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: Foaming Drivetrain Degreaser
- UFI: KT2U-NNU0-T10C-46RV
- Product Part Number: 3170

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

- Use of the substance/mixture: Cleaning agent

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

- +44 (0) 2070303187
- US Toll free: 1-8772717077

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

- CLP: Eye Dam. 1

2.2 Label elements

- Signal Word: Danger

Hazard statements

Causes serious eye damage.

Precautionary statements

Wear protective gloves/protective clothing/eye protection/face protection.
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
Immediately call a POISON CENTER or doctor/physician.

SECTION 2: Hazards identification (....)

Keep out of reach of children

2.3 Other hazards

- Contains: 3-methoxy-3-methylbutan-1-ol; Decanol Ethoxylate 7EO; Benzenesulfonic acid, C10-13-alkyl derivs., sodium salts
- Contains: 1,2-benzisothiazol-3(2H)-one
- 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%
- No hazard expected under normal conditions of use

SECTION 3: Composition/information on ingredients

3.2 Mixtures

	CAS Number	EC Number	Concentration	Specific Concentration Limits	M factor	Acute toxicity estimate
3-methoxy-3-methylbutan-1-ol	56539-66-3	260-252-4	1-10%	None assigned	Not applicable	LD_{50} (oral, rat): 4400 mg/kg LC_{50} (inhalation, rat): >5 mg/l/4h LD_{50} (skin, rat): >2000 mg/kg
2-methoxy-1-methylethyl acetate	108-65-6	203-603-9	1-10%	Not applicable	Not applicable	LD_{50} (oral, rat): 6190 mg/kg LD_{50} (skin, rabbit): >2000 mg/kg
Decanol Ethoxylate 7EO	160875-66-1		1-5%	None assigned	Not applicable	Not available
Benzenesulfonic acid, C10-13-alkyl derivs., sodium salts	68411-30-3	270-115-0	1-5%	None assigned	1	LD_{50} (oral, rat): 1080 mg/kg LD_{50} (skin, rat): >2000 mg/kg
2-phosphonobutane-1,2,4-tricarboxylic acid	37971-36-1	253-733-5	0.1-1%	Not applicable	Not applicable	LD_{50} (oral, rat): 8300 mg/kg LC_{50} (inhalation, rat): >1979 mg/l/4h LD_{50} (skin, rat): >1300 mg/kg
Pyridine-2-thiol 1-oxide, sodium salt	3811-73-2	223-296-5	0-0.1%	Not applicable	100;10	LD_{50} (oral, rat): 1208 mg/kg LC_{50} (inhalation, rat): 1.08 mg/l/4h LD_{50} (skin, rabbit): 1800 mg/kg
1,2-benzisothiazol-3(2H)-one	2634-33-5	220-120-9	0-0.1%	Skin Sens. 1 H317: C ≥ 0,05 %	10	LD_{50} (oral, rat): 490 mg/kg LD_{50} (skin, rat): >2000 mg/kg

	Categories	REACH Registration Number	Symbols	H Statements	M factor, acute	M factor, chronic
3-methoxy-3-methylbutan-1-ol	Eye Irrit. 2	01-2119976333-33-XXXX	GHS07	H319		
2-methoxy-1-methylethyl acetate	Flam. Liq. 3 STOT SE 3	01-2119475791-29-XXXX	GHS02, GHS07	H226, H336		
Decanol Ethoxylate 7EO	Acute Tox. 4 Eye damage, category 1		GHS05, GHS07	H302, H318		
Benzenesulfonic acid, C10-13-alkyl derivs., sodium salts	Acute Tox. 4 Skin Irrit. 2 Eye damage, category 1 Aquatic Chronic 3	01-2119489428-22-XXXX	GHS05, GHS07	H302, H315, H318, H412		
2-phosphonobutane-1,2,4-tricarboxylic acid	Met. Corr. 1 Eye Irrit. 2	01-2119436643-39-0000	GHS05, GHS07	H290, H319		
Pyridine-2-thiol 1-oxide, sodium salt	Acute Tox. 4 Acute Tox. 3 Skin Irrit. 2 Eye Irrit. 2 Skin Sens. 1 Aquatic Acute 1 Aquatic Chronic 1	01-2119493385-28-XXXX	GHS06, GHS09	H302, H311, H315, H317, H319, H400, H410	100	10
1,2-benzisothiazol-3(2H)-one	Acute Tox. 4 Skin Irrit. 2 Eye Dam. 1 Skin Sens. 1 Aquatic Acute 1	01-2120761540-60-XXXX	GHS05 GHS07 GHS09	H302 H315 H318 H317 H400	10	

SECTION 4: First aid measures

Use personal protective equipment as required.

