

1 Identification of the preparation and the supplying Company

1.1 Sol-Odamask H

1.2 Industrial deodorant for dilution with water

1.3 Killgerm Chemicals Ltd, Wakefield Road, Ossett, West Yorkshire, WF5 9AR.

Tel: +44 (0)1924 268450 Fax: (0)1924 265033 Email: technical@Killgerm.com

1.4 Emergency telephones. National Poisons Information Service 0870 600 6266.

Killgerm Chemicals Ltd, 01924 268452 (Office hours)

2 Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP]



Skin Irrit. 2 H315- Causes skin irritation

Serious eye damage/eye irritation category 2: H319: Causes serious eye irritation

Skin sensitisation category 1 H317: May cause an allergic skin reaction



Aq Chronic 2: H411: Toxic to aquatic life with long lasting effects

2.2. Label elements

The following precautionary phrases are appropriate (Regulation (EC) 1272/2008):

Signal Word WARNING

P273: Avoid release to the environment

P391: Collect spillage

P501: Dispose of contents/container to national/international regulation

P264: Wash ... thoroughly after handling

P280: Wear protective gloves/protective clothing/eye protection/face protection

P302+352: IF ON SKIN: Wash with soap and water

P332+313: If skin irritation occurs: Get medical advice/attention

P362: Take off contaminated clothing and wash before reuse

2.3. Other hazard:

None expected under normal conditions of use.

3 Composition and information on ingredients**3.2. Mixtures****Hazardous Components in Product**

Ingredient Name	Classification	Concentration	H Phrases
Sol Odamask concentrate	Flammable category 3 Skin Irritant category 2 Skin sensitizer category 1 Aquatic toxicity chronic category 1	21.5%w/w	H315 H226 H317 H410
Emulsifier 2 CAS No 209-406-4	Eye Dam. 1 Flam. Liq. 3 Skin Irrit. 2:	2.7%w/w	H318, H226, H315
Emulsifier 1	Serious eye damage/eye irritation, Category 1 Acute Toxicity – Oral Category 4	1.5%w/w	H302, H318

See section 16 for full text of H phrases and hazard classification of ingredients.

4 First Aid measures**4.1. Description of first aid measures**

Ingestion (swallowing): Wash out mouth with water. Get medical advice.

Inhalation: Remove to fresh air. Get medical advice.

Skin contact: Wash with water. Get medical advice

Eye contact: Wash with water for 10 minutes. Get medical advice.

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

Advice to doctor: Contains perfumes emulsified in water.

4.3. Indication of any immediate medical attention and special treatment needed ...See 4.2**5 Fire-fighting measures****5.1. Extinguishing media**

Use dry powder or carbon dioxide extinguishing agents

5.2. Special hazards arising from the substance or mixture:

This product is non-flammable. May produce toxic fumes if involved in a fire.

5.3. Advice for fire-fighters

Wear self-contained breathing apparatus

6 Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures:

Personnel dealing with accidental spills and release of the mixture should wear personal protective equipment described in section 8 under "spillage".

6.2. Environmental precautions: No available data

6.3. Methods and material for containment and cleaning up:

Surround/absorb with sand, earth or proprietary product. Shovel into a marked container and dispose of via a waste disposal contractor or contact supplier for advice. Wash floor with water.

6.4. Reference to other sections:

Refer to section 8 and 13 for additional information.

7 Handling and storage

7.1. Precautions for safe handling

Avoid splashing skin, eyes and clothing.

Avoid breathing vapours.

If hand contact with the product is unavoidable wear synthetic rubber/PVC gloves.

Keep in original container, tightly closed, in a safe place.

Keep away from children.

Keep away from naked flames and sources of ignition.

Keep away from foodstuffs.

7.2. Conditions for safe storage, including any incompatibilities:

Technical Measures and Storage Conditions:

Store in a cool well ventilated area;

Keep containers tightly closed.

Store away from direct sunlight.

7.3. Specific end use(s): Odour Control

8 Exposure controls and personal protection

8.1. Control parameters

8.2. Exposure controls

Where exposure may occur, engineering controls should be employed. A risk assessment should be carried out and the following PPE may be appropriate /required

PPE	ITEM IN USE	SPILLAGE
Respirators	If required half mask + A1 filter	Half mask + A1 P1 filter e.g.- Polimask 100 + A1P1 (PC10) filter.
Gloves	Unlined synthetic rubber/PVC.	Unlined synthetic rubber/PVC.
Overall		Overall Basic type to ISO 6530 e.g.- EP Coverall
Goggles/ Face shield	If required to BS 2092 IC.	Face shield to BS 2092 IC.

