

## SAFETY DATA SHEET

Compilation date: 27/02/2023

Revision: 3\*

### 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

#### 1.1. Product identifier

Product form: Mixture  
Trade name: Lemon Gel Cleaner  
Product group: Trade product  
Product code: PLAT013

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

##### 1.2.1 Relevant identified uses

Main use category: Professional use  
Function or use category: Washing and cleaning products (including solvent based products).

##### 1.2.2. Uses advised against

No additional information available

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

Company Name: Spearhead  
4 Symington Place  
Riverside Business Park  
Irvine  
KA11 5DE  
Tel: 0345 180 1800  
Email: sales@spearheadhealthcare.com

### 2. HAZARDS IDENTIFICATION

#### 2.1 Classification of the substance or mixture

Classification (REGULATION (EC) No. 1272/2008) as amended by GB-CLP Regulation, UK SI 2019/720.  
Skin Irrit. 2, Eye Dam. 1, Skin Sens. 1, EUH208

#### 2.2 Label elements

Hazard Pictograms (CLP):



Signal word (CLP): Danger

Hazard statements (CLP):  
H315: Causes skin irritation.  
H318: Causes serious eye damage.  
H317: May cause an allergic skin reaction.  
EUH208 Contains LIMONENE/ ORANGE TERPENES. May produce an allergic reaction.

Precautionary statements (CLP):  
P102 Keep out of reach of children.  
P280 Wear protective gloves/protective clothing/eye protection/face protection.  
P301+P313 IF SWALLOWED: Get medical advice/attention.  
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.  
P315 Get immediate medical advice/attention.

The full texts for all H- and EUH-phrases are displayed in Section 16 'Other Information'.

0345 180 1800 spearheadhealthcare.com sales@spearheadhealthcare.com

## 2.3 Other hazards

Other hazards not contributing to the classification:  
No presence of PBT and vPvB ingredients.

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

Common Name	CAS No./ EC No.	Classification According to (EC) 1272/2008 (CLP)	Conc (%)
SODIUM DODECYL BENZENE SULPHONATE	68411-30-3 270-115-0	Acute Tox. 4, H302 Skin Irrit. 2, H315 Eye Dam. 1 - H318	5 - 10
PINE OIL / TERPINEOL	8000-41-7 232-268-1	Skin Irrit. 2, H315 Eye Irrit. 2, H319	5 - 10
LIMONENE	5989-27-5 227-813-5	Flam. Liq. 3, H226 Skin Irrit. 2, H315 Skin Sens. 1, H317 Asp. Tox. 1, H304 Aquatic Chronic 1, H410	0.1 - 1

The full texts for all H- and EUH-phrases are displayed in Section 16 'Other Information'.

## 4. FIRST AID MEASURES

### 4.1. Description of first aid measures

First-aid measures after inhalation:	IF INHALED: Unlikely route of exposure as the product does not contain volatile substances. If spray/mist has been inhaled, move affected person to fresh air and keep warm and at rest in a position comfortable for breathing.
First-aid measures after skin contact:	IF ON SKIN: Wash with plenty of water. If skin irritation occurs: Get medical advice/attention immediately.
First-aid measures after eye contact:	IF IN EYES: Rinse cautiously with water for at least 10 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Consult an ophthalmologist immediately if the symptoms persist. Immediately call a doctor.
First-aid measures after ingestion:	IF SWALLOWED: rinse mouth. Drink plenty of water. Do NOT induce vomiting. Immediately call a doctor.

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

Symptoms/injuries after inhalation:	Irritation of nose, throat and airway.
Symptoms/injuries after skin contact:	Causes skin irritation. Prolonged and frequent contact may cause redness and irritation.
Symptoms/injuries after eye contact:	Severe irritation, burning and tearing. Prolonged contact causes serious eye and tissue damage.
Symptoms/injuries after ingestion:	May cause discomfort if swallowed.

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

Treat symptomatically.

## 5. FIREFIGHTING MEASURES

### Extinguishing media:

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

### Special hazards:

Thermal decomposition or combustion products may include the following substances:  
Irritating gases or vapours.

## Special protective equipment:

Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing.

