

# SAFETY DATA SHEET 2.25L DECKING CLEANER

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

## 1.1. Product identifier

Product name 2.25L DECKING CLEANER

Product number SVTN225DECK

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

Identified uses Cleaning agent.

Use only for intended applications.

## 1.3. Details of the supplier of the safety data sheet

**Supplier** James Briggs Ltd

Salmon Fields Royton Oldham Lancashire OL2 6HZ 0161 627 0101

sds@jamesbriggs.co.uk

## 1.4. Emergency telephone number

**Emergency telephone** +44 (0)161 627 0101

## SECTION 2: Hazards identification

#### 2.1. Classification of the substance or mixture

Classification (EC 1272/2008)

Physical hazards Not Classified

**Health hazards** Eye Irrit. 2 - H319

Environmental hazards Not Classified

## 2.2. Label elements

## Hazard pictograms



Signal word Warning

**Hazard statements** EUH208 Contains 1,2-benzisothiazol-3(2H)-one. May produce an allergic reaction.

H319 Causes serious eye irritation.

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**Precautionary statements** P102 Keep out of reach of children.

P280 Wear protective gloves. P280 Wear eye protection.

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

contact lenses, if present and easy to do. Continue rinsing. P337+P313 If eye irritation persists: Get medical advice/ attention.

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

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

## 2.3. Other hazards

This substance is not classified as PBT or vPvB according to current EU criteria.

## SECTION 3: Composition/information on ingredients

#### 3.2. Mixtures

| Alcohols, C9-11 ethoxylated |                      | 1-5% |
|-----------------------------|----------------------|------|
| CAS number: 68439-46-3      | EC number: 614-482-0 |      |
|                             |                      |      |

# **Classification** Eye Dam. 1 - H318

| 1,2-benzisothiazol-3(2H)-one |                      | <1% |
|------------------------------|----------------------|-----|
| CAS number: 2634-33-5        | EC number: 220-120-9 |     |
| M factor (Acute) = 1         |                      |     |

## Classification

Acute Tox. 4 - H302 Skin Irrit. 2 - H315 Eye Dam. 1 - H318 Skin Sens. 1 - H317 Aquatic Acute 1 - H400

| Sodium hydroxide      |                      |                                |  |  |
|-----------------------|----------------------|--------------------------------|--|--|
| CAS number: 1310-73-2 | EC number: 215-185-5 | REACH registration number: 01- |  |  |
|                       |                      | 2119457892-27-XXXX             |  |  |

## Classification

Skin Corr. 1A - H314 Eye Dam. 1 - H318

| Diethyl phthalate             |                      | <1% |
|-------------------------------|----------------------|-----|
| CAS number: 84-66-2           | EC number: 201-550-6 |     |
| Classification Not Classified |                      |     |

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Toluene <1%

CAS number: 108-88-3 EC number: 203-625-9

Classification

Flam. Liq. 2 - H225 Skin Irrit. 2 - H315 Eye Irrit. 2 - H319 Repr. 2 - H361d STOT SE 3 - H336 STOT RE 2 - H373 Asp. Tox. 1 - H304 Aquatic Chronic 3 - H412

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

#### **SECTION 4: First aid measures**

## 4.1. Description of first aid measures

General information Show this Safety Data Sheet to the medical personnel. Effects may be delayed. Rinse

immediately with plenty of water. While rinsing, remove clothing not adhering to the affected

area. Get medical attention if any discomfort continues.

Inhalation Unlikely route of exposure as the product does not contain volatile substances. Rinse nose

and mouth with water. If spray/mist has been inhaled, proceed as follows. Get medical attention if any discomfort continues. If in doubt, get medical attention promptly.

Ingestion Get medical attention. Show this Safety Data Sheet to the medical personnel. Rinse mouth

thoroughly with water. Do not induce vomiting unless under the direction of medical

personnel.

Skin contact Wash with plenty of water. Get medical attention if symptoms are severe or persist after

washing. If in doubt, get medical attention promptly. Take off contaminated clothing and wash it before reuse. Show this Safety Data Sheet to the medical personnel. Effects may be

delayed.

