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

1.1 Product identifier

Sol-Odamask H

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

Relevant identified uses:
Industrial deodorant for dilution with water.
Uses advised against:
Not to be used undiluted.

1.3. Details of the supplier of the safety data sheet

Address: Killgerm Chemicals Ltd, Wakefield Road, Ossett, WF5 9AJ
Tel: +44 (0)1924 268 450 **Fax:** +44 (0)1924 265 033 **Email:** technical@killgerm.com

1.4. Emergency telephone number

Medical professionals should use National Poisons Information Service Tel: 0870 600 6266.
Killgerm Chemicals Ltd Tel:01924 268452 (Office hours) - Emergency Line 0870 190677
Non-medical professionals should seek information by contacting NHS by dialling 111.

SECTION 2: Hazards identification

2.1. Classification of the mixture according to Regulation (EC) No. 1272/2008 [CLP]

Skin irritation cat. 2	H315: Causes Skin irritation
Skin Sensitisation cat. 1	H317: May cause an allergic reaction.
Eye Irritant cat. 2	H319: Causes serious eye Irritation.
Aquatic chronic cat. 2	H411: toxic to aquatic life with long-lasting effects.

2.2. Label elements



GHS07 **GHS09**

Signal Word: **Warning**
Hazard statements:

H315: Causes Skin irritation
H317: May cause an allergic reaction.
H319: Causes serious eye Irritation.
H411: toxic to aquatic life with long-lasting effects

Precautionary statements:

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 hazards

PBT: this material does not contain any substance identified as PBT or vPvB

SECTION 3: Composition/information on ingredients

3.2 Mixtures

Hazardous Components in Product

Ingredient Name	Concentration	Classification	H Phrases
Sol Odamask Concentrate	21.5% W/W	Flammable Liquid Cat.3 Skin Irritant Cat.2 Skin Sensitizer Cat.1 Aquatic Tox Chronic Cat.1	H226 H315 H317 H410
Emulsifier 2 CAS. No. 209-406-4	2.7% W/W	Flammable Liquid Cat.3 Skin Irritation Cat.2 Eye Damage Cat.1	H226 H315 H318
Emulsifier 1	1.5% W/W	Acute Toxicity (Oral) Cat.4 Eye Damage Cat.1	H302 H318

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

SECTION 4: First aid measures

4.1. Description of first aid measures

General: If during or after use/exposure you begin to feel unwell, seek medical attention bringing a copy of the product label/the SDS.

Eye contact: If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing. If eye irritation persists, seek medical advice.

Skin contact: If on skin: wash area with plenty of water. Take off contaminated clothing and wash it before reuse.

If skin irritation occurs get medical attention

Ingestion: If Swallowed: Rinse mouth. Do NOT induce vomiting.

Inhalation: If Inhaled: Remove person to fresh air and keep comfortable for breathing.

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

No further relevant information

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

Advice to doctor: Contains perfumes emulsified in water. Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing agents: Use dry powder or carbon dioxide extinguishing agents.

Unsuitable agents: water jet

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 firefighters

Wear self-contained breathing apparatus and appropriate protective equipment.

Fire residues and contaminated extinguishing media should be disposed according to current regulation. Do not allow extinguishing media to enter sewers, ground water or water courses.

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SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Avoid contact with released product. Protect eyes and skin. Use recommended personal protection measures (Section 8). Ventilate closed areas.

6.2. Environmental precautions

Do not allow the product to enter sewers, ground and surface waters. Do not rinse product to the sewers. In case of water contamination - inform appropriate authorities immediately.

6.3. Methods and material for containment and cleaning up

In case of unsealed container or spillage secure source of contamination and move product to empty container. Spillages should be treated by appropriate sorbent (sand, sawdust, diatomaceous earth, vermiculite, universal absorbent), collected to closed container, labelled, and safely disposed. Area of spillage should be cleaned with water. Cleaning up should be conducted under appropriate ventilation.

6.4. Reference to other sections

See section 8 for protective clothing – See section 7 for safe handling – See section 13 for disposal.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Read label before using product and use only as directed.
Avoid direct contact with mouth, skin and eyes.
Keep away from naked flames and sources of ignition.
Do not eat, drink, or smoke while in use.
Wash hands, face, and any exposed skin after use and before eating or drinking.

7.2. Conditions for safe storage, including any incompatibilities

Store in original container, tightly closed in a cool, dry place.
Store away from children, food, beverage, and animal feed.
Store and transport at temperatures between 0 and 35°C
Store in a well-ventilated location.