4.1 Description of first aid measures

Inhalation

IF INHALED: Remove person to fresh air and keep comfortable for breathing.
If breathing is difficult, oxygen should be given by a trained person
Seek medical advice if necessary

Ingestion

Rinse mouth with water (only if the person is conscious)
Do not induce vomiting
Never give anything by mouth to an unconscious person
Keep warm and at rest, in a half upright position. Loosen clothing
Seek medical advice

Contact with skin

Wash affected area with plenty of soap and 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.
If eye irritation persists: Get medical advice/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 irritation
May cause nausea/vomiting
May cause gastro-intestinal disturbances

Contact with skin

May cause irritation
Repeated exposure may cause skin dryness or cracking

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

SECTION 5: Firefighting measures (....)

- 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

- Smoke from fires is irritating. Take precautions to protect personnel from exposure
- May give off noxious and toxic fumes in a fire
- Carbon oxides may be formed

5.3 Advice for firefighters

- Wear suitable protective clothing, eye/face protection and gloves
- Avoid breathing dust/fume/gas/mist/vapours/spray.
- In case of insufficient ventilation, wear suitable respiratory equipment
- Keep container(s) exposed to fire cool, by spraying with water
- Prevent run off water from entering drains if possible
- In case of inadequate ventilation wear respiratory protection.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

- Use personal protective equipment as required.
- Remove contaminated material to safe location for subsequent disposal
- Seek expert advice for removal and disposal of all contaminated materials and wastes
- Wash thoroughly after dealing with spillage

6.2 Environmental precautions

- Stop leak if safe to do so.
- Avoid release to the environment.
- Do not empty into drains
- Use appropriate containment to avoid environmental contamination
- If contamination of drainage systems or water courses is unavoidable, immediately inform appropriate authorities

6.3 Methods and material for containment and cleaning up

- Wear protective clothing as per section 8
- Absorb spillage in suitable inert material
- Dyke to prevent entry to sewer or waterway. Transfer liquid to a holding container
- Place in sealable container
- Dispose of this material and its container at hazardous or special waste collection point
- 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
- Wash affected area with plenty of water

6.4 Reference to other sections

- See Section 11 - Toxicological Information
- See Section 8

SECTION 7: Handling and storage

7.1 Precautions for safe handling

- When using do not eat, drink or smoke

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

- Ensure adequate ventilation
- Do not breathe spray/mists
- IF ON SKIN: Wash with plenty of soap and water.
- Use personal protective equipment as required.
- Keep away from food, drink and animal feedingstuffs
- Wash thoroughly after use

7.2 Conditions for safe storage, including any incompatibilities

- Ensure adequate ventilation
- Store above 5 °C
- Keep at temperature not exceeding 35 °C
- Opened containers should be carefully resealed and stored in an upright position
- Protect from frost
- Use appropriate containment to avoid environmental contamination

7.3 Specific end use(s)

- See Section 1.2

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

3-methoxy-3-methylbutan-1-ol

DNEL (Consumer; dermal, long term systemic effects): 3.1 mg/kg bw/day
DNEL (Consumer; inhalational, long term systemic effects): 40 mg/m³
DNEL (Consumer; oral, long term systemic effects): 2.5 mg/kg bw/day
DNEL (Industry; dermal, long term systemic effects): 6.25 mg/kg bw/day
DNEL (Industry; inhalational, long term systemic effects): 80 mg/m³

2-methoxy-1-methylethyl acetate

DNEL (Consumer; dermal, long term systemic effects): 320 mg/kg bw/day
DNEL (Consumer; inhalational, long term local effects): 33 mg/m³
DNEL (Consumer; inhalational, long term systemic effects): 33 mg/m³
DNEL (Consumer; oral, long term systemic effects): 36 mg/kg bw/day
DNEL (Consumer; oral, short term systemic effects): 500 mg/kg bw/day
DNEL (Industry; dermal, long term systemic effects): 796 mg/kg bw/day
DNEL (Industry; inhalational, long term systemic effects): 275 mg/m³
DNEL (Industry; inhalational, short term local effects): 550 mg/m³

Benzenesulfonic acid, C10-13-alkyl derivs., sodium salts

DNEL (Consumer; dermal, long term systemic effects): 42.5 mg/kg bw/day
DNEL (Consumer; inhalational, long term systemic effects): 1.3 mg/m³
DNEL (Consumer; oral, long term systemic effects): 0.425 mg/kg bw/day
DNEL (Industry; dermal, long term systemic effects): 119 mg/kg bw/day
DNEL (Industry; inhalational, long term systemic effects): 7.6 mg/m³

1,2-benzisothiazol-3(2H)-one; 1,2-benzisothiazolin-3-one

DNEL (Consumer; dermal, long term systemic effects): 0.345 mg/kg bw/day
DNEL (Consumer; inhalational, long term systemic effects): 1.2 mg/m³
DNEL (Industry; dermal, long term systemic effects): 0.966 mg/kg bw/day
DNEL (Industry; inhalational, long term systemic effects): 6.81 mg/m³

8.2 Exposure controls

SECTION 8: Exposure controls/personal protection (....)


