SAFETY DATA SHEET

This Safety Data Sheet is provided in compliance with the EC Regulations 1907/2006, 1272/2008, 2015/830 and 2020/878

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

1.1 Product identifier

- Product Name: Loam Foam Concentrate
- UFI: R84U-8NJS-010S-D0NY
- Product Part Number: 3175

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

- Use of the substance/mixture: Cleaning agent
- Use advised against: No hazardous reactions known if used for its intended purpose, The undiluted product must not be used in a confined space without good ventilation

1.3 Details of the supplier of the safety data sheet

- Name of Supplier: Peaty's Ltd
- Address of Supplier: The Circle 33,
  Rockingham Lane,
  Sheffield,
  UK
  S1 4FW,
- Telephone: +44 (0)330 001 1289
- Responsible Person: Chemical Compliance
- Email: info@peatys.co.uk

1.4 Emergency telephone number

- Emergency Telephone: +44 (0) 2070 303 187

US Toll free: 1-8772717077

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

- CLP: Skin Irrit. 2, Eye Dam. 1, Aquatic Chronic 3

2.2 Label elements

- Signal Word: Danger

Hazard statements

Causes skin irritation.

SECTION 2: Hazards identification (....)

Causes serious eye damage.
Harmful to aquatic life with long lasting effects.

Precautionary statements

Avoid release to the environment.
IF ON SKIN: Wash with plenty of soap and water.
If skin irritation occurs: Get medical advice/attention.
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
Keep out of reach of children
Dispose of contents/container to an authorised waste collection point

2.3 Other hazards

- May decompose on exposure to heat
- Contains: Amides, C8-C18(Even numbered) and C18(Unsaturated), N,N-Bis(Hydroxyethyl), TETRASODIUM ETHYLENE DIAMINE TETRAACETATE, Alcohols, C12-14, Ethoxylated, Sulphates, Sodium Salts, DISODIUM METASILICATE
- Composition information in accordance with EC Regulation 648/2004 of the European Parliament and of the Council of 31st March 2004 on detergents: anionic surfactants <5%, non-ionic surfactants 5<15%, EDTA and salts thereof <5%, perfumes

SECTION 3: Composition/information on ingredients

3.2 Mixtures

	CAS Number	EC Number	Concentration	Specific Concentration Limits	M factor	Acute toxicity estimate
1-methoxy-2-propanol; monopropylene glycol methyl ether	107-98-2	203-539-1	10-30%	Not applicable	Not applicable	LD_{50} (oral, rat): 4016 mg/kg LD_{50} (skin, rat): >2000 mg/kg
Amides, C8-18 (even numbered) and C18-unsatd., N,N-bis(hydroxyethyl)	Not available	931-329-6	1-10%	Not applicable	Not applicable	LD_{50} (oral, rat): >2000 mg/kg LD_{50} (skin, rabbit): >2000 mg/kg
tetrasodium ethylene diamine tetraacetate	64-02-8	200-573-9	1-10%	Not applicable	Not applicable	LD_{50} (oral, rat): # mg/kg
Alcohols, C12-14, ethoxylated, sulfates, sodium salts	68891-38-3	500-234-8	1-10%	Not applicable	Not applicable	Not available

SECTION 3: Composition/information on ingredients (....)

disodium metasilicate	6834-92-0	229-912-9	1-10%	Not applicable	Not applicable	LD_{50} (oral, rat): 1250 mg/kg LC_{50} (inhalation, rat): >2.06 mg/l/4h LD_{50} (skin, rat): >5000 mg/kg
d-carvone; (5S)-2-methyl-5-(prop-1-en-2-yl)cyclohex-2-en-1-one	2244-16-8	218-827-2	0-1%	Not applicable	Not applicable	LD_{50} (oral, rat): 3560 mg/kg LC_{50} (inhalation, rat): 22.07 mg/l/4h LD_{50} (skin, rabbit): 4000 mg/kg
dipentene; limonene	138-86-3	205-341-0	0-1%	Not applicable	Not applicable	Not available