7.3. Specific end use(s)

See section 1.2.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Contains no substances with work place exposure limits.

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	Not needed under normal use and adequate ventilation.	Not needed under normal use and adequate ventilation.
Gloves	Protective Gloves to EN 374 Nitrile or PVC.	Protective Gloves to EN 374 Nitrile or PVC.
Overall	Basic type e.g. Heavy duty polycotton or coverall type 5/6.	Basic type e.g. Heavy duty polycotton or coverall type 5/6.
Goggles / Face shield	Safety glasses to EN 166	Safety glasses to EN 166

General safety and hygiene measures: Handle in accordance with good industrial hygiene and safety practice. Wearing of closed work clothing is recommended. Store work clothing separately. Keep away from food, drink and animal feeding stuffs.

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SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance:	Magnolia-yellow coloured emulsion.
Odour:	Strong Characteristic Vanilla type.
Odour threshold:	No data
pH:	5.8 – 7.5
Melting point/freezing point:	No available data.
Initial boiling point/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 limits:	Not applicable.
Vapor pressure:	Not applicable.
Vapor density:	Not applicable.
Relative density:	0.98
Solubility(ies):	Water: Miscible, emulsifies to form white emulsions.
Partition coefficient n-octanol/water (log Kow):	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 further relevant information

SECTION 10: Stability and reactivity

10.1. Reactivity

Not reactive under recommended conditions of storage and handling.

10.2. Chemical stability

Chemically stable but may separate in storage.

10.3. Possibility of hazardous reactions

Not a reactive mixture.

10.4. Conditions to avoid

Extremes of temperature.

10.5. Incompatible materials

Contact with strong acids or alkalis may affect the properties of the emulsion.

10.6. Hazardous decomposition products

None Known.

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SECTION 11: Toxicological information

11.1. Information on toxicological effects

Classification of the product was conducted by calculation method according to regulation 1272/2008, based on the content of hazardous ingredients:

a) acute toxicity: Based on data available classification criteria are not met.

b) irritation: Based on data available, product is classified as causing serious eye/skin irritation.

c) corrosivity: Based on data available classification criteria are not met.

d) sensitisation: Based on data available, product is classified as causing skin sensitisation. Sensitising components present at less than 0.1%W/W

e) repeated dose toxicity: Based on data available classification criteria are not met.

f) carcinogenicity: Based on data available classification criteria are not met.

g) mutagenicity: Based on data available classification criteria are not met.

h) toxicity for reproduction: Based on data available classification criteria are not met.

i) aspiration: No information.

11.2. Other Data

See section 2.3

SECTION 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

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Disposal of the product, empty containers and contaminated packaging must be made in accordance with the local law.

Dispose of unused product in the original container as hazardous waste.

Empty containers and contaminated PPE should be considered hazardous and disposed of appropriately.

Suggested waste code 16 03 05 Organic wastes containing hazardous components.

SECTION 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 Marpol and the IBC Code.**

Not applicable.

SECTION 15: Regulatory information

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

Labelling according to The Chemicals (Health and Safety) and Genetically Modified Organisms (Contained Use) (Amendment etc.) (EU Exit) Regulations 2019
Control of Substances Hazardous to Health Regulations 2002 (as amended).
The REACH etc. (Amendment etc.) (EU Exit) Regulations 2020.

15.2. Chemical safety assessment

No Chemical Safety Assessment has been carried out for this substance/mixture by the supplier.

SECTION 16: Other information

Use only in accordance with label instructions.
The information in this data sheet should be considered when undertaking a risk assessment under the COSHH regulations.

Ingredient classification data:

Flammable Liquid Cat.3	**H226:** Flammable liquid and vapour
Acute Toxicity Cat.4 (Oral)	**H302:** Harmful if swallowed.
Skin Irritant Cat.2	**H315:** Causes skin irritation.
Skin sensitizer Cat.1	**H317:** May cause an allergic skin reaction.
Serious eye damage Cat.1	**H318:** Causes serious eye damage.
Aquatic toxicity chronic Cat.1	**H410:** Very toxic to aquatic life with long lasting effects

Issue number (date)	Section amended
Issue (Jan 2017)	First creation.
Issue (Jun 2020)	Update to style and layout – some updates to minor wording.
Issue (Jan 2022)	Addition of emergency number – Update to section 15 legislation.

This safety 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.