Eye contact Rinse with water. Continue to rinse for at least 10 minutes. Remove any contact lenses and

open eyelids wide apart. Get medical attention if irritation persists after washing. If in doubt, get medical attention promptly. May cause permanent damage if eye is not immediately

irrigated. Show this Safety Data Sheet to the medical personnel.

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

General information The severity of the symptoms described will vary dependent on the concentration and the

length of exposure.

Inhalation May cause respiratory system irritation. A single exposure may cause the following adverse

effects: Temporary irritation. Coughing. Irritation of nose, throat and airway.

**Ingestion** A single exposure may cause the following adverse effects: Coughing. Dryness of mouth and

throat. Gastrointestinal symptoms, including upset stomach. Ingestion may cause severe

irritation of the mouth, the oesophagus and the gastrointestinal tract.

Skin contact A single exposure may cause the following adverse effects: Dryness and/or cracking. Skin

irritation.

**Eye contact** A single exposure may cause the following adverse effects: Irritation of eyes and mucous

membranes. Irritation and redness, followed by blurred vision. Itchiness. Profuse watering of

the eyes.

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

## SECTION 5: Firefighting measures

#### 5.1. Extinguishing media

**Suitable extinguishing media** The product is not flammable.

## 5.2. Special hazards arising from the substance or mixture

Specific hazards Not applicable.

Hazardous combustion

products

Thermal decomposition or combustion products may include the following substances:

Harmful gases or vapours.

## 5.3. Advice for firefighters

Protective actions during

firefighting

No specific firefighting precautions known. Avoid breathing fire gases or vapours.

Special protective equipment for firefighters

 $\label{lem:eq:energy} \textit{Firefighter's clothing conforming to European standard EN469 (including helmets, protective).}$ 

boots and gloves) will provide a basic level of protection for chemical incidents.

#### 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. No action shall be

taken without appropriate training or involving any personal risk.

### 6.2. Environmental precautions

**Environmental precautions** Avoid discharge into drains or watercourses or onto the ground. Contain spillage with sand,

earth or other suitable non-combustible material. The product may affect the acidity (pH) of

water which may have hazardous effects on aquatic organisms.

#### 6.3. Methods and material for containment and cleaning up

Methods for cleaning up Wear protective clothing as described in Section 8 of this safety data sheet. Clear up spills

immediately and dispose of waste safely. Small Spillages: Collect spillage. Large Spillages: Absorb spillage with non-combustible, absorbent material. The contaminated absorbent may pose the same hazard as the spilled material. Collect and place in suitable waste disposal containers and seal securely. Label the containers containing waste and contaminated materials and remove from the area as soon as possible. Flush contaminated area with plenty of water. Wash thoroughly after dealing with a spillage. For waste disposal, see Section 13.

### 6.4. Reference to other sections

Reference to other sections For personal protection, see Section 8. See Section 11 for additional information on health

hazards. See Section 12 for additional information on ecological hazards. For waste disposal,

see Section 13.

#### **SECTION 7: Handling and storage**

#### 7.1. Precautions for safe handling

Usage precautions Read and follow manufacturer's recommendations. Wear protective clothing as described in

Section 8 of this safety data sheet. Keep away from food, drink and animal feeding stuffs. Keep container tightly sealed when not in use. Good personal hygiene procedures should be implemented. Keep containers upright. No specific requirements are anticipated under normal

conditions of use. Wash hands thoroughly after handling.

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Advice on general occupational hygiene

Wash promptly if skin becomes contaminated. Take off contaminated clothing. Wash contaminated clothing before reuse. Good personal hygiene procedures should be

implemented.

#### 7.2. Conditions for safe storage, including any incompatibilities

**Storage precautions** Store away from incompatible materials (see Section 10). Keep only in the original container.

Keep container tightly closed, in a cool, well ventilated place. Keep containers upright. Protect

containers from damage.