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

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

- Physical state: liquid
- Colour: colourless
- Odour: Characteristic odour
- Melting point/Range: <0 °C at 760 mm Hg
- Boiling Point/Range: 100 °C at 760 mm Hg
- Flammability: Not flammable
- pH: 6-8 at 100 % concentration
- Solubility in water: Miscible with water
- Density: 0.99 - 1.01 g/cm³ at 20 °C
- Flashpoint: Not applicable
- Kinematic viscosity: 4.95 - 10.1 mm²/s
- Oxidising Properties: Not oxidising
- Explosive Properties: Non-explosive

9.2 Other information

- Shelf life: N/A 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

SECTION 10: Stability and reactivity (....)

10.4 Conditions to avoid

- Keep away from heat
- Keep at temperature not exceeding 35 °C

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

Acute toxicity

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

Skin corrosion/irritation

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

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

SECTION 12: Ecological information

12.1 Toxicity

3-methoxy-3-methylbutan-1-ol

IC_{50} (algae): >1000 mg/l (72 hr)
LC_{50} (fish): >100 mg/l (96 hr)

2-methoxy-1-methylethyl acetate

IC_{50} (algae): >1000 mg/l (72 hr)
EC_{50} (daphnia): >500 mg/l (48 hr)
LC_{50} (fish): 100-150 mg/l (96 hr)
PNEC (Fresh water): 0.635 mg/l
PNEC (Marine water): 0.064 mg/l
PNEC (Sediment; fresh water): 3.29 mg/kg
PNEC (Sediment; marine water): 0.329 mg/kg
PNEC (Soil): 0.29 mg/kg
PNEC (STP): 100 mg/l

Decanol Ethoxylate 7EO

IC_{50} (algae): >100 mg/l (72 hr)
EC_{50} (daphnia): >100 mg/l (48 hr)
LC_{50} (fish): >100 mg/l (96 hr)

Benzenesulfonic acid, C10-13-alkyl derivs., sodium salts

IC_{50} (algae): 235 mg/l (72 hr)
EC_{50} (daphnia): 2.9 mg/l (48 hr)
LC_{50} (fish): 1.67 mg/l (96 hr)
PNEC (Fresh water): 0.268 mg/l
PNEC (Marine water): 0.027 mg/l
PNEC (Sediment; fresh water): 8.1 mg/kg
PNEC (Sediment; marine water): 6.8 mg/kg
PNEC (Soil): 35 mg/kg
PNEC (STP): 3.43 mg/l

2-phosphonobutane-1,2,4-tricarboxylic acid

IC_{50} (algae): >1081 mg/l (72 hr)
LC_{50} (fish): >1942 mg/l (96 hr)
PNEC (Fresh water): 0.666 mg/l
PNEC (Marine water): 0.066 mg/l
PNEC (Sediment; fresh water): 2.398 mg/kg
PNEC (Sediment; marine water): 0.24 mg/kg
PNEC (Soil): 0.089 mg/kg
PNEC (STP): 5.4 mg/l

Pyridine-2-thiol 1-oxide, sodium salt

IC_{50} (algae): 0.22 mg/l (72 hr)
EC_{50} (daphnia): 0.6 mg/l (48 hr)

SECTION 12: Ecological information (....)

1,2-benzisothiazol-3(2H)-one; 1,2-benzisothiazolin-3-one

IC_{50} (algae): 0.04 mg/l (72 hr)
EC_{50} (daphnia): 2.9 mg/l (48 hr)
LC_{50} (fish): 2.19 mg/l (96 hr)
PNEC (Fresh water): 0.004 mg/l
PNEC (Marine water): 0.0004 mg/l
PNEC (Sediment; fresh water): 0.05 mg/kg
PNEC (Sediment; marine water): 0.005 mg/kg
PNEC (Soil): 3 mg/kg
PNEC (STP): 1.03 mg/l

12.2 Persistence and degradability

- 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

- None

SECTION 13: Disposal considerations

13.1 Waste treatment methods

- Disposal should be in accordance with local, state or national legislation
- Do not empty into drains, dispose of this material and its container at hazardous or special waste collection point
- 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 applicable

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

SECTION 14: Transport information (....)

- 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

- Refer to current CLP Regulations
- Not hazardous according to current ADR 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. H290: May be corrosive to metals. H302: Harmful if swallowed. H311: Toxic in contact with skin. H315: Causes skin irritation. H317: May cause an allergic skin reaction. H318: Causes serious eye damage. H319: Causes serious eye irritation. H336: May cause drowsiness or dizziness. H400: Very toxic to aquatic life. H410: Very toxic to aquatic life with long lasting effects. H412: Harmful to aquatic life with long lasting effects.

Date of Last Change

17/10/2024

Sections updated: 2.2, 3.2

This Safety Data Sheet does not constitute a workplace risk assessment

--- end of safety datasheet ---