## 6. ACCIDENTAL RELEASE MEASURES

### Personal precautions:

Wear personal protection- protective clothing, gloves, eye and face protection. For personal protection, see Section 8.  
Evacuate personnel to safe areas. Keep out unprotected personnel. Keep unauthorised personnel away.

### Environmental precautions:

Observe regulations on prevention of water pollution. Dam with sand or earth or appropriate bunding.  
Do not permit to enter into surface water, stretches of water or soil undiluted.  
Spillages or uncontrolled discharges into watercourses must be reported immediately to the Environmental Agency or other appropriate regulatory body.

### Methods and material for containment and clean-up:

Small Spillages: Flush away spillage with plenty of water. Large Spillages: Contain and absorb spillage with sand, earth or other non-combustible material. Collect and place in suitable waste disposal containers and seal securely.

### Additional advice:

See Section 8.

## 7. HANDLING & STORAGE

### Precautions for safe handling:

Handle in accordance with good industrial hygiene and safety practices.  
Wear protective clothing, gloves, eye and face protection. For personal protection see section 8.

### Storage precautions:

Keep only in the original container in a cool, well-ventilated place. Store away from the following materials: Oxidising materials.  
Advice on common storage  
Do not store together with: oxidising substances

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### 8.1. Control parameters:

#### TERPINEOL/ PINE OIL

#### Workplace exposure limits: Respirable dust

State	8 hour TWA	15 min. STEL	8 hour TWA	15 min. STEL
UK	560mgs/m <sup>3</sup>	-	-	-

#### LIMONINE/ ORANGE TERPENES

UK	100ppm	150ppm 10 mins	-	-
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### 8.2. Exposure controls

#### Engineering measures:

It is advisable to provide for installation of emergency shower and eye bath. Provide adequate ventilation.

#### Respiratory protection:

If workplace exposure limit is exceeded apply Respiratory protective equipment.

#### Hand protection:

Wear suitable gloves. PVC or rubber gloves are recommended.

#### Eye protection:

Wear approved safety goggles or face shield.

#### Skin protection:

Wear protective clothing, against splashing and contamination.

#### Hygiene Measures:

Avoid contact with skin, eyes and clothing. Ensure there is good room ventilation.  
No eating, drinking, smoking or snuffing tobacco at work. Wash face and/or hands before breaks and end of work Use preventative skin protection. Avoid contaminating clothes with product. Immediately change moistened and saturated work clothing. Any contaminated protective equipment to be cleaned after use.

#### Protective Measures:

Handle in accordance with good industrial hygiene and safety practices. Wear suitable protective clothing, gloves and eye/face protection.

## 9. PHYSICAL & CHEMICAL PROPERTIES

Appearance:	Gel
Colour:	Yellow
Odour:	Citrus
pH:	7-8
Melting point:	Data not available
Initial boiling point and range:	Est. 100°C @ 760 mm Hg
Flash point:	Boils without flashing.
Relative density:	1.00 @ 20°C
Solubility:	Soluble in water.

### 9.2 Further information

None.

## 10. STABILITY & REACTIVITY

<b>10.1 Reactivity:</b>	Reactions with the following materials may generate heat: Oxidising agents.
<b>10.2 Chemical stability:</b>	Stable under recommended storage conditions
<b>10.3 Possibility of hazardous reactions:</b>	See Sections 10.1, 10.2 and 10.5
<b>10.4 Conditions to avoid:</b>	Strong Heat.
<b>10.5 Incompatible materials:</b>	Strong Oxidising agents. Do not mix with other cleaning products unless advised to do so by a professional from the industry.
<b>10.6 Hazardous decomposition products:</b>	Decomposition products under conditions of thermal decomposition: unknown

## 11. TOXICOLOGICAL INFORMATION

### 11.1. Information on toxicological effects

#### Hazardous ingredients:

##### TERPINEOL/ PINE OIL

DERMAL RBT	LD50 >5000 mg/kg
ORAL RAT	LD50 >3200 mg/kg

##### ORANGE TERPENES CLP

DERMAL RBT	LD50 >2000 mg/kg
ORAL RAT	LD50 4400 mg/kg

#### Relevant hazards for substance:

Hazard	Route	Basis
Skin corrosion/irritation	DRM	Hazardous: calculated
Serious eye damage/irritation	OPT	Hazardous: calculated
Respiratory/skin sensitisation	DRM	Hazardous: calculated