Storage class Unspecified 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/m<sup>3</sup>

#### Diethyl phthalate

Long-term exposure limit (8-hour TWA): WEL 5 mg/m<sup>3</sup> Short-term exposure limit (15-minute): WEL 10 mg/m<sup>3</sup>

#### Toluene

Long-term exposure limit (8-hour TWA): WEL 50 ppm 191 mg/m<sup>3</sup> Short-term exposure limit (15-minute): WEL 100 ppm 384 mg/m<sup>3</sup>

Sk

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

#### Sodium hydroxide (CAS: 1310-73-2)

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

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

Citral (CAS: 5392-40-5)

**DNEL** Workers - Inhalation; Long term systemic effects: 9 mg/m³

Workers - Dermal; Long term systemic effects: 1.7 mg/kg/day

General population - Inhalation; Long term systemic effects: 2.7 mg/m³ General population - Dermal; Long term systemic effects: 1 mg/kg/day General population - Oral; Long term systemic effects: 0.6 mg/kg/day

PNEC - Fresh water; 0.007 mg/l

- marine water; 0.001 mg/l

- STP; 1.6 mg/l

Sediment (Freshwater); 0.125 mg/kgSediment (Marinewater); 0.013 mg/kg

2,6-dimethyloct-7-en-2-ol (CAS: 18479-58-8)

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Workers - Inhalation; Long term systemic effects: 73.5 mg/m<sup>3</sup>

Workers - Dermal; Long term systemic effects: 20.8 mg/kg/day

General population - Inhalation; Long term systemic effects: 21.7 mg/m<sup>3</sup> General population - Dermal; Long term systemic effects: 12.5 mg/kg/day General population - Oral; Long term systemic effects: 12.5 mg/kg/day

- Fresh water; 0.0278 mg/l

- Fresh water, Intermittent release; 0.278 mg/l

- marine water; 0.00278 mg/l

- STP; 10 mg/l

- Sediment (Freshwater); 0.594 mg/kg - Sediment (Marinewater); 0.059 mg/kg

- Soil; 0.103 mg/kg - Oral; 111 mg/kg

## Linalyl acetate (CAS: 115-95-7)

Workers - Inhalation; Long term systemic effects: 2.75 mg/m<sup>3</sup>

Workers - Dermal; Long term systemic effects: 2.5 mg/kg/day

Workers - Dermal; Long term local effects: 8 mg/cm<sup>2</sup> Workers - Dermal; Short term local effects: 8 mg/cm<sup>2</sup>

General population - Inhalation; Long term systemic effects: 0.68 mg/m³ General population - Dermal; Long term systemic effects: 1.25 mg/kg/day

General population - Dermal; Long term local effects: 8 mg/cm<sup>2</sup> General population - Dermal; Short term local effects: 8 mg/cm<sup>2</sup> General population - Oral; Long term systemic effects: 0.2 mg/kg/day

**PNEC** - Fresh water; 0.011 mg/l

- Intermittent release, Fresh water; 0.11 mg/l

- marine water; 0.001 mg/l

- STP; 10 mg/l

- Sediment (Freshwater); 0.609 mg/kg - Sediment (Marinewater); 0.061 mg/kg

- Soil; 0.115 mg/kg

#### Terpineol (CAS: 8000-41-7)

**DNEL** Workers - Inhalation; Long term systemic effects: 44.8 mg/m<sup>3</sup>

Workers - Dermal; Long term systemic effects: 6.35 mg/kg/day

General population - Inhalation; Long term systemic effects: 7.96 mg/m<sup>3</sup> General population - Dermal; Long term systemic effects: 2.29 mg/kg/day General population - Oral; Long term systemic effects: 0.42 mg/kg/day

**PNEC** - Fresh water; 0.012 mg/l

- Intermittent release, Fresh water; 0.12 mg/l

- marine water; 0.0012 mg/l

- STP; 2.57 mg/l

- Sediment (Freshwater); 0.263 mg/kg - Sediment (Marinewater); 0.026 mg/kg

- Soil; 0.045 mg/kg - Oral; 16.6 mg/kg

(R)-p-mentha-1,8-diene (CAS: 5989-27-5)

6/11

**DNEL** 

**PNEC** 

**DNEL** 

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**DNEL** Workers - Inhalation; Long term systemic effects: 66.7 mg/m³

Workers - Dermal; Long term systemic effects: 9.5 mg/kg/day

General population - Inhalation; Long term systemic effects: 16.6 mg/m³ General population - Dermal; Long term systemic effects: 4.8 mg/kg/day General population - Oral; Long term systemic effects: 4.8 mg/kg/day

