



# Grenade Oil Stain Remover

## Safety Data Sheet

This safety data sheet is prepared in accordance with Commission Regulation (EU) No 2015/830.

Date of issue: 17/03/2022

Version: 1.24

Revision date: 17/03/2022

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

#### 1.1. Product identifier

Product form : Mixture  
Product name : Grenade Oil Stain Remover  
Product code : FHYD001  
Product group : Blend

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

##### 1.2.1. Relevant identified uses

Industrial/Professional use spec : Industrial  
For professional use only

##### 1.2.2. Uses advised against

No additional information available

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

SoftWash UK Ltd  
Unit 10 Horse Shoe Yard Ind  
PE6 0BG Cambridgeshire - United Kingdom  
Tel +44 7594125135

[mark@softwashing.uk](mailto:mark@softwashing.uk) - [www.softwashing.uk](http://www.softwashing.uk)

#### 1.4. Emergency telephone number

Emergency number : 0844 892 0111

Country	Organisation/Company	Address	Emergency number	Comment
	National Poisons Information Service (Birmingham Centre) City Hospital	Dudley Road B18 7QH Birmingham	0844 892 0111 (UK only)	

### SECTION 2: Hazards identification

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

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

Skin corrosion/irritation, Category 2 H315

Serious eye damage/eye irritation, Category 2 H319

Full text of H statements : see section 16

##### Classification according to Directive 67/548/EEC or 1999/45/EC

Xi; R36

R10

Full text of R-phrases: see section 16

#### 2.2. Label elements

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

Hazard pictograms (CLP) :



GHS07

Signal word (CLP) :

Warning

Hazard statements (CLP) :

H315 - Causes skin irritation  
H319 - Causes serious eye irritation

Precautionary statements (CLP) :

P264 - Wash ... thoroughly after handling  
P280 - Wear protective gloves/protective clothing/eye protection/face protection  
P302+P352 - IF ON SKIN: Wash with plenty of water/...  
P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing  
P321 - Specific treatment (see ... on this label)

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P332+P313 - If skin irritation occurs: Get medical advice/attention  
P337+P313 - If eye irritation persists: Get medical advice/attention  
P362+P364 - Take off contaminated clothing and wash it before reuse

Security closing plug for children : No

Tactile warning : No

### 2.3. Other hazards

No additional information available

## SECTION 3: Composition/information on ingredients

### 3.1. Substances

Not applicable

### 3.2. Mixture

Name	Product identifier	%	Classification according to Directive 67/548/EEC	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Sodium Alkyl Sulfate	(CAS No) 68411-30-3	2 - 7	Not classified	Not classified
Citric Acid	(CAS No) 77-92-9 (EC no) 201-069-1	1 - 5	Xi; R36	Eye Irrit. 2, H319
1-methoxy-2-propanol, monopropylene glycol methyl ether	(CAS No) 107-98-2 (EC no) 203-539-1 (EC index no) 603-064-00-3	>= 4.975	R10 R67	Flam. Liq. 3, H226 STOT SE 3, H336
Blend of alcohol esters		> 4.95	Xi; R41 Xi; R37	Not classified
2-aminoethanol, ethanolamine	(CAS No) 141-43-5 (EC no) 205-483-3 (EC index no) 603-030-00-8	0.9 - 4.5	Xn; R20/21/22 C; R34	Acute Tox. 4 (Oral), H302 Acute Tox. 4 (Dermal), H312 Acute Tox. 4 (Inhalation:dust,mist), H332 Skin Corr. 1B, H314 STOT SE 3, H335
Coconut Diethanolamine	(CAS No) 8051-30-7	0.7 - 4.5	Xi; R36/38	Skin Irrit. 2, H315 Eye Irrit. 2, H319
Water	(CAS No) 7732-18-5 (EC no) 231-791-2	0.01 - 1	Not classified	Not classified
DODECYLBENZENE SULPHONIC ACID - ISOPROPYLAMINE SALT	(CAS No) 26264-05-1 (EC no) 247-556-2	> 0.9	Xn; R22 Xi; R41 Xi; R38	Not classified
ALCOHOL ETHOXYLATE WITH 9MEO	(CAS No) 68439-45-2	> 0.8	Xn; R22 Xi; R41	Acute Tox. 4 (Oral), H302 Eye Dam. 1, H318
Diethanolamine		0.01 - 0.75	Xn; R22 Xn; R48/22 Xi; R41 Xi; R38	Not classified
2-methoxypropanol	(CAS No) 1589-47-5 (EC no) 216-455-5 (EC index no) 603-106-00-0	< 0.03	R10 Repr.Cat.2; R61 Xi; R41 Xi; R37/38	Flam. Liq. 3, H226 Repr. 1B, H360D STOT SE 3, H335 Skin Irrit. 2, H315 Eye Dam. 1, H318

