (EC 1272/2008)

Physical hazards Not Classified

Health hazards Skin Irrit. 2 - H315 Eye Dam. 1 - H318

Environmental hazards Not Classified

2.2. Label elements

Hazard pictograms



Signal word Danger

Hazard statements H315 Causes skin irritation.

H318 Causes serious eye damage.

Swarfega Decking Cleaner

Precautionary statements P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.

P302+P352 IF ON SKIN: Wash with plenty of water.

P332+P313 If skin irritation occurs: Get medical advice/ attention.

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove

contact lenses, if present and easy to do. Continue rinsing.

P313 Get medical advice/ attention.

P501 Dispose of contents/ container in accordance with local regulations.

Contains TETRASODIUM ETHYLENE DIAMINE TETRAACETATE, SODIUM HYDROXIDE

Detergent labelling < 5% amphoteric surfactants, < 5% cationic surfactants, < 5% EDTA and salts thereof, < 5%

non-ionic surfactants

statements

Supplementary precautionary P264 Wash contaminated skin thoroughly after handling.

2.3. Other hazards

This product does not contain any substances classified as PBT or vPvB.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

TETRASODIUM ETHYLENE DIAMINE TETRAACETATE		
CAS number: 64-02-8	EC number: 200-573-9	REACH registration number: 01- 2119486762-27-XXXX
Classification		
Acute Tox. 4 - H302		
Acute Tox. 4 - H332		
Eye Dam. 1 - H318		
STOT RE 2 - H373		

SODIUM HYDROXIDE		1-10%
CAS number: 1310-73-2	EC number: 215-185-5	REACH registration number: 01-
		2119457892-27-XXXX
Classification		
Met. Corr. 1 - H290		
Skin Corr. 1A - H314		
Eye Dam. 1 - H318		

Swarfega Decking Cleaner

ALKYL BENZYL DIMETHYL AMMONIUM CHLORIDE

<1%

CAS number: 68424-85-1 EC number: 270-325-2 REACH registration number: 01-

2119970550-39-XXXX

M factor (Acute) = 10 M factor (Chronic) = 1

Classification

Met. Corr. 1 - H290 Acute Tox. 4 - H302 Acute Tox. 4 - H312 Skin Corr. 1B - H314 Eye Dam. 1 - H318 Aquatic Acute 1 - H400 Aquatic Chronic 1 - H410

TRISODIUM NITRILOTRIACETATE

<1%

CAS number: 5064-31-3 EC number: 225-768-6 REACH registration number: 01-

2119519239-36-XXXX

Classification

Acute Tox. 4 - H302 Eye Irrit. 2 - H319 Carc. 2 - H351

ETHANEDIOL <1%

CAS number: 107-21-1 EC number: 203-473-3

Classification

Acute Tox. 4 - H302

The full text for all hazard statements is displayed in Section 16.

SECTION 4: First aid measures

4.1. Description of first aid measures

Inhalation Move affected person to fresh air at once. Get medical attention if any discomfort continues.

Ingestion Never give anything by mouth to an unconscious person. Do not induce vomiting. Rinse

mouth thoroughly with water. Get medical attention.

Skin contact Remove contaminated clothing. Wash skin thoroughly with soap and water. Get medical

attention if irritation persists after washing.

Eye contact Remove affected person from source of contamination. Remove any contact lenses and open

eyelids wide apart. Continue to rinse for at least 15 minutes and get medical attention.

4.2. Most important symptoms and effects, both acute and delayed

Inhalation Irritation of nose, throat and airway.

Ingestion May cause discomfort if swallowed. May cause stomach pain or vomiting.

Skin contact Skin irritation.

Eye contact May cause serious eye damage.

4.3. Indication of any immediate medical attention and special treatment needed

Notes for the doctor No specific recommendations. If in doubt, get medical attention promptly.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media The product is not flammable. Use fire-extinguishing media suitable for the surrounding fire.

5.2. Special hazards arising from the substance or mixture

Hazardous combustion

products

Does not decompose when used and stored as recommended.

5.3. Advice for firefighters

Protective actions during

firefighting

No specific firefighting precautions known.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions Wear protective clothing as described in Section 8 of this safety data sheet.

