

SAFETY DATA SHEET

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

1.1 Product identifier

- Product Name: MICROCLEAN 21 RP
- UFI:
- Product Part Number: HS0086

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: Pennine Lubricants Ltd
- Address of Supplier: 32 Atlas Way,
Sheffield
S4 7QQ
- Telephone: 0114 285 2987
- Responsible Person: Admin@penninelubricants.co.uk
- Email: Admin@penninelubricants.co.uk

1.4 Emergency telephone number

- Emergency Telephone: 0114 285 2987 (9am -5pm)

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

- CLP: Skin Corr. 1B
- STOT SE 3

2.2 Label elements



GHS05



GHS07

- Signal Word: Danger

2.2.1 Hazard statements

- H314 - Causes severe skin burns and eye damage.
- H318 - Causes serious eye damage.
- H335 - May cause respiratory irritation.

SECTION 2: Hazards identification (....)**2.2.2 Precautionary statements**

P260 - Do not breathe dust/fume/gas/mist/vapours/spray.
P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P280 - Wear protective gloves/protective clothing/eye protection/face protection.
P273 - Avoid release to the environment.
P501 - Dispose of contents/container to an authorised waste collection point
P337+P313 - If eye irritation persists: Get medical advice/attention.
P302+P352 - IF ON SKIN: Wash with plenty of soap and water.
P332+P313 - If skin irritation occurs: Get medical advice/attention.
P362+P364 - Take off contaminated clothing and wash it before reuse.

2.3 Other hazards

- Contains: 2-Aminoethanol

SECTION 3: Composition/information on ingredients**3.2 Mixtures****3.2.1 Alcohols, C9-11-iso, C10-reach, ethoxylated, propoxylated**

CAS Number: 154518-36-2
EC Number: 685-127-5
Concentration: 3-10%
Specific Concentration Limits:
M factor:
Acute toxicity estimate:
Categories: Skin Irrit. 2, Eye Irrit. 2

3.2.2 2-Aminoethanol

CAS Number: 141-43-5
EC Number: 205-483-3
Concentration: 3-10%
Specific Concentration Limits:
M factor:
Acute toxicity estimate:
Categories: Acute Tox. 4, Skin Corr. 1B, STOT SE 3

3.2.3 Potassium hydroxide

CAS Number: 1310-58-3
EC Number: 215-181-3
Concentration: 3-10%
Specific Concentration Limits:
M factor:
Acute toxicity estimate:
Categories: Acute Tox. 4, Skin Corr. 1A

3.2.4 tetrasodium ethylene diamine tetraacetate

CAS Number: 64-02-8

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

EC Number: 200-573-9
Concentration: 3-10%
Specific Concentration Limits:
M factor:
Acute toxicity estimate:
Categories: Acute Tox. 4, Eye Dam. 1
Symbols: GHS05;GHS07
H Statements: H302;H318

3.2.5 A mixture of: 2-ethylhexyl mon o - D - glucopyranoside and 2-ethylhexyl di-D-glucopyranoside

CAS Number:
EC Number: 414-420-0
Concentration: 2.5%
Specific Concentration Limits:
M factor:
Acute toxicity estimate:
Categories: Eye Dam. 1

SECTION 4: First aid measures**4.1 Description of first aid measures**

- Wash contaminated clothing before reuse.

4.1.1 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.

4.1.2 Contact with skin

After contact with skin, take off immediately all contaminated clothing, and wash immediately with plenty of soap and water

If skin irritation occurs: Get medical advice/attention.

4.1.3 Ingestion

IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.

When in doubt or symptoms persist, seek medical attention

4.1.4 Inhalation

IF INHALED: Remove person to fresh air and keep comfortable for breathing.

If you feel unwell, seek medical advice (show the label where possible)

4.2 Most important symptoms and effects, both acute and delayed

- Possible irritation of affected areas
- Risk of serious damage to eyes
- The ingestion of significant quantities may cause nausea/vomiting

4.3 Indication of any immediate medical attention and special treatment needed

SECTION 5: Firefighting measures

5.1 Extinguishing media

- In case of fire use foam, carbon dioxide or dry agent - never use water

5.2 Special hazards arising from the substance or mixture

- See Section 8

5.3 Advice for firefighters

- See Section 8
-

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

- Wear protective clothing as per section 8

6.2 Environmental precautions

- Avoid release to the environment.

