

SAFETY DATA SHEET
ATOM-MAC

Revision Number: 1
Compilation date: 30/10/2018

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/ MIXTURE OF THE COMPANY/ UNDERTAKING

1.1 Product Identifier

Trade name: atom-mac

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

Use of substance / mixture: Corrosion preventive compound/fluid (LIQUID)

1.3.Details of the supplier of the safety data sheet

Company name and address:

Bilt Hamber Laboratories Radford Way,
Billericay,
Essex,
CM12 0EG
United Kingdom

Tel: 01277 658899

Email: sales@bilthamber.com

1.4.Emergency telephone number

01277 658899 (office hours only)

SECTION 2: HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture

This mixture is not classified as dangerous according to Directive 1999/45/EC

GHS Classification

This mixture is not classified as dangerous according to Regulations (EC) No. 1272/2008

2.2. Label elements



Signal word: WARNING

H316/319: May cause irritation to eyes and skin.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.2. Mixture (chemical characterisation)

An ionic blend of corrosion inhibitors, antioxidants, metals deactivators.	
Registration number (REACH)	
EU Index number	
EC Number	253-891-5 Amine carboxylate salt
CAS	38344-72-8
Content%	20-35%

SECTION 4: FIRST AID MEASURES

4.1. Description of first aid measures

General information: Change contaminated clothing

After Inhalation: In case of inhalation of mist or spray, affected person should be moved into fresh air and kept still.

After contact with skin: Wash immediately with plenty of water and soap.

After contact with eyes: In case of contact with eyes flush immediately with plenty of flowing water for 10 to 15 minutes holding eyelids apart and consult an Ophthalmologist.

After ingestion: IF SWALLOWED: Rinse mouth. NO NOT induce vomiting. Call a physician immediately.

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

No information available.

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

No information available.

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SECTION 5: FIRE-FIGHTING MEASURES

5.1. Extinguishing media

Suitable extinguishing media: N/A
Unsuitable extinguishing media: N/A

5.2. Special hazards arising from the substance or mixture

Toxic fumes or irritating vapour/fumes may be released.

5.3. Advice for fire-fighters

N/A water based product non-flammable

Additional information

Containers externally cooled with water, let water out.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

Wear suitable protective clothing and gloves - oil resistant.
On vapour and aerosol formation use respirator filter type A2, A2P2

6.2. Environmental precautions

Do not allow to enter into surface water or drains.

6.3. Methods and material for containment and cleaning up

Absorb with liquid binding material (e.g. sand, diatomaceous earth or universal binding agents)

6.4. Reference to other sections

Reference to other sections: SECTION 13: Disposal considerations.

SECTION 7: HANDLING AND STORAGE

7.1. Precautions for safe handling

Advice on safe handling: Avoid release to the environment.
Avoid Skin contact, Eye contact.

Advice of protection against fire and explosion: N/A
Avoid aerosol or mist formation.

Further information on handling: Avoid: overheating of containers.

7.2. Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels: Keep container tightly closed. Keep container dry.
Avoiding non-ferrous metals, including galvanized steel drums.

Advice on storage compatibility
Avoiding non-ferrous metals, including galvanized steel.
Do not store with strong oxidizing agents.

Further information on storage conditions: Maximum storage temperature 40°C

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control parameters

Additional advice on limit values
To date, no national critical limit values exist.

8.2. Exposure controls

Protective hygiene measures
Remove contaminated, saturated clothing immediately. Protect skin by using skin protective cream.
When using do not eat or drink. Wash hands before breaks and after work.

Eye/Face Protection: Wear eye/Face protection.
Hand Protection: Wear protective gloves, liquid-tight, oil resistant.

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Skin Protection:
Respiratory protection:

Wear suitable protective clothing.
On vapour and aerosol formation use respirator filter type A2, A2/P2 (If in doubt seek advice from your supplier of PPE)



SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Appearance:	Light amber liquid
Odour:	Mild ammoniacal
pH:	Aqueous dispersion 7.0 units
Boiling point/range:	N/A
Melting point/range:	N/A
Flash point:	N/A
Flammability:	N/A
Auto-Flammability:	N/A
Explosive properties:	N/A
Oxidising properties:	N/A
Vapour pressure:	N/A
Relative density:	0.99 - 1.03
Solubility:	N/A

SECTION 10: STABILITY AND REACTIVITY

10.1. Reactivity

Reactivity: The product is stable under storage at normal ambient temperatures.