6.2. Environmental precautions

Environmental precautionsCollect and dispose of spillage as indicated in Section 13. Avoid discharge to the aquatic

environment.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up Stop leak if possible without risk. Absorb in vermiculite, dry sand or earth and place into

containers. Flush contaminated area with plenty of water. Avoid contamination of ponds or

watercourses with washing down water.

6.4. Reference to other sections

Reference to other sections For personal protection, see Section 8. For waste disposal, see Section 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Usage precautionsWear appropriate clothing to prevent skin contamination. Avoid contact with skin and eyes.

Avoid spilling.

7.2. Conditions for safe storage, including any incompatibilities

Storage precautions Store in closed original container at temperatures between 0°C and 30°C.

Storage class Chemical storage.

7.3. Specific end use(s)

Specific end use(s) The identified uses for this product are detailed in Section 1.2.

SECTION 8: Exposure controls/Personal protection

8.1. Control parameters

Occupational exposure limits

SODIUM HYDROXIDE

Short-term exposure limit (15-minute): WEL 2 mg/m³

ETHANEDIOL

Long-term exposure limit (8-hour TWA): WEL 20 ppm 10 mg/m³

Sk

Short-term exposure limit (15-minute): WEL 40 ppm 104 mg/m³

WEL = Workplace Exposure Limit Sk = Can be absorbed through skin.

Ingredient comments None.

TETRASODIUM ETHYLENE DIAMINE TETRAACETATE (CAS: 64-02-8)

DNEL Professional - Inhalation; Long term systemic effects: 2.5 mg/m³

Professional - Inhalation; Short term local effects: 2.5 mg/m³ Professional - Inhalation; Short term systemic effects: 2.8 mg/m³ Professional - Inhalation; Short term systemic effects: 2.5 mg/m³ Consumer - Inhalation; Long term local effects: 1.5 mg/m³ Consumer - Inhalation; Short term systemic effects: 1.5 mg/m³ Consumer - Oral; Long term systemic effects: 28 mg/kg/day Professional - Inhalation; Long term local effects: 2.5 mg/m³

PNEC - ; Intermittent release 1.2 mg/l

marine water; 0.22 mg/lSoil; 0.72 mg/kgSTP; 43 mg/l

- Fresh water; 2.2 mg/l

SODIUM HYDROXIDE (CAS: 1310-73-2)

DNEL Industry - Inhalation; Long term local effects: 1 mg/m³

Consumer - Inhalation; Long term local effects: 1 mg/m3

REACTION PRODUCTS OF C12-18-(EVEN NUMBERED)-ALKYLAMINES & ACRYLIC ACID & SODIUM HYDROXIDE

DNEL Professional - Dermal; Long term systemic effects: 5.3 mg/kg/day

Professional - Inhalation; Long term systemic effects: 3.8 mg/m³ Consumer - Dermal; Long term systemic effects: 2.7 mg/kg/day Consumer - Inhalation; Long term systemic effects: 0.9 mg/m³ Consumer - Oral; Long term systemic effects: 0.3 mg/kg/day

PNEC - Sediment (Marinewater); 0.0108 mg/kg

- Intermittent release; 0.042 mg/l

- STP; 9.9 mg/l

Fresh water; 0.03 mg/lSoil; 0.0041 mg/kg

- Sediment (Freshwater); 0.108 mg/kg

- marine water; 0.0003 mg/l

3-C12-14-(EVEN NUMBERED)-ALKYLAMIDO-N,N-DIMETHYLPROPAN-1-AMINO OXIDE

DNEL Workers - Inhalation; Long term systemic effects: 3.52 mg/m³

Workers - Dermal; Long term systemic effects: 5 mg/kg/day

Workers - Dermal; Long term local effects: 0.27 %

General population - Inhalation; Long term systemic effects: 0.87 mg/m³ General population - Dermal; Long term systemic effects: 2.5 mg/kg/day

General population - Dermal; Long term local effects: 0.27 %

General population - Oral; Long term systemic effects: 0.25 mg/kg/day

Swarfega Decking Cleaner

PNEC - Fresh water; 30.3 μg/L

- marine water; 3.04 μg/L - Intermittent release; 3.4 μg/L

- STP; 9.7 mg/l

Sediment (Freshwater); 0.214 mg/kgSediment (Marinewater); 0.021 mg/kg

- Soil; 0.025 µg/kg

ALKYL BENZYL DIMETHYL AMMONIUM CHLORIDE (CAS: 68424-85-1)