9 Physical and chemical properties**9.1. General information**

Appearance: Magnolia-yellow coloured emulsion.

Odour: Strong characteristic vanilla type.

Odour Threshold: not applicable

pH: 5.8 – 7.5

Melting point/freezing point: no available data

Initial boiling point and boiling range: no available data

Flash point: 52°C.

Evaporation rate: not applicable

Flammability: Does not support combustion at normal working temperatures.

Upper/lower flammability or explosive limit: not applicable

Vapour pressure: not applicable

Vapour density: not applicable

Relative density: 0.98

Solubility(ies): I Miscible with water to form white emulsions.

Partition coefficient: no available data

Auto-ignition temperature: no available data

Decomposition temperature: no available data

Viscosity: not applicable

Explosive properties: None

Oxidising properties. no available data

9.2. Other information: No available data.

Incompatibility: Not a reactive mixture. Store away from strong oxidising agents.

Combustibility: Does not support combustion

10 Stability and reactivity

10.1. Reactivity: Not a reactive preparation.

10.2. Chemical stability: Chemically stable but may cream and separate

10.3. Possibility of hazardous reactions: Not a reactive mixture

10.4. Conditions to avoid: Contact with strong acids or alkali's emulsion properties will be affected

10.5. Incompatible materials: Acids and alkali's

10.6. Hazardous decomposition products: none known

11 Toxicological information**11.1 Information on toxicological effects**

Inhalation: High vapour concentrations may cause nauseous effects.

Skin and eyes: Undiluted product may be irritating to eyes. Prolonged or repeated skin contact with undiluted product may defat the skin and cause irritation.

Ingestion: Oral toxicity of Sol-Odamask H is low.

Symptoms of poisoning: Irritation to stomach.

(a) acute toxicity; Based on the concentration of the ingredients

(b) irritation; Based on the concentration of the ingredients

(c) corrosivity; Not corrosive

(d) sensitisation; contains sensitizers at less than 0.1%w/w

(e) repeated dose toxicity; no data available

(f) carcinogenicity; no data available

(g) mutagenicity; no data available

(h) toxicity for reproduction; no data available

11.2 Other data: see section 2.3

12 Ecological information

12.1. Toxicity: Harmful to fish. Do not contaminate ponds, waterways or ditches with the chemical or used container.

12.2. Persistence and degradability: Preparation is biodegradable

12.3. Bioaccumulative potential: No data available

12.4. Mobility in soil: No data available

12.5. Results of PBT and vPvB assessment: No data available

12.6. Other adverse effects: None known

13 Disposal considerations**13.1. Waste treatment methods**

Empty containers: Empty completely. Wash out with water.

Unused/recovered materials: Dispose of via a waste disposal contractor or contact supplier for advice.

Contaminated PPE: Dispose of via a waste disposal contractor or contact supplier for advice.

14 Transport information

14.1. UN number: UN 3082

14.2. UN proper shipping name: : ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (AROMATIC EXTRACTS MIXTURE)

14.3. Transport hazard class(es) : Class 9

14.4. Packing group: iii

14.5. Environmental hazards: Marine Pollutant

14.6. Special precautions for user: not applicable

14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code: not applicable

15 Regulatory information**15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture:**

Classification & Labelling according to Regulation (EC) No 1272/2008

Control of Substances Hazardous to Health Regulations 2002 (as amended).

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)

15.2. Chemical safety assessment: Advice on product handling can be found in sections 7 and 8.

16 Other information

This data sheet does not constitute a COSHH assessment.

The information contained within this data sheet is strictly for general guidance only and should not be relied upon over and above this. This data sheet is intended to provide general health and safety guidance on the handling, storage and transportation of the preparation. The information provided in this data sheet is accurate at the date of publication and will be updated as and when appropriate. No liability will be accepted by Killgerm Chemicals Limited for any loss, injury or damage arising from any failure to comply with the information and advice contained within this data sheet and/or failure to comply with the manufacturer's guidelines, product label data and any associated technical usage literature.

Ingredient Information

H226: Flammable liquid and vapour

H301: Toxic if swallowed

H302: Harmful if swallowed

H304: May be fatal if swallowed and enters airways

H311: Toxic in contact with skin

H315: Causes skin irritation

H319: Causes serious eye irritation

H317: May cause an allergic skin reaction

H335: May cause respiratory irritation

H411: Toxic to aquatic life with long lasting effects

H410: Very toxic to aquatic life with long lasting effects

Date of amendment	Sections amended	notes
25-9-17	Section 2, 3	Updated the classification of the substance and the classifications of the hazardous components
25-9-17	9	Updated the physical and chemical properties