#### Symptoms / routes of exposure

Skin contact:	There may be irritation and redness at the site of contact.
Eye contact:	There may be irritation and redness. The eyes may water profusely.
Ingestion:	There may be soreness and redness of the mouth and throat. Nausea and stomach pain may occur. There may be vomiting.
Inhalation:	Not applicable.
Delayed / immediate effects:	Immediate effects can be expected after short-term exposure.

## 12. ECOLOGICAL INFORMATION

#### Hazardous ingredients:

##### TERPINEOL/ PINE OIL

ALGAE	72H ErC50	68 mg/l
DAPHNIA	48H EC50	73 mg/l
FISH	96H LC50	68-80 mg/l

**12.2. Persistence and degradability:** Persistence and degradability: No data available.

**12.3. Bioaccumulative potential:** Bioaccumulative potential: No data available.

<b>12.4. Mobility in soil:</b>	Mobility: Readily absorbed into soil.
<b>12.5. Results of PBT and vPvB assessment:</b>	PBT identification: This product is not identified as a PBT/vPvB substance.
<b>12.6. Other adverse effects:</b>	Other adverse effects: Toxic to aquatic organisms. Toxic to soil organisms.

## 13. DISPOSAL CONSIDERATIONS

### 13.1 Waste treatment methods

Product:	Disposal in accordance to local authority regulations. In the case of recycling/disposal contact the relevant authorities. Offer surplus and non-recyclable solutions to a licensed disposal company. With small amounts: May be disposed of as sewage water in accordance with local regulations by previously diluting with plenty of water.
Uncleaned Packaging:	Rinse empty containers before disposal; recommended cleaning agent; water. Offer rinsed packaging material to local recycling facilities.

## 14. TRANSPORT INFORMATION

UN No:	None
Classification:	Not classified as hazardous for transport.
UN proper shipping name:	None
Transport hazard class:	Not subject to ADR/IATA/IMDG/RID codes.
Packing group:	None
Environmental hazards:	None
Special precautions for user:	None

## 15. REGULATORY INFORMATION

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

#### 15.1.1. EU-Regulations

No REACH Annex XVII restrictions. Contains no substance on the REACH candidate list.  
Where applicable, the surfactant(s) contained in this preparation 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.

#### 15.1.2. National regulations

No additional information available.

### 15.2. Chemical safety assessment

No chemical safety assessment has been carried out.

## 16. OTHER INFORMATION

Usage and handling instructions are not mentioned on this Material Safety Data Sheet. The labelling of the product is indicated in Section 2.2.

The full text of the H- and EUH-phrases indicated in this safety data sheet are as follows:

EUH208:	Contains LIMONENE/ ORANGE TERPENES. May produce an allergic reaction.
H226:	Flammable liquid and vapour.
H302:	Harmful if swallowed
H304:	May be fatal if swallowed and enters airways.
H315:	Causes skin irritation.
H317:	May cause an allergic skin reaction.
H318:	Causes serious eye damage.
H319:	Causes serious eye irritation.
H410:	Very toxic to aquatic life with long lasting effects.

The information given has been compiled with reference to the Chemicals (Hazard Information & Packaging For Supply) Regulations (CHIP4) 2009 as amended, the Registration, Evaluation, Authorisation

& Restriction of Chemicals (REACH) Regulations, as amended, the Control of Substances Hazardous to Health Regulations (COSHH) 2002, as amended, and 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, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006. This information also harmonises the provisions and criteria for the classification and labelling of substances, mixtures and certain specific articles within the Community, taking into account the classification criteria and labelling rules of the GHS.

\* Version History - Reason for Revision:

1. Add Classification According to (EC) 1272/2008 (CLP)
2. Remove Classification According to Directive 67/548/EEC or 1999/45/EC. Update Supplier Address.
3. Update GB-CLP Regulation. Update UK SI.

**Legal disclaimer:** The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.