DNELWorkers - Inhalation; Long term systemic effects: 3.96 mg/m³
Workers - Dermal; Long term systemic effects: 5.7 mg/kg/day

General population - Inhalation; Long term systemic effects: 1.64 mg/m³ General population - Dermal; Long term systemic effects: 3.4 mg/kg/day General population - Oral; Long term systemic effects: 3.4 mg/kg/day

PNEC - Fresh water; 0.0009 mg/l

- marine water; 0.00096 mg/l

- Intermittent release; 0.00016 mg/l

- STP; 0.4 mg/l

Sediment (Freshwater); 12.27 mg/kgSediment (Marinewater); 13.09 mg/kg

- Soil; 7 mg/kg

8.2. Exposure controls

Protective equipment





Appropriate engineering controls

Provide adequate ventilation. Avoid inhalation of vapours. Observe any occupational exposure limits for the product or ingredients.

Eye/face protection

Eyewear complying with an approved standard should be worn if a risk assessment indicates eye contact is possible. The following protection should be worn: Wear tight-fitting, chemical splash goggles or face shield. Personal protective equipment for eye and face protection should comply with European Standard EN166.

Hand protection

Chemical-resistant, impervious gloves complying with an approved standard should be worn if a risk assessment indicates skin contact is possible. To protect hands from chemicals, gloves should comply with European Standard EN374. The selected gloves should have a breakthrough time of at least 8 hours. The most suitable glove should be chosen in consultation with the glove supplier/manufacturer, who can provide information about the breakthrough time of the glove material.

Other skin and body protection

Wear appropriate clothing to prevent any possibility of skin contact.

Hygiene measures

Good personal hygiene procedures should be implemented. Wash hands thoroughly after handling. Wash promptly if skin becomes contaminated. When using do not eat, drink or

smoke.

Respiratory protection

No specific recommendations. Respiratory protection may be required if excessive airborne contamination occurs.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Swarfega Decking Cleaner

Appearance Liquid

Colour Reddish.

Odour Characteristic.

Odour threshold Not determined.

pH (concentrated solution): 12-13

Melting pointNot determined.Initial boiling point and rangeNot determined.Flash pointNot determined.Evaporation rateNot determined.

Upper/lower flammability or

explosive limits

Not applicable.

Vapour pressure Not determined.

Relative density 1.018-1.038 @ 25 Deg C°C

Soluble in water.

Partition coefficient Scientifically unjustified.

Auto-ignition temperature Scientifically unjustified.

Decomposition Temperature Not determined.

Viscosity Not determined.

Explosive properties Scientifically unjustified.

Oxidising properties Does not meet the criteria for classification as oxidising.

9.2. Other information

Other information Not relevant.

SECTION 10: Stability and reactivity

10.1. Reactivity

Reactivity There are no known reactivity hazards associated with this product.

10.2. Chemical stability

Stability Stable at normal ambient temperatures.

10.3. Possibility of hazardous reactions

Possibility of hazardous

reactions

Not applicable.

10.4. Conditions to avoid

Conditions to avoid Avoid excessive heat for prolonged periods of time. Avoid freezing.

10.5. Incompatible materials

Materials to avoid Avoid contact with acids and alkalis.

10.6. Hazardous decomposition products

Hazardous decomposition

products

Does not decompose when used and stored as recommended.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity - oral

Notes (oral LD₅₀) Based on available data the classification criteria are not met.

ATE oral (mg/kg) 27,027.03

Acute toxicity - dermal

Notes (dermal LD₅₀) Based on available data the classification criteria are not met.

Acute toxicity - inhalation

Notes (inhalation LC50) Based on available data the classification criteria are not met.

Skin corrosion/irritation

Skin corrosion/irritation Irritating to skin.

Serious eye damage/irritation

Serious eye damage/irritation Causes serious eye damage.

Respiratory sensitisation

Respiratory sensitisation Based on available data the classification criteria are not met.

Skin sensitisation

Skin sensitisationBased on available data the classification criteria are not met.

Germ cell mutagenicity

Genotoxicity - in vivoBased on available data the classification criteria are not met.