	Categories	REACH Registration Number	Symbols	H Statements
1-methoxy-2-propanol; monopropylene glycol methyl ether	Flam. Liq. 3 STOT SE 3	01-2119457435-35-XXXX	GHS02 GHS07	H226;H336
Amides, C8-18 (even numbered) and C18-unsatd., N,N-bis(hydroxyethyl)	Skin Irrit. 2 Eye Dam. 1 Aquatic Chronic 2	01-2119490100-53-XXXX	GHS05, GHS09	H315, H318, H411
tetrasodium ethylene diamine tetraacetate	Acute Tox. 4 Eye Dam. 1	01-2119486762-27-XXXX	GHS05 GHS07	H302;H318
Alcohols, C12-14, ethoxylated, sulfates, sodium salts	Skin Irrit. 2 Eye Dam. 1 Aquatic Chronic 3	01-2119488639-16-XXXX	GHS05	H315, H318, H412
disodium metasilicate	Met. Corr. 1 Carc. Cat. 1 Eye Irrit. 2A STOT SE 3	01-2119449811-37-XXXX	GHS05 GHS07	H335;H314
d-carvone; (5S)-2-methyl-5-(prop-1-en-2-yl)cyclohex-2-en-1-one	Skin Sens. 1	01-2120762154-58-XXXX	GHS07	H317
dipentene; limonene	Flam. Liq. 3 Skin Irrit. 2 Skin Sens. 1 Aquatic Acute 1 Aquatic Chronic 1	01-2120766421-57-XXXX	GHS02 GHS07 GHS09	H226 H315 H317 H400 H410

SECTION 4: First aid measures

4.1 Description of first aid measures

SECTION 4: First aid measures (....)

- Inhalation: In case of accident by inhalation: remove casualty to fresh air and keep at rest, If breathing is difficult, oxygen should be given by a trained person, Keep warm and at rest, in a half upright position. Loosen clothing, Seek medical advice if necessary
- Ingestion: If swallowed, rinse mouth with water (only if the person is conscious), Do not induce vomiting, Never give anything by mouth to an unconscious person, Get medical advice/attention.
- Contact with skin: Wash affected area with plenty of water, If skin irritation occurs: Get medical advice/attention.
- Contact with eyes: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing., Obtain immediate medical attention

4.2 Most important symptoms and effects, both acute and delayed

Inhalation

May cause irritation
May cause coughing
In cases of severe exposure, breathing difficulty may develop

Ingestion

May cause nausea/vomiting
May cause gastro-intestinal disturbances

Contact with skin

Causes skin irritation.
In cases of severe exposure, burning sensation may develop
May cause allergic reaction in susceptible people

Contact with eyes

Causes serious eye damage.
May cause burning sensation
May cause redness

4.3 Indication of any immediate medical attention and special treatment needed

- Treat symptomatically

SECTION 5: Firefighting measures

5.1 Extinguishing media

- Not flammable. In case of fire use extinguishing media appropriate to surrounding conditions
- In case of fire use water spray or fog, alcohol resistant foam, dry chemical or carbon dioxide
- Do not use water jets

5.2 Special hazards arising from the substance or mixture

- May give off noxious and toxic fumes in a fire
- Decomposition products may include carbon oxides
- Smoke from fires is irritating. Take precautions to protect personnel from exposure

5.3 Advice for firefighters

- Keep container(s) exposed to fire cool, by spraying with water
- Prevent run off water from entering drains if possible
- Avoid breathing dust/fume/gas/mist/vapours/spray.

SECTION 5: Firefighting measures (....)

- Wear suitable protective clothing, eye/face protection and gloves
- In case of inadequate ventilation wear respiratory protection.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

- Wear protective clothing as per section 8
- Wash thoroughly after dealing with spillage
- Remove contaminated material to safe location for subsequent disposal
- Seek expert advice for removal and disposal of all contaminated materials and wastes

6.2 Environmental precautions

- Stop leak if safe to do so.
- Avoid release to the environment.
- Use appropriate containment to avoid environmental contamination
- Do not empty into drains
- Dyke to prevent entry to sewer or waterway. Transfer liquid to a holding container
- If contamination of drainage systems or water courses is unavoidable, immediately inform appropriate authorities

6.3 Methods and material for containment and cleaning up

- Absorb spillage in suitable inert material
- Place in sealable container
- Dyke to prevent entry to sewer or waterway. Transfer liquid to a holding container
- Dispose of this material and its container at hazardous or special waste collection point
- Wash affected area with plenty of water
- Obtain the consent of pollution control authorities before discharging to waste water treatment plants
- Decontaminate personal protective equipment after use. If this is not possible, dispose of as contaminated waste
- Wash thoroughly after dealing with spillage

6.4 Reference to other sections

- Wear protective clothing as per section 8
- See Section 11 - Toxicological Information

SECTION 7: Handling and storage

7.1 Precautions for safe handling

- Use personal protective equipment as required.
- Ensure adequate ventilation
- Do not breathe spray/mists
- Get medical advice/attention if you feel unwell.
- When using do not eat, drink or smoke
- Keep away from food, drink and animal feedingstuffs
- IF ON SKIN: Wash with plenty of soap and water.
- Wash thoroughly after use

7.2 Conditions for safe storage, including any incompatibilities

- Store above 5 °C
- Keep at temperature not exceeding 35 °C
- Keep container tightly closed, in a cool, well ventilated place
- Opened containers should be carefully resealed and stored in an upright position

SECTION 7: Handling and storage (....)