#### Specific concentration limits:

Name	Product identifier	Specific concentration limits: DSD/DPD	Specific concentration limits: CLP calculator
2-aminoethanol, ethanolamine	(CAS No) 141-43-5 (EC no) 205-483-3 (EC index no) 603-030-00-8	(5 =< C < 10) Xi;R36/37/38 (C >= 10) C;R34	(C >= 5) STOT SE 3, H335

Full text of R- and H-phrases: see section 16

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

First-aid measures general : Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).

First-aid measures after inhalation : Remove victim to fresh air and keep at rest in a position comfortable for breathing. If breathing has stopped, apply artificial respiration. Keep warm. Get medical attention immediately. Assure fresh air breathing. Allow the victim to rest.

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First-aid measures after skin contact	: Remove contaminated clothing. Drench affected area with water for at least 15 minutes. If irritation develops, obtain medical attention. Remove affected clothing and wash all exposed skin area with mild soap and water, followed by warm water rinse.
First-aid measures after eye contact	: Immediately flush eyes thoroughly with water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical advice/attention. Rinse immediately with plenty of water. Obtain medical attention if pain, blinking or redness persist.
First-aid measures after ingestion	: Never give anything by mouth to an unconscious person. If conscious, give half a litre of water to drink immediately. Obtain emergency medical attention. Rinse mouth. Do NOT induce vomiting.

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

Symptoms/injuries : Not expected to present a significant hazard under anticipated conditions of normal use.

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

No additional information available

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

Suitable extinguishing media : Foam. Carbon dioxide. Dry powder. Water spray. Sand.  
Unsuitable extinguishing media : Do not use a heavy water stream.

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

Fire hazard : In case of fire, toxic incineration products may be released such as: Nitrogen Gases (NO<sub>x</sub>), Carbon Dioxide (CO<sub>2</sub>), Carbon Monoxide (CO).

### 5.3. Advice for firefighters

Firefighting instructions : Use water spray or fog for cooling exposed containers. Evacuate area. Exercise caution when fighting any chemical fire. Avoid (reject) fire-fighting water to enter environment.  
Protection during firefighting : Do not enter fire area without proper protective equipment, including respiratory protection.

## SECTION 6: Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

General measures : Avoid release to the environment. Ventilate area. Use protective clothing. Try to stop release. Keep people away from and upwind of spill/leak. Eliminate ignition sources.

#### 6.1.1. For non-emergency personnel

Emergency procedures : Evacuate unnecessary personnel.

#### 6.1.2. For emergency responders

Protective equipment : Equip cleanup crew with proper protection.  
Emergency procedures : Ventilate area.

### 6.2. Environmental precautions

Avoid release to the environment. Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters.

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

Methods for cleaning up : Absorb into dry earth or sand. Transfer to a suitable container. This material and its container must be disposed of in a safe way, and as per local legislation. Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. Collect spillage. Store away from other materials.

### 6.4. Reference to other sections

See Heading 8. Exposure controls and personal protection.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

Precautions for safe handling : Avoid spilling, skin and eye contact. Provide good ventilation in process area to prevent formation of vapour. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work.

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

Storage conditions : Do NOT allow to freeze. Keep container tightly closed. Store in original container. Keep only in the original container in a cool, well ventilated place away from : Keep container closed when not in use.  
Incompatible products : Strong bases. Strong acids.  
Incompatible materials : Sources of ignition. Direct sunlight.

