

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

1.1. Product identifier

Product name: PENGRIND GR

Product code: AHC

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

1.3. Details of the supplier of the safety data sheet

Company name: Pennine Lubricants Limited
Unit 35 Limestone Cottage Lane
Sheffield
South Yorkshire
S6 1NJ
United Kingdom

Tel: 0114 285 2987

Fax: 0114 285 2988

Email: info@penninelubes.plus.com

1.4. Emergency telephone number

Emergency tel: 0114 285 2987 (Office hours only)

Section 2: Hazards identification

2.1. Classification of the substance or mixture

Classification under CLP: Eye Irrit. 2: H319

Most important adverse effects: Causes serious eye irritation.

2.2. Label elements

Label elements:

Hazard statements: H319: Causes serious eye irritation.

Signal words: Warning

Hazard pictograms: GHS07: Exclamation mark



Precautionary statements: P264: Wash hands thoroughly after handling.

P280: Wear eye protection.

P305+351+338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P337+313: If eye irritation persists: Get medical attention.

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2.3. Other hazards

PBT: This product is not identified as a PBT/vPvB substance.

Section 3: Composition/information on ingredients

3.2. Mixtures

Hazardous ingredients:

BORIC ACID COMPOUND WITH 2,2 IMINODIETHANOL

EINECS	CAS	PBT / WEL	CLP Classification	Percent
267-886-0	67952-33-4	-	-	10-30%

Section 4: First aid measures

4.1. Description of first aid measures

Skin contact: Following contact with undiluted product Wash immediately with plenty of soap and water. Remove all contaminated clothes and footwear immediately unless stuck to skin. If irritation persists, obtain medical advice.

Eye contact: Bathe the eye with running water for 15 minutes. For contact with undiluted fluid, obtain prompt medical attention. For contact with diluted product, obtain medical attention if irritation persists.

Ingestion: Do not induce vomiting. Wash out mouth with water. Consult a doctor. If vomiting occurs spontaneously, keep head below hips to prevent aspiration. If aspiration is suspected, obtain immediate medical attention.

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

Skin contact: Prolonged contact with undiluted product may cause defatting of the skin, leading to cracking and soreness. Occasional skin contact with the diluted product is unlikely to cause any significant reaction.

Eye contact: There may be irritation and redness. Corneal burns may occur.

Ingestion: The product has a low order of acute oral toxicity; ingestion is not regarded as a significant hazard likely to arise in normal use.

Inhalation: The product is unlikely to present any significant hazard at ambient temperatures. High temperatures or atomising systems may lead to generation of vapours, mists or fumes which could cause irritation to eyes and respiratory tract.

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

Section 5: Fire-fighting measures

5.1. Extinguishing media

Extinguishing media: Carbon dioxide. Alcohol resistant foam. Dry chemical powder.

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5.2. Special hazards arising from the substance or mixture

Exposure hazards: In combustion emits toxic fumes.

5.3. Advice for fire-fighters

Section 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions: Refer to section 8 of SDS for personal protection details.

6.2. Environmental precautions

Environmental precautions: Do not discharge into drains or rivers. Contain the spillage using bunding. Spillages may be slippery.

6.3. Methods and material for containment and cleaning up

Clean-up procedures: Absorb into dry earth or sand. Bund large spills using absorbent granules, sand or earth and reclaim bulk liquid.

6.4. Reference to other sections

Section 7: Handling and storage

7.1. Precautions for safe handling

Handling requirements: Avoid direct contact with the substance.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions: Store in dry conditions between 0 and 40C

7.3. Specific end use(s)

Section 8: Exposure controls/personal protection

8.1. Control parameters

Workplace exposure limits: No data available.

DNEL/PNEC Values

DNEL / PNEC No data available.

8.2. Exposure controls

Respiratory protection: Respiratory protection not required.

Hand protection: Gloves (oil-resistant).

Eye protection: Safety goggles.

Skin protection: Protective clothing.

Section 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

State: Liquid

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Colour: Fluorescent

Odour: Barely perceptible odour

Evaporation rate: Negligible

Solubility in water: Soluble

Viscosity: Viscous

Kinematic viscosity: 50-80

Viscosity test method: Kinematic Viscosity at 40C (cSt)

Boiling point/range°C: >100

Flash point°C: >100

Relative density: 1.1

pH: 5% 9.3-9.7

9.2. Other information

Other information: No data available.

Section 10: Stability and reactivity

10.1. Reactivity

Reactivity: Stable under recommended transport or storage conditions.

10.2. Chemical stability

Chemical stability: Stable under normal conditions.

10.3. Possibility of hazardous reactions

10.4. Conditions to avoid

Conditions to avoid: Extremes of temperature, store between 0 and 40C

10.5. Incompatible materials

Materials to avoid: Strong oxidising agents.

10.6. Hazardous decomposition products

Haz. decomp. products: In combustion emits toxic fumes.

Section 11: Toxicological information

11.1. Information on toxicological effects

Relevant hazards for substance:

Hazard	Route	Basis
Serious eye damage/irritation	OPT	Hazardous: calculated

Symptoms / routes of exposure

Skin contact: Prolonged contact with undiluted product may cause defatting of the skin, leading to cracking and soreness. Occasional skin contact with the diluted product is unlikely to cause any significant reaction.

Eye contact: There may be irritation and redness. Corneal burns may occur.

Ingestion: The product has a low order of acute oral toxicity; ingestion is not regarded as a significant hazard likely to arise in normal use.

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Inhalation: The product is unlikely to present any significant hazard at ambient temperatures. High temperatures or atomising systems may lead to generation of vapours, mists or fumes which could cause irritation to eyes and respiratory tract.

Section 12: Ecological information

12.1. Toxicity

Ecotoxicity values: No data available.

12.2. Persistence and degradability

Persistence and degradability: Biodegradable.

12.3. Bioaccumulative potential

Bioaccumulative potential: No data available.

12.4. Mobility in soil

Mobility: Readily absorbed into soil.

12.5. Results of PBT and vPvB assessment

PBT identification: This product is not identified as a PBT/vPvB substance.

12.6. Other adverse effects

Other adverse effects: Negligible ecotoxicity.

Section 13: Disposal considerations

13.1. Waste treatment methods

Disposal operations: Transfer to a suitable container and arrange for collection by specialised disposal company.

Waste code number: 12 01 09

Disposal of packaging: Dispose of as normal industrial waste.

NB: The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

Section 14: Transport information

Transport class: This product does not require a classification for transport.

Section 15: Regulatory information

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

15.2. Chemical Safety Assessment

Section 16: Other information

Other information

Other information: This safety data sheet is prepared in accordance with Commission Regulation (EU) No 453/2010.

* indicates text in the SDS which has changed since the last revision.

[cont...]

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Phrases used in s.2 and s.3: H319: Causes serious eye irritation.

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.