- Protect from frost

7.3 Specific end use(s)

- See Section 1.2

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Amides, C8-18 (even numbered) and C18-unsatd., N,N-bis(hydroxyethyl)

DNEL (Consumer; dermal, long term systemic effects): 0.089 mg/kg bw/day
DNEL (Consumer; inhalational, long term systemic effects): 2.03 mg/m³
DNEL (Consumer; oral, long term systemic effects): 1.17 mg/kg bw/day
DNEL (Industry; dermal, long term systemic effects): 0.75 mg/kg bw/day
DNEL (Industry; inhalational, long term systemic effects): 11.5 mg/m³

tetrasodium ethylene diamine tetraacetate

DNEL (Consumer; inhalational, long term systemic effects): 0.6 mg/m³
DNEL (Consumer; oral, long term systemic effects): 25 mg/kg bw/day
DNEL (Industry; inhalational, long term systemic effects): 1.5 mg/m³
DNEL (Industry; inhalational, short term local effects): 3 mg/m³
DNEL (Industry; inhalational, short term systemic effects): 3 mg/m³
DNEL (Industry; inhalational, long term local effects): 1.5 mg/m³
DNEL (Consumer; inhalational, short term systemic effects): 1.2 mg/m³

Alcohols, C12-14, ethoxylated, sulfates, sodium salts

DNEL (Consumer; dermal, long term systemic effects): 1650 mg/kg bw/day
DNEL (Consumer; inhalational, long term systemic effects): 52 mg/m³
DNEL (Consumer; oral, long term systemic effects): 15 mg/kg bw/day
DNEL (Industry; dermal, long term systemic effects): 2750 mg/kg bw/day
DNEL (Industry; inhalational, long term systemic effects): 175 mg/m³
DNEL (Consumer; dermal, long term local effects): 0.079 mg/cm²
DNEL (Industry; dermal, long term local effects): 0.13 mg/cm²

8.2 Exposure controls


- Wear goggles giving complete eye protection
- EN166
- Wear suitable protective clothing
- EN14325
- Wear butyl rubber gloves
- Wear nitrile gloves
- EN374
- Check with personal protection equipment manufacturer
- Engineering controls should be provided which maintain airborne concentrations below the relevant guidelines
- [In case of inadequate ventilation] wear respiratory protection.
- EN136
- EN140
- EN149

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

- Physical state: liquid
- Colour: blue
- Odour: Characteristic odour
- Melting point/Range: <0 °C at 760 mm Hg
- Boiling Point/Range: >100 °C at 760 mm Hg
- Flammability: Non-flammable
- pH: 12.1 - 13.4 at 100 % concentration
- Solubility in water: Miscible with water
- Density: 1.03 - 1.044 g/cm³ at 20 °C
- Flashpoint: Not applicable
- Vapour pressure - not known
- Kinematic viscosity: 20C = 4.8 - 14.4 mm²/s
- Oxidising Properties: Not oxidising
- Explosive Properties: Non-explosive

9.2 Other information

- Shelf life: 12 months

SECTION 10: Stability and reactivity

10.1 Reactivity

- No hazardous reactions known if used for its intended purpose
- Reacts with acids and alkalis

10.2 Chemical stability

- Considered stable under normal conditions

10.3 Possibility of hazardous reactions

- May generate heat

10.4 Conditions to avoid

- Keep away from heat
- Keep at temperature not exceeding 35 °C
- Avoid contact with acid
- Avoid contact with alkalis (strong bases)
- Avoid contact with oxidising substances
- Protect from frost

10.5 Incompatible materials

- Avoid contact with acids and alkalis
- Avoid contact with oxidising substances

10.6 Hazardous decomposition products

- No hazard expected under normal conditions of use

SECTION 11: Toxicological information

11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008

SECTION 11: Toxicological information (....)

Acute toxicity

LD_{50} (oral) : >2000 mg/kg
LD_{50} (dermal) : >4000 mg/kg
LC_{50} (inhalation) : >20 mg/l/4hr (gas/vapour)

Skin corrosion/irritation

Causes skin irritation.

Serious eye damage/irritation

Causes serious eye damage.

Respiratory or skin sensitisation

Based on the available data, the classification criteria are not met

Germ cell mutagenicity

Based on the available data, the classification criteria are not met

Carcinogenicity

Based on the available data, the classification criteria are not met

Reproductive toxicity

Based on the available data, the classification criteria are not met

STOT (specific target organ toxicity) - single exposure

Based on the available data, the classification criteria are not met

STOT (specific target organ toxicity) - repeated exposure

Based on the available data, the classification criteria are not met

Aspiration hazard

Based on the available data, the classification criteria are not met

11.2 Information on other hazards

- Repeated exposure may cause skin dryness or cracking
- May cause respiratory irritation.