Carcinogenicity

Carcinogenicity Based on available data the classification criteria are not met.

Reproductive toxicity

Reproductive toxicity - fertility Does not contain any substances known to be toxic to reproduction.

Specific target organ toxicity - single exposure

STOT - single exposureNot classified as a specific target organ toxicant after a single exposure.

Specific target organ toxicity - repeated exposure

STOT - repeated exposure Not classified as a specific target organ toxicant after repeated exposure.

Aspiration hazard

Aspiration hazard Not anticipated to present an aspiration hazard based on chemical structure.

Inhalation May cause respiratory system irritation.

Ingestion May cause discomfort if swallowed.

Skin contact Irritating to skin.

Eve contact Irritating to eyes.

Toxicological information on ingredients.

TETRASODIUM ETHYLENE DIAMINE TETRAACETATE

Acute toxicity - oral

Acute toxicity oral (LD50

1,780.0

mg/kg)

Swarfega Decking Cleaner

Species Rat Rat

Notes (oral LD₅o) LD50 > 1780 < 2000 mg/kg bw

ATE oral (mg/kg) 1,780.0

Acute toxicity - dermal

Species Rat

ATE dermal (mg/kg) 3,300.0

Acute toxicity - inhalation

Notes (inhalation LC₅₀) LOAEC ca. 30 mg/m³ air

ATE inhalation 3.8

(dusts/mists mg/l)

Skin corrosion/irritation

Animal data Based on available data the classification criteria are not met.

Serious eye damage/irritation

Serious eye

Causes serious eye damage.

damage/irritation

Respiratory sensitisation

Respiratory sensitisation Based on available data the classification criteria are not met.

Skin sensitisation

Skin sensitisation Conclusive data but not sufficient for classification.

Germ cell mutagenicity

Genotoxicity - in vitroConclusive data but not sufficient for classification.

Genotoxicity - in vivoConclusive data but not sufficient for classification.

Carcinogenicity

Carcinogenicity Conclusive data but not sufficient for classification.

Reproductive toxicity

Reproductive toxicity -

fertility

Conclusive data but not sufficient for classification.

Reproductive toxicity -

development

Conclusive data but not sufficient for classification.

Specific target organ toxicity - single exposure

STOT - single exposure Conclusive data but not sufficient for classification.

Specific target organ toxicity - repeated exposure

STOT - repeated exposure Conclusive data but not sufficient for classification.

ALKYL BENZYL DIMETHYL AMMONIUM CHLORIDE

Acute toxicity - oral

Acute toxicity oral (LD₅o

795.0

mg/kg)

Species Rat Rat

Swarfega Decking Cleaner

ATE oral (mg/kg) 795.0

Acute toxicity - dermal

Acute toxicity dermal (LD₅₀ 1,560.0

mg/kg)

Species Rat

ATE dermal (mg/kg) 1,560.0

Skin corrosion/irritation

Animal data Primary dermal irritation index: 6.29

SECTION 12: Ecological information

Ecotoxicity The product is not expected to be hazardous to the environment.

12.1. Toxicity

Toxicity The product is not expected to be toxic to aquatic organisms.

Ecological information on ingredients.

TETRASODIUM ETHYLENE DIAMINE TETRAACETATE

Acute aquatic toxicity

Acute toxicity - fish LC₅₀, 96 hours: >100 mg/l, Fish

Acute toxicity - aquatic

invertebrates

EC₅₀, 48 hours: >100 mg/l, Daphnia magna

Acute toxicity - aquatic

plants

IC₅₀, 72 hours: <100 mg/l, Algae

LC₅o, 14 days: 156 mg/kg, Eisenia Fetida (Earthworm) Acute toxicity - terrestrial

Chronic aquatic toxicity

life stage

Chronic toxicity - fish early , 28 days: >=36.9 mg/l, Brachydanio rerio (Zebra Fish)

