

SAFETY DATA SHEET

SECTION 1: Identification of the substance/mixture and of the company/undertaking**1.1 Product identifier**

- Product Name: METASOL E-50
- UFI:
- Product Part Number: AXY

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

- Use of the substance/mixture: Metal working fluid

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 Irrit. 2, Eye Irrit. 2, Aquatic Chronic 3

2.2 Label elements**GHS07**

- Signal Word: Warning

2.2.1 Hazard statements

H319 - Causes serious eye irritation.
H412 - Harmful to aquatic life with long lasting effects.
H315 - Causes skin irritation.

2.2.2 Precautionary statements

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.

SECTION 2: Hazards identification (....)

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

SECTION 3: Composition/information on ingredients**3.2 Mixtures****3.2.1 IONIC MIXTURE ANNEX V - AMINE CARBOXYLATE**

CAS Number: 68440-26-6
EC Number:
Concentration: 1 - 10%
Specific Concentration Limits:
M factor:
Acute toxicity estimate:
Categories: Skin Irrit. 2, Eye Irrit. 2
Symbols: GHS07
H Statements: H315;H319

3.2.2 Alcohols, C11-14-iso-, C13-rich

CAS Number: 68526-86-3
EC Number: 271-235-6
Concentration: 1 - 10%
Specific Concentration Limits:
M factor:
Acute toxicity estimate:
Categories: Skin Irrit. 2, Aquatic Acute 1, Aquatic Chronic 2
Symbols: GHS09;GHS07
H Statements: H315;H411;H400
REACH Registration Number: 01-2119454259-32

3.2.3 RAPE OIL-REACTION PRODUCT WITH 2'2 IMINODIETHANOL

CAS Number: 68187-80-4
EC Number: 269-125-8
Concentration: 1 - 10%
Specific Concentration Limits:
M factor:
Acute toxicity estimate:
Categories: Skin Irrit. 2, Eye Irrit. 2
Symbols: GHS07
H Statements: H315;H319

3.2.4 IONIC EQUILIBRIUM (ANNEX V) PRIMARY AMINE CARBOXYLATE

CAS Number: 68132-47-8
EC Number:
Concentration: 1 - 10%

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

Specific Concentration Limits:

M factor:

Acute toxicity estimate:

Categories: Skin Irrit. 2, Eye Irrit. 2

Symbols: GHS07

H Statements: H315;H319

3.2.5 Sulfonic acids, petroleum, sodium salts

CAS Number: 68608-26-4

EC Number: 271-781-5

Concentration: 1 - 10%

Specific Concentration Limits:

M factor:

Acute toxicity estimate:

Categories: Eye Irrit. 2

Symbols: GHS07

H Statements: H319

REACH Registration Number: 01-2119527859-22

3.2.6 ALCOHOLS, C12-15, ETHOXYLATED

CAS Number: 106232-83-1

EC Number:

Concentration: 1 - 10%

Specific Concentration Limits:

M factor:

Acute toxicity estimate:

Categories: Eye Dam. 1, Aquatic Acute 1, Aquatic Chronic 3

Symbols: GHS05;GHS09

H Statements: H318;H412;H400

3.2.7 ALKYLETHER CARBOXYLIC ACID NEUTRALISED

CAS Number:

EC Number:

Concentration: 1 - 10%

Specific Concentration Limits:

M factor:

Acute toxicity estimate:

Categories: Skin Irrit. 2, Eye Irrit. 2

Symbols: GHS07

H Statements: H315;H319

REACH Registration Number: POLYMER

3.2.8 3-iodo-2-propynyl butylcarbamate; 3-iodoprop-2-yn-1-yl butylcarbamate

CAS Number: 55406-53-6

EC Number: 259-627-5

Concentration: >1%

Specific Concentration Limits:

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

M factor:	10;1
Acute toxicity estimate:	
Categories:	Acute Tox. 3, Acute Tox. 4, Eye Dam. 1, Skin Sens. 1, STOT RE 1, Aquatic Acute 1, Aquatic Chronic 1
Symbols:	GHS06;GHS08;GHS05;GHS09
H Statements:	H331;H302;H372;H318;H317;H400;H410
M factor, acute:	10
M factor, chronic:	1

SECTION 4: First aid measures**4.1 Description of first aid measures****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
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SECTION 6: Accidental release measures

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

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

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**

- 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: Brown
- Odour: Characteristic odour
- Melting point/Range:
- Boiling Point/Range:
- Flammability:
- pH: 9
- Solubility in water: Emulsifies in water

SECTION 9: Physical and chemical properties (....)

- 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

- No hazardous decomposition products known
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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) : >2000 mg/kg
Estimated LD₅₀ (dermal) (ATE) : >4000 mg/kg
Estimated LD₅₀ (inhalational) (ATE) : 3000 mg/l/4hr (gas/vapour)

11.1.2 Skin corrosion/irritation

Causes redness and irritation

11.1.3 Serious eye damage/irritation

Causes redness and irritation

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

SECTION 11: Toxicological information (....)

11.1.8 STOT (specific target organ toxicity) - single exposure

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

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
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SECTION 14: Transport information

14.1 UN number or ID number

- UN No.:

14.2 UN proper shipping name

- Proper Shipping Name:

14.3 Transport hazard class(es)

- Hazard Class:

14.4 Packing group

- Packing Group:

14.5 Environmental hazards

14.6 Special precautions for user

SECTION 14: Transport information (....)**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 (Company): Not hazardous

15.1.1 IONIC MIXTURE ANNEX V - AMINE CARBOXYLATE

Water Hazard Class (Official): Not hazardous

15.1.2 Alcohols, C11-14-iso-, C13-rich

Water Hazard Class (Official): Not hazardous

15.1.3 RAPE OIL-REACTION PRODUCT WITH 2'2 IMINODIETHANOL

Water Hazard Class (Official): Not hazardous

15.1.4 IONIC EQUILIBRIUM (ANNEX V) PRIMARY AMINE CARBOXYLATE

Water Hazard Class (Official): Not hazardous

15.1.5 Sulfonic acids, petroleum, sodium salts

Water Hazard Class (Official): Not hazardous

15.1.6 ALCOHOLS, C12-15, ETHOXYLATED

Water Hazard Class (Official): Not hazardous

15.1.7 ALKYLETHER CARBOXYLIC ACID NEUTRALISED

Water Hazard Class (Official): Not hazardous

15.1.8 3-iodo-2-propynyl butylcarbamate; 3-iodoprop-2-yn-1-yl butylcarbamate

Water Hazard Class (Company): Not classified

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. H315: Causes skin irritation. H317: May cause an allergic skin reaction. H318: Causes serious eye damage. H319: Causes serious eye irritation. H331: Toxic if inhaled. H372: Causes damage to organs through prolonged or repeated exposure. 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.

--- end of safety datasheet ---
