
SAFETY DATA SHEET

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

1.1 Product identifier

- Product Name: DEFENDER
- Product Part Number: 3901006xx

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

- Use of the substance/mixture: Automotive care, Surface treatment

1.3 Details of the supplier of the safety data sheet

- Name of Supplier: Iain Semple Chemicals Limited
- Address of Supplier: 7 McKenzie Street
Paisley
Renfrewshire
PA3 1LX
- Telephone: 0141 848 7557
- Responsible Person: Iain Semple
- Email: Info@iainsemplechemicals.co.uk

1.4 Emergency telephone number

- Emergency Telephone: 0141 848 7557
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SECTION 2 Hazards identification

2.1 Classification of the substance or mixture

- CLP: Asp. Tox. 1

2.2 Label elements



- Signal Word: Danger
- Hazard statements
 - H304 - May be fatal if swallowed and enters airways.
 - H402 - Harmful to aquatic life.
 - EUH066 - Repeated exposure may cause skin dryness or cracking.
- Precautionary statements
 - P301+P310 - IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
 - P331 - Do NOT induce vomiting.
 - P405 - Store locked up.

2.3 Other hazards

SECTION 3 Composition/information on ingredients

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

3.1 Mixtures

- Distillates (petroleum), hydrotreated light; Kerosine - unspecified
CAS Number: 64742-47-8
EC Number: 265-149-8
Concentration: 55-65%
Categories: Asp. Tox. 1
Symbols: GHS08;Xn
R/H Phrases: H304;R65
- Dicocodimethylammonium chloride
CAS Number: 61789-77-3
EC Number: 263-087-6
Concentration: <1%
Categories: Skin Corr. 1B, Eye Dam. 1, Aquatic Acute 1
Symbols:
H Statements:

SECTION 4 First aid measures

4.1 Description of first aid measures

- P301+P310 - IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
- P331 - Do NOT induce vomiting.

4.2 Most important symptoms and effects, both acute and delayed

- Mildly irritating to respiratory system
- In cases of severe exposure, dizziness, confusion, headache or stupor may develop

- Mildly irritating to skin and eyes
- Can cause damage to the eyes, skin and mucous membranes

4.3 Indication of any immediate medical attention and special treatment needed

- P301+P310 - IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
- P101 - If medical advice is needed, have product container or label at hand.
- If substance has got into eyes, immediately wash out with plenty of water
- Seek medical attention if irritation persists
- P331 - Do NOT induce vomiting.

SECTION 5 Fire-fighting measures

5.1 Extinguishing media

- P370+P378 - In case of fire: use foam, carbon dioxide or dry agent to extinguish.

5.2 Special hazards arising from the substance or mixture

- Vapours may travel considerable distances to a source of ignition and flashback
- May give off noxious and toxic fumes in a fire
- Smoke from fires is irritating. Take precautions to protect personnel from exposure

5.3 Advice for firefighters

SECTION 5 Fire-fighting measures (....)

- Keep container(s) exposed to fire cool, by spraying with water
 - Wear Breathing Apparatus
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SECTION 6 Accidental release measures

Spillage causes slippery surface

6.1 Personal precautions, protective equipment and emergency procedures

- Spillage causes slippery surface
- Shut off source of leak if safe to do so
- Ensure adequate ventilation

6.2 Environmental Precautions

- Do not allow to enter public sewers and watercourses
- If contamination of drainage systems or water courses is unavoidable, immediately inform appropriate authorities

6.3 Methods and material for containment and cleaning up

- Absorb spillage in inert material and shovel up
- Place in appropriate container
- Remove contaminated material to safe location for subsequent disposal
- To clean the floor and all objects contaminated by this material use soap and water

6.4 Reference to other sections

- See Section 3,8 &13 for further information
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SECTION 7 Handling and storage

7.1 Precautions for safe handling

- Ensure adequate ventilation
- Proper chemicals handling procedures should be adopted

7.2 Conditions for safe storage, including any incompatibilities

- Keep in a cool, dry, well ventilated place
- P404 - Store in a closed container.
- Keep away from frost

7.3 Specific end use(s)

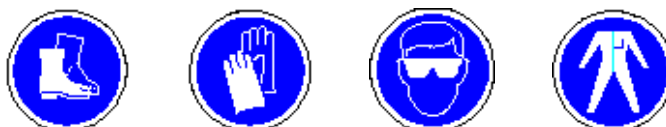
- No hazardous reactions known if used for its intended purpose
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SECTION 8 Exposure controls/personal protection

8.1 Control parameters

- No exposure limits have been set for this substance

8.2 Exposure controls



- Wear suitable protective clothing, including eye/face protection and gloves (PVC are recommended)
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SECTION 9 Physical and chemical properties

9.1 Information on basic physical and chemical properties

- Appearance: viscous, green, gel
- Odour: Characteristic odour
- Specific Gravity: 0.810
- Flashpoint:
- Solubility in water: Insoluble in water

9.2 Other information

- Volatile Organic Compound Content <70%
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SECTION 10 Stability and reactivity

10.1 Reactivity

- This article is considered stable under normal conditions

10.2 Chemical stability

- This article is 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

- Keep away from frost

10.5 Incompatible materials

- No hazardous reactions known if used for its intended purpose

10.6 Hazardous Decomposition Products

- No hazardous decomposition products known
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SECTION 11 Toxicological information

11.1 Information on toxicological effects

- Aspiration hazard
 - Inhalation of solvent vapours may give rise to nausea, headaches and dizziness
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SECTION 12 Ecological information

12.1 Toxicity

- On available data, substance is not harmful to aquatic life

12.2 Persistence and degradability

- Biodegradable

12.3 Bioaccumulation Potential

- No information available

12.4 Mobility in soil

- Insoluble in water
 - immiscible with water
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SECTION 12 Ecological information (....)

12.5 Results of PBT and vPvB assessment

- Not a PBT according to REACH Annex XIII

12.6 Other Adverse Effects

SECTION 13 Disposal considerations

13.1 Waste treatment methods

- Do not empty into drains
 - Do not pierce or burn container, even after use
 - Do not reuse empty containers without commercial cleaning or reconditioning
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SECTION 14 Transport information

Not classified as hazardous for transport

14.1 UN Number

- UN No.: Not applicable

14.2 Proper Shipping Name

- Proper Shipping Name: Not applicable

14.3 Transport hazard class(es)

- Hazard Class: Not applicable

14.4 Packing group

- Packing Group: Not applicable

14.5 Environmental hazards

- Not Classified

14.6 Special precautions for user

- Transport Regulations apply as indicated in previous section

14.7 Transport in bulk according to Annex II of MARPOL and the IBC code

- Not applicable
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SECTION 15 Regulatory information

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

- This Safety Data Sheet is provided in compliance with The Chemicals (Hazard Information and Packaging) Regulations
 - The CPL Regulations apply in the UK
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SECTION 16 Other information

Text not given with phrase codes where they are used elsewhere in this safety data sheet:- H304: May be fatal if swallowed and enters airways. R65: Harmful: may cause lung damage if swallowed.

The information supplied in this Safety Data Sheet is designed only as guidance for the safe use,

SECTION 16 Other information (....)

storage and handling of the product. This information is correct to the best of our knowledge and belief at the date of publication however no guarantee is made to its accuracy. This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any other process.