Chronic toxicity - aquatic

invertebrates

, 21 days: 25 mg/l, Daphnia magna

SODIUM HYDROXIDE

Acute aquatic toxicity

Acute toxicity - fish

LC₅₀, 96 hours: 125 mg/l, Fish

Acute toxicity - aquatic

invertebrates

EC₅₀, : 76 mg/l, Daphnia magna

Acute toxicity -EC₅₀, : 22 mg/l,

microorganisms

ALKYL BENZYL DIMETHYL AMMONIUM CHLORIDE

Acute aquatic toxicity

LE(C)50 $0.01 < L(E)C50 \le 0.1$

Swarfega Decking Cleaner

M factor (Acute) 10

Acute toxicity - fish LC50, < 96 hours: 1 mg/l,

Acute toxicity - aquatic

invertebrates

EC₅₀, < 48 hours: 1 mg/l, Daphnia magna

Acute toxicity - aquatic

plants

IC₅₀, < 48 hours: 1 mg/l, Freshwater algae

Acute toxicity - microorganisms

EC₅₀, 3 hours: 7.75 mg/l, Activated sludge

Acute toxicity - terrestrial NOEC, 14 days: 1000 mg/l, mg/kg, Eisenia Fetida (Earthworm)

Chronic aquatic toxicity

M factor (Chronic) 1

12.2. Persistence and degradability

Persistence and degradability The surfactant(s) contained in this product complies(comply) with the biodegradability criteria

as laid down in Regulation (EC) No. 648/2004 on detergents. Data to support this assertion are held at the disposal of the competent authorities of the Member States and will be made available to them at their direct request, or at the request of a detergent manufacturer.

12.3. Bioaccumulative potential

Bioaccumulative potential No data available on bioaccumulation.

Partition coefficient Scientifically unjustified.

Ecological information on ingredients.

TETRASODIUM ETHYLENE DIAMINE TETRAACETATE

Bioaccumulative potential : 1.8 (28d), Lepomis macrochirus (Bluegill)

12.4. Mobility in soil

Mobility The product is soluble in water. The product is non-volatile.

12.5. Results of PBT and vPvB assessment

Results of PBT and vPvB

assessment

None known.

12.6. Other adverse effects

Other adverse effects None known.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

General information When handling waste, the safety precautions applying to handling of the product should be

considered.

Swarfega Decking Cleaner

Disposal methods

Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority. No specific disposal method required. Reuse or recycle products wherever possible. The following information is provided from exposure scenario(s) received from suppliers for the listed substances. The figures have been calculated using EU standard models & are not based on local conditions. Note that more than one product used on site might contain these substances. Also note the Trade Effluent Consent and/or Environmental Permit may have restrictions below these figures so it is recommended that you consult your local waste water treatment company. Contains AMINES C12-18 ALKYLDIMETHYL, N-OXIDES Maximum discharge of product per day 120L

SECTION 14: Transport information

General The product is not covered by international regulations on the transport of dangerous goods

(IMDG, IATA, ADR/RID).

Road transport notes Not classified.

Rail transport notes Not classified.

Sea transport notes Not classified.

14.1. UN number

Not applicable.

14.2. UN proper shipping name

Not applicable.

14.3. Transport hazard class(es)

Transport labels

No transport warning sign required.

14.4. Packing group

Not applicable.

14.5. Environmental hazards

Environmentally hazardous substance/marine pollutant

No.

14.6. Special precautions for user

Not applicable.

14.7. Transport in bulk according to Annex II of MARPOL and the IBC Code

Transport in bulk according to Not applicable. **Annex II of MARPOL 73/78**

and the IBC Code

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

EU legislation Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18

December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of

Chemicals (REACH) (as amended).

Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures (as

amended).

15.2. Chemical safety assessment

No chemical safety assessment has been carried out.

SECTION 16: Other information

General information Only trained personnel should use this material.

Key literature references and

sources for data

Where Exposure Scenarios for the substances listed in Section 3 are available they have been assessed for the uses identified in this data sheet or on the product label and the

appropriate relevant information is incorporated into this Safety Data Sheet.

Revision comments New SDS Software

Revision date 10/07/2019

Revision 9

Supersedes date 05/12/2018

Hazard statements in full 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. H319 Causes serious eye irritation. H351 Suspected of causing cancer. H400 Very toxic to aquatic life.

H410 Very toxic to aquatic life with long lasting effects.

Notes for Hazard Statements

in Full

The full text for Hazard Statements in section 16 relates to the reference numbers in sections

2 and 3 and not necessarily the finished product classification.

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 to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.