SECTION 12: Ecological information

12.1 Toxicity

1-methoxy-2-propanol; monopropylene glycol methyl ether

IC_{50} (algae): >500 mg/l (72 hr)
EC_{50} (daphnia): >20,000 mg/l (48 hr)
LC_{50} (fish): >1000 mg/l (96 hr)

Amides, C8-18 (even numbered) and C18-unsatd., N,N-bis(hydroxyethyl)

IC_{50} (algae): 2.1 mg/l (72 hr)
EC_{50} (daphnia): 3.2 mg/l (48 hr)
LC_{50} (fish): 2.4 mg/l (96 hr)

SECTION 12: Ecological information (....)

PNEC (Fresh water): 0.007 mg/l
PNEC (Marine water): 0.0007 mg/l
PNEC (Sediment; fresh water): 0.23 mg/kg
PNEC (Sediment; marine water): 0.023 mg/kg
PNEC (Soil): 32 mg/kg
PNEC (STP): 830 mg/l

tetrasodium ethylene diamine tetraacetate

PNEC (Fresh water): 2.83 mg/l
PNEC (Marine water): 0.283 mg/l
PNEC (Soil): 1.1 mg/kg
PNEC (STP): 50 mg/l
IC_{50} (algae): >60 mg/l (72 hr)
EC_{50} (Daphnia magna): >114 mg/l/48h
LC_{50} (fish): >1`00 mg/l (96 hr)

Alcohols, C12-14, ethoxylated, sulfates, sodium salts

IC_{50} (algae): 27.7 mg/l (72 hr)
EC_{50} (daphnia): 7.4 mg/l (48 hr)
LC_{50} (fish): 7.1 mg/l (96 hr)

disodium metasilicate

IC_{50} (algae): 207 mg/l (72 hr)
EC_{50} (daphnia): 1700 mg/l (48 hr)
LC_{50} (fish): 210 mg/l (96 hr)

d-carvone; (5S)-2-methyl-5-(prop-1-en-2-yl)cyclohex-2-en-1-one

IC_{50} (algae): 250 mg/l (72 hr)
EC_{50} (daphnia): 1700 mg/l (48 hr)
LC_{50} (fish): 50 mg/l (96 hr)

12.2 Persistence and degradability

- Not readily biodegradable

12.3 Bioaccumulative potential

- Low bioaccumulation potential

12.4 Mobility in soil

- Miscible with water

12.5 Results of PBT and vPvB assessment

- This mixture does not contain any substances that are assessed to be a PBT or a vPvB.

12.6 Endocrine disrupting properties

- None

12.7 Other adverse effects

- Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment
- pH: 12 - 13 at 100 % concentration

SECTION 13: Disposal considerations

13.1 Waste treatment methods

- Disposal should be in accordance with local, state or national legislation
- To be disposed of as hazardous waste
- Dispose of contents/container to an authorised waste collection point
- Do not empty into drains
- Obtain the consent of pollution control authorities before discharging to waste water treatment plants

SECTION 14: Transport information

14.1 UN number or ID number

- UN No.: Not hazardous according to current ADR Regulations

14.2 UN proper shipping name

- Proper Shipping Name: Not applicable

14.3 Transport hazard class(es)

- Hazard Class: Not classified

14.4 Packing group

- Packing Group: Not classified

14.5 Environmental hazards

- Not hazardous according to current ADR Regulations

14.6 Special precautions for user

- In the event of an adjacent fire, cool containers with water spray
- Follow the manufacturer's recommended procedures for the decontamination of the area affected by the spillage

14.7 Maritime transport in bulk according to IMO instruments

- Not applicable

SECTION 15: Regulatory information

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

- Not hazardous according to current ADR Regulations
- Refer to current CLP Regulations

15.2 Chemical safety assessment

- A REACH chemical safety assessment has not been carried out

SECTION 16: Other information

Text not given with phrase codes where they are used elsewhere in this safety data sheet:- H226: Flammable liquid and vapour. H302: Harmful if swallowed. H314: Causes severe skin burns and eye damage. H315: Causes skin irritation. H317: May cause an allergic skin reaction. H318: Causes serious eye damage. H335: May cause respiratory irritation. H336: May cause drowsiness or dizziness. H400: Very toxic to aquatic life. H410: Very toxic to aquatic life with long lasting effects. H411: Toxic to aquatic life with long lasting effects. H412: Harmful to aquatic life with long lasting effects.

SECTION 16: Other information (....)

Date of Last Change

11/10/2024

Sections updated: 3.2

This Safety Data Sheet does not constitute a workplace risk assessment

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