PNEC - Fresh water; 14  $\mu$ g/l

- marine water; 1.4 μg/l

- STP; 1.8 mg/l

Sediment (Freshwater); 3.85 mg/kgSediment (Marinewater); 0.385 mg/kg

## Geranyl acetate (CAS: 105-87-3)

**DNEL** Workers - Inhalation; Long term systemic effects: 62.59 mg/m<sup>3</sup>

Workers - Dermal; Long term systemic effects: 35.5 mg/kg/day

General population - Inhalation; Long term systemic effects: 15.4 mg/m³ General population - Dermal; Long term systemic effects: 17.75 mg/kg/day General population - Oral; Long term systemic effects: 8.9 mg/kg/day

PNEC - Fresh water; 3.72 μg/l

- marine water; 0.372 µg/l

- STP; 8 mg/l

Sediment (Freshwater); 0.442 mg/kgSediment (Marinewater); 0.044 mg/kg

- Soil; 0.086 mg/kg

## Cineole (CAS: 470-82-6)

**DNEL** Workers - Inhalation; Long term systemic effects: 7.05 mg/m³

Workers - Dermal; Long term systemic effects: 2 mg/kg/day

General population - Inhalation; Long term systemic effects: 1.74 mg/m³ General population - Dermal; Long term systemic effects: 1 mg/kg/day General population - Oral; Long term systemic effects: 600 mg/kg/day

### Geraniol (CAS: 106-24-1)

**DNEL** Workers - Inhalation; Long term systemic effects: 161.6 mg/m³

Workers - Dermal; Long term systemic effects: 12.5 mg/kg/day

Workers - Dermal; Long term local effects: 11.8 mg/cm<sup>2</sup>

General population - Inhalation; Long term systemic effects: 47.8 mg/m³ General population - Dermal; Long term systemic effects: 7.5 mg/kg/day General population - Dermal; Long term local effects: 11.8 mg/cm² General population - Oral; Long term systemic effects: 13.75 mg/kg/day

PNEC - Fresh water; 0.011 mg/l

- marine water; 0.001 mg/l

- Intermittent release; 0.108 mg/l

- STP; 0.7 mg/l

- Sediment (Freshwater); 0.115 mg/kg

- Sediment (Marinewater); 0.011 mg/kg

- Soil; 0.017 mg/kg

## 8.2. Exposure controls

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#### Protective equipment







Appropriate engineering

controls

Provide adequate ventilation. Observe any occupational exposure limits for the product or

ingredients.

Eye/face protection Unless the assessment indicates a higher degree of protection is required, the following

protection should be worn: Tight-fitting safety glasses. Personal protective equipment for eye

and face protection should comply with European Standard EN166.

Hand protection 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. To protect hands from chemicals, gloves should comply with European Standard

EN374. Frequent changes are recommended.

Other skin and body

protection

Wear appropriate clothing to prevent skin contamination. Provide eyewash station.

Hygiene measures Good personal hygiene procedures should be implemented. Wash after use and before

eating, smoking and using the toilet. Take off contaminated clothing and wash it before reuse.

Respiratory protection No specific requirements are anticipated under normal conditions of use.

**Environmental exposure** 

controls

Keep container tightly sealed when not in use.

#### SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

Liquid. **Appearance** 

Melting point Not applicable. Flash point

9.2. Other information

Volatility Not applicable. Volatile organic compound Not applicable.

## SECTION 10: Stability and reactivity

## 10.1. Reactivity

See the other subsections of this section for further details. Reactivity

Not applicable.

10.2. Chemical stability

Stability Stable at normal ambient temperatures and when used as recommended. Stable under the

prescribed storage conditions.

## 10.3. Possibility of hazardous reactions

Possibility of hazardous

reactions

The following materials may react strongly with the product: Oxidising agents.

10.4. Conditions to avoid

Conditions to avoid No specific requirements are anticipated under normal conditions of use.

## 10.5. Incompatible materials

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Materials to avoid Strong acids. Strong alkalis.

10.6. Hazardous decomposition products

Hazardous decomposition Does not decompose when used and stored as recommended. Thermal decomposition or

combustion products may include the following substances: Harmful gases or vapours.

#### SECTION 11: Toxicological information

products

#### 11.1. Information on toxicological effects

General information The severity of the symptoms described will vary dependent on the concentration and the

length of exposure.

