



BAILENGER SAFETY DATA SHEET

This Safety Datasheet complies with the requirements of Regulation (EC) No 1907/2006

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

1.1 Product Identifier: Bailenger

145650, 146650

1.2 Relevant identified uses of the substance or mixture and uses advised against: for laboratory use (in vitro diagnostic).

1.3 Details of the supplier of the Safety Data Sheet:

Apacor Limited, Unit 5 Sapphire Centre, Fishponds Road, Wokingham, Berkshire, RG41 2QL, England
+44 (0) 118 979 5566

technical@apacor.com

1.4 Emergency telephone number:

+44 (0)118 979 5566

(Monday-Friday 0900-1700 excluding UK Public Holidays)

SECTION 2 HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008 [CLP]:

Constituents are classified as non-dangerous according to Regulation (EC) No 1272/2008 [CLP].

2.2 Label elements

Labelling according to Regulation (EC) No 1272/2008 [CLP]

Hazard statement(s)

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Precautionary statements:

-

2.3 Other hazards

Not classified as PBT/vPvB by current EU criteria.

SECTION 3 COMPOSITION/INFORMATION ON INGREDIENTS

3.2 Mixtures

Hazardous ingredients according to Regulation (EC) No 1272/2008

Component: **Acetic Acid**

CAS No: 64-19-7

EC No: 200-580-7

Index No: -

Registration No: -

Classification: Skin Corr. 1A (H314), Flam. Liq 3 (H226)

Concentration: < 1%

See Section 16 for the full text of H-Statements mentioned in this Section.

SECTION 4 FIRST AID MEASURES

4.1 Description of first aid measures

Consult a physician. Show this safety data sheet to the doctor in attendance.

In case of skin contact: Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes.

In case of eye contact: Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.

If swallowed: Rinse mouth thoroughly with plenty of water

and consult a physician.

4.2 Most important symptoms and effects, both acute and delayed

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4.3 Indication of any immediate medical attention and special treatment needed

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SECTION 5 FIRE FIGHTING MEASURES

5.1 Extinguishing media

Suitable extinguishing media: Use dry powder, or carbon dioxide. Use extinguishing media appropriate for surrounding fire.

5.2 Special hazards arising from the substance or mixture

None.

5.3 Advice for firefighters

Wear self-contained breathing apparatus for firefighting if necessary.

SECTION 6 ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

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6.2 Environmental precautions

Avoid contamination of sewers, surface water, groundwater and soil.

6.3 Methods and material for containment and cleaning up

Absorb with earth, sand or other non-combustible material and place in containers for disposal according to local regulations (see Section 13). Keep in suitable, closed containers for disposal.

6.4 Reference to other sections

For disposal, see Section 13.

SECTION 7 HANDLING AND STORAGE

7.1 Precautions for safe handling

Wear protective gloves and appropriate protective clothing. Avoid contact with skin and eyes. Wash hands and other exposed areas before eating, drinking or smoking.

7.2 Conditions for safe storage, including any incompatibilities

Keep containers tightly closed; store in a cool