10.2. Chemical stability

Chemical stability: The product is stable under storage at normal ambient temperatures.
Avoid strong oxidising agents.

10.3. Possibility of hazardous reactions

No known hazardous reactions.

10.4. Conditions to avoid

Conditions to avoid: Strong oxidising agents.
Overheating.

10.5. Incompatible materials

Strong oxidising agents

Further information

No information available

SECTION 11: TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects

Irritation and corrosivity: Slightly irritant - Irritating to eyes, respiratory system and skin.

Sensitising effects: Not sensitising

STOT-single exposure: No target organ toxicity

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Severe effects after repeated or prolonged exposure: No information available.

Carcinogenic/mutagenic/toxic effects for reproduction: No information available.

Aspiration hazard: No information available.

Specific effects in experiment on an animal: No information available.

Additional information on tests: No information available

Practical experience

Observations relevant to classification: No information available.

Other Observations: No information available.

Further information: No information available.

SECTION 12: ECOLOGICAL INFORMATION

12.1. Toxicity

No information available.

12.2. Persistence and degradability

Slowly biodegradable (according to OECD criteria)

12.3. Bioaccumulative potential

No information available.

12.4. Mobility in soil

No information available.

12.5. Results of PBT and vPvB assessment

Not classified as PBT and VpVB

12.6. Other adverse effects

No information available.

SECTION 13: DISPOSAL CONSIDERATIONS

13.1. Waste treatment methods

Advice on disposal

Dispose of waste according to applicable legislation. Send to a licensed hazardous waste facility under observation of official regulations.

Waste Disposal number of waste from residual/unused products

070199 WASTES FROM ORGANIC CHEMICAL PROCESSES; wastes from the manufacture, formulation, supply and use (MFSU) of basic organic chemicals; wastes not otherwise specified.

Waste Disposal number of used products

070199 WASTES FROM ORGANIC CHEMICAL PROCESSES; wastes from the manufacture, formulation, supply and use (MFSU) of basic organic chemicals; Wastes not otherwise specified.

Waste Disposal number of contaminated packaging

150104 WASTE PACKAGING; ABSORBENTS, WIPING CLOTH, FILTER MATERIAL AND PROTECTIVE CLOTHING NOT OTHERWISE SPECIFIED; packaging (including separately collected municipal packaging waste); metallic packaging

Contaminated packaging

Remove

SECTION 14: TRANSPORT INFORMATION

Land Transport (ADR/RID): Other applicable information (land transport)
No dangerous goods in sense of this transport regulation.

Inland Waterways transport (ADN): Other applicable information (inland waterways transport)
No dangerous goods in sense of this transport regulation.

Marine Transport (IMDG): Other applicable information (marine transport)
No dangerous goods in sense of this transport regulation.

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Air transport (ICAO): Other applicable information (air transport)
No dangerous goods in sense of this transport regulation

14.5. Environment hazards

Dangerous for the environment: NO

14.6. Special Precautions for user

No. Not dangerous goods in the sense of this transport regulation

14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

No. Not dangerous goods in the sense of this transport regulation.

SECTION 15: REGULATORY INFORMATION

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

Nation regulatory information

Water contaminating class (D) 1 - Slightly water contaminating

Additional information

No ingredient is listed on the SVHC List

SECTION 16: OTHER INFORMATION

Full text of R phrases referred to under Sections 2 and 3

R36/38: Irritating to eyes and skin.

Further information

Ingredients listed in the following national inventories:

TSCA

EINECS/ELINCS

KECL

IECSC

ENCS (Class 1 and 2)

AICS

DSL/NDSL

PiCCS

The above information describes exclusively the safety requirements of the product and is based on our present day knowledge. The information is intended to give you advice about the safe handling of the product named in the safety data sheet, for storage processing, transport and disposal. The information cannot be transferred to other products. In case of mixing the product with other products or in the case of processing the information on this safety data sheet is not necessarily valid for the new made up material.