6.3 Methods and material for containment and cleaning up

- Absorb spillage in inert material and shovel up

6.4 Reference to other sections

SECTION 7: Handling and storage

7.1 Precautions for safe handling

- Do not eat, drink or smoke when using this product.
- Wear protective gloves/protective clothing/eye protection/face protection.
- Wash with plenty of soap and water.
- Dispose of contents/container to an authorised waste collection point
- Wash contaminated clothing before reuse.

7.2 Conditions for safe storage, including any incompatibilities

- Keep only in the original container at a temperature not exceeding 35 °C
- For industrial use only
- Protect from frost
- Store locked up.

7.3 Specific end use(s)

- See Section 1.2
-

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

8.2 Exposure controls



Boots



Gloves



Goggles

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

- Wear suitable gloves and eye/face protection
-

SECTION 9: Physical and chemical properties**9.1 Information on basic physical and chemical properties**

- Physical state: Liquid
- Colour: Pale straw
- Odour: Very small
- Melting point/Range:
- Boiling Point/Range: >100C
- Flammability: Not flammable
- pH: 12
- Solubility in water: Completely soluble in water
- Density:
- Flashpoint: >93°C

9.2 Other information

SECTION 10: Stability and reactivity**10.1 Reactivity**

- This article is considered stable under normal conditions

10.2 Chemical stability

- Considered stable under normal conditions

10.3 Possibility of hazardous reactions

- No hazardous reactions known if used for its intended purpose

10.4 Conditions to avoid

- No special precautions are required for this product

10.5 Incompatible materials

- Incompatible with acids and alkalis

10.6 Hazardous decomposition products

- Decomposition products may include nitrogen and carbon oxides
-

SECTION 11: Toxicological information**11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008****11.1.1 Acute toxicity**

Estimated LD₅₀ (oral) (ATE) : 2890.173 mg/kg
Estimated LD₅₀ (dermal) (ATE) : 13750 mg/kg
Estimated LD₅₀ (inhalational) (ATE) : 137.5 mg/l/4hr (gas/vapour)

11.1.2 Skin corrosion/irritation

May cause severe irritation

SECTION 11: Toxicological information (....)**11.1.3 Serious eye damage/irritation**

Can cause damage to the eyes and skin

11.1.4 Respiratory or skin sensitisation

Not classified

11.1.5 Germ cell mutagenicity

Not classified

11.1.6 Carcinogenicity

Not classified

11.1.7 Reproductive toxicity

Not classified

11.1.8 STOT (specific target organ toxicity) - single exposure

Can cause damage to the respiratory system

11.1.9 STOT (specific target organ toxicity) - repeated exposure**11.1.10 Aspiration hazard****11.2 Information on other hazards**

SECTION 12: Ecological information**12.1 Toxicity****12.2 Persistence and degradability**

- No information available

12.3 Bioaccumulative potential

- No information available

12.4 Mobility in soil

- Emulsifies in water
- miscible with water

12.5 Results of PBT and vPvB assessment**12.6 Endocrine disrupting properties**

- Not classified

12.7 Other adverse effects

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 contents/container to an authorised waste collection point

SECTION 14: Transport information**Corrosive****14.1 UN number or ID number**

- UN No.: 3266

14.2 UN proper shipping name

- Proper Shipping Name: CORROSIVE LIQUID, BASIC, INORGANIC, N.O.S.

14.3 Transport hazard class(es)

- Hazard Class: 8

14.4 Packing group

- Packing Group: II

14.5 Environmental hazards**14.6 Special precautions for user**

- Contains: 2-Aminoethanol
Potassium hydroxide

14.7 Maritime transport in bulk according to IMO instruments

SECTION 15: Regulatory information**15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**

- Water Hazard Class (Official): 1

15.1.1 Alcohols, C9-11-iso, C10-reach, ethoxylated, propoxylated

Water Hazard Class (Official): Not hazardous

15.1.2 2-Aminoethanol

Water Hazard Class (Official): Not hazardous

15.1.3 Potassium hydroxide

Water Hazard Class (Official): Not hazardous

15.1.4 tetrasodium ethylene diamine tetraacetate

Water Hazard Class (Official): 2

15.1.5 A mixture of: 2-ethylhexyl mon o - D - glucopyranoside and 2-ethylhexyl di-D-glucopyranoside

Water Hazard Class (Official): Not hazardous

15.2 Chemical safety assessment

- A chemical safety assessment is not required under REACH

SECTION 16: Other information

Text not given with phrase codes where they are used elsewhere in this safety data sheet:-
H302: Harmful if swallowed. H318: Causes serious eye damage.

--- end of safety datasheet ---