**Inhalation** A single exposure may cause the following adverse effects: Temporary irritation. Coughing.

Irritation of nose, throat and airway.

**Ingestion** A single exposure may cause the following adverse effects: Coughing. Gastrointestinal

symptoms, including upset stomach. Ingestion may cause severe irritation of the mouth, the

oesophagus and the gastrointestinal tract.

Skin contact A single exposure may cause the following adverse effects: Dryness and/or cracking. Skin

irritation.

**Eye contact** A single exposure may cause the following adverse effects: Irritation of eyes and mucous

membranes. Irritation and redness, followed by blurred vision. Itchiness. Profuse watering of

the eyes.

Route of exposure Ingestion Inhalation Skin and/or eye contact

**Target organs** No specific target organs known.

## SECTION 12: Ecological information

**Ecotoxicity** Not regarded as dangerous for the environment. However, large or frequent spills may have

hazardous effects on the environment.

12.1. Toxicity

**Toxicity** Refer to Section 2.

## 12.2. Persistence and degradability

Persistence and degradability The degradability of the product is not known.

## 12.3. Bioaccumulative potential

Bioaccumulative potential No data available on bioaccumulation.

12.4. Mobility in soil

Mobility The product is water-soluble and may spread in water systems. The product is non-volatile.

## 12.5. Results of PBT and vPvB assessment

Results of PBT and vPvB

assessment

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

12.6. Other adverse effects

Other adverse effects None known.

## **SECTION 13: Disposal considerations**

## 13.1. Waste treatment methods

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General information The generation of waste should be minimised or avoided wherever possible. Reuse or recycle

products wherever possible. This material and its container must be disposed of in a safe way. When handling waste, the safety precautions applying to handling of the product should be considered. Care should be taken when handling emptied containers that have not been thoroughly cleaned or rinsed out. Empty containers or liners may retain some product

residues and hence be potentially hazardous.

**Disposal methods** Do not empty into drains.

## **SECTION 14: Transport information**

#### 14.1. UN number

14.2. UN proper shipping name

14.3. Transport hazard class(es)

14.4. Packing group

14.5. Environmental hazards

14.6. Special precautions for user

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

#### SECTION 15: Regulatory information

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

National regulations Health and Safety at Work etc. Act 1974 (as amended).

The Carriage of Dangerous Goods and Use of Transportable Pressure Equipment

Regulations 2009 (SI 2009 No. 1348) (as amended) ["CDG 2009"].

EH40/2005 Workplace exposure limits.

**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).

Commission Regulation (EU) No 2015/830 of 28 May 2015.

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.

#### Inventories

#### **EU - EINECS/ELINCS**

None of the ingredients are listed or exempt.

#### SECTION 16: Other information

#### 2.25L DECKING CLEANER

Abbreviations and acronyms used in the safety data sheet

ADR: European Agreement concerning the International Carriage of Dangerous Goods by

ADN: European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways.

RID: European Agreement concerning the International Carriage of Dangerous Goods by Rail.

IATA: International Air Transport Association.

ICAO: Technical Instructions for the Safe Transport of Dangerous Goods by Air.

IMDG: International Maritime Dangerous Goods.

CAS: Chemical Abstracts Service. ATE: Acute Toxicity Estimate.

LC₅o: Lethal Concentration to 50 % of a test population.

LD₅o: Lethal Dose to 50% of a test population (Median Lethal Dose).

EC₅: 50% of maximal Effective Concentration.

PBT: Persistent, Bioaccumulative and Toxic substance. vPvB: Very Persistent and Very Bioaccumulative.

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Revision 1

SDS number 5463

Hazard statements in full H225 Highly flammable liquid and vapour.

H302 Harmful if swallowed.

H304 May be fatal if swallowed and enters airways. H314 Causes severe skin burns and eye damage.

H315 Causes skin irritation.

H317 May cause an allergic skin reaction.

H318 Causes serious eye damage.

H319 Causes serious eye irritation.

H336 May cause drowsiness or dizziness.

H361d Suspected of damaging the unborn child.

H373 May cause damage to organs through prolonged or repeated exposure.

H400 Very toxic to aquatic life.

H412 Harmful to aquatic life with long lasting effects.

EUH208 Contains 1,2-benzisothiazol-3(2H)-one. May produce an allergic reaction.

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.