### 7.3. Specific end use(s)

No additional information available

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### SECTION 8: Exposure controls/personal protection

#### 8.1. Control parameters

1-methoxy-2-propanol, monopropylene glycol methyl ether (107-98-2)		
EU	IOELV TWA (mg/m <sup>3</sup> )	375
EU	IOELV TWA (ppm)	100 ppm
United Kingdom	WEL TWA (mg/m <sup>3</sup> )	375
United Kingdom	WEL TWA (ppm)	100
United Kingdom	WEL STEL (mg/m <sup>3</sup> )	560
United Kingdom	WEL STEL (ppm)	150 ppm
2-aminoethanol, ethanolamine (141-43-5)		
EU	IOELV TWA (mg/m <sup>3</sup> )	2.5 mg/m <sup>3</sup>
EU	IOELV TWA (ppm)	1 ppm
EU	IOELV STEL (mg/m <sup>3</sup> )	7.6 mg/m <sup>3</sup>
EU	IOELV STEL (ppm)	3 ppm
United Kingdom	WEL TWA (mg/m <sup>3</sup> )	2.5
United Kingdom	WEL TWA (ppm)	1
United Kingdom	WEL STEL (mg/m <sup>3</sup> )	7.6
United Kingdom	WEL STEL (ppm)	3 ppm

#### 8.2. Exposure controls

Personal protective equipment : Protective goggles. Gloves. Avoid all unnecessary exposure.

Hand protection : Wear protective gloves

Eye protection : Chemical goggles or safety glasses

Respiratory protection : Wear appropriate mask



Other information : Do not eat, drink or smoke during use.

### SECTION 9: Physical and chemical properties

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

Physical state	: Liquid
Colour	: Yellow. Orange.
Odour	: Distinct.
Odour threshold	: No data available
pH	: No data available
Relative evaporation rate (butylacetate=1)	: No data available
Melting point	: No data available
Freezing point	: No data available
Boiling point	: No data available
Flash point	: ≥ 65 °C
Self ignition temperature	: No data available
Decomposition temperature	: No data available
Flammability (solid, gas)	: Non flammable.
Vapour pressure	: No data available
Relative vapour density at 20 °C	: No data available
Relative density	: 0.978 (at 20°C)
Solubility	: Miscible.
Log Pow	: No data available
Viscosity, kinematic	: No data available
Viscosity, dynamic	: No data available
Explosive properties	: No data available
Oxidising properties	: No data available
Explosive limits	: No data available

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### 9.2. Other information

No additional information available

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

No additional information available

### 10.2. Chemical stability

Stable under normal conditions. Not established.

### 10.3. Possibility of hazardous reactions

Not established.

### 10.4. Conditions to avoid

Direct sunlight. Extremely high or low temperatures.

### 10.5. Incompatible materials

Strong acids. Strong bases.

### 10.6. Hazardous decomposition products

fume. Carbon monoxide. Carbon dioxide.

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

Acute toxicity : Not classified

2-aminoethanol, ethanolamine (141-43-5)	
LD50 oral rat	200 - 2000 mg/kg
LD50 dermal rabbit	400 - 2000 mg/kg
LC50 inhalation rat (mg/l)	1 - 5 mg/l/4h

ALCOHOL ETHOXYLATE WITH 9MEO (68439-45-2)	
LD50 oral rat	> 200 - 2000 mg/kg

Skin corrosion/irritation	: Causes skin irritation. Based on available data, the classification criteria are not met
Serious eye damage/irritation	: Causes serious eye irritation. Based on available data, the classification criteria are not met
Respiratory or skin sensitisation	: Not classified Based on available data, the classification criteria are not met
Germ cell mutagenicity	: Not classified Based on available data, the classification criteria are not met
Carcinogenicity	: Not classified Based on available data, the classification criteria are not met
Reproductive toxicity	: Not classified Based on available data, the classification criteria are not met
Specific target organ toxicity (single exposure)	: Not classified Based on available data, the classification criteria are not met
Specific target organ toxicity (repeated exposure)	: Not classified Based on available data, the classification criteria are not met
Aspiration hazard	: Not classified Based on available data, the classification criteria are not met
Potential Adverse human health effects and symptoms	: Based on available data, the classification criteria are not met.

## SECTION 12: Ecological information

### 12.1. Toxicity

2-aminoethanol, ethanolamine (141-43-5)	
LC50 fishes 1	> 100 mg/l
LC50 other aquatic organisms 1	> 10 - 100
EC50 Daphnia 1	> 10 - 100

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### 12.2. Persistence and degradability

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Persistence and degradability	Degradability : >97% (German Law). Not established.
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### 12.3. Bioaccumulative potential

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Bioaccumulative potential	Not established.
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### 12.4. Mobility in soil

No additional information available

### 12.5. Results of PBT and vPvB assessment

No additional information available

### 12.6. Other adverse effects

Additional information : Avoid release to the environment

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

Waste disposal recommendations : Confirm disposal procedures with environmental engineer and local regulations. Dispose in a safe manner in accordance with local/national regulations.

Ecology - waste materials : Avoid release to the environment.

## SECTION 14: Transport information

In accordance with ADR / RID / IMDG / IATA

### 14.1. UN number

No dangerous good in sense of transport regulations

### 14.2. UN proper shipping name

Proper Shipping Name (ADR) : Not applicable

Proper Shipping Name (IMDG) : Not applicable

Proper Shipping Name (IATA) : Not applicable

Proper Shipping Name (ADN) : Not applicable

Proper Shipping Name (RID) : Not applicable

### 14.3. Transport hazard class(es)

#### ADR

Transport hazard class(es) (ADR) : Not applicable

#### IMDG

Transport hazard class(es) (IMDG) : Not applicable

#### IATA

Transport hazard class(es) (IATA) : Not applicable

#### ADN

Transport hazard class(es) (ADN) : Not applicable

#### RID

Transport hazard class(es) (RID) : Not applicable

### 14.4. Packing group

Packing group (ADR) : Not applicable

Packing group (IMDG) : Not applicable

Packing group (IATA) : Not applicable

Packing group (ADN) : Not applicable

Packing group (RID) : Not applicable

### 14.5. Environmental hazards

Dangerous for the environment : No

Marine pollutant : No

Other information : No supplementary information available

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### 14.6. Special precautions for user

#### - Overland transport

No data available

#### - Transport by sea

No data available

#### - Air transport

No data available

#### - Inland waterway transport

No data available

#### - Rail transport

No data available

### 14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable

## SECTION 15: Regulatory information

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

#### 15.1.1. EU-Regulations

Contains no substances with Annex XVII restrictions

Contains no REACH candidate substance

Contains no REACH Annex XIV substances.

#### 15.1.2. National regulations

No additional information available

### 15.2. Chemical safety assessment

No chemical safety assessment has been carried out

## SECTION 16: Other information

Data sources : 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.

Other information : None.

Full text of R-, H- and EUH-phrases::

Acute Tox. 4 (Dermal)	Acute toxicity (dermal), Category 4
Acute Tox. 4 (Inhalation:dust,mist)	Acute toxicity (inhalation:dust,mist) Category 4
Acute Tox. 4 (Oral)	Acute toxicity (oral), Category 4
Eye Dam. 1	Serious eye damage/eye irritation, Category 1
Eye Irrit. 2	Serious eye damage/eye irritation, Category 2
Flam. Liq. 3	Flammable liquids, Category 3
Repr. 1B	Reproductive toxicity, Category 1B
Skin Corr. 1B	Skin corrosion/irritation, Category 1B
Skin Irrit. 2	Skin corrosion/irritation, Category 2
STOT SE 3	Specific target organ toxicity — Single exposure, Category 3, Narcosis
STOT SE 3	Specific target organ toxicity — Single exposure, Category 3, Respiratory tract irritation
H226	Flammable liquid and vapour
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
H332	Harmful if inhaled
H335	May cause respiratory irritation
H336	May cause drowsiness or dizziness
H360D	May damage the unborn child

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R10	Flammable
R20/21/22	Harmful by inhalation, in contact with skin and if swallowed
R22	Harmful if swallowed
R34	Causes burns
R36	Irritating to eyes
R36/38	Irritating to eyes and skin
R37	Irritating to respiratory system
R37/38	Irritating to respiratory system and skin
R38	Irritating to skin
R41	Risk of serious damage to eyes
R48/22	Harmful: danger of serious damage to health by prolonged exposure if swallowed
R61	May cause harm to the unborn child
R67	Vapours may cause drowsiness and dizziness
C	Corrosive
Xi	Irritant
Xn	Harmful

SDS EU (REACH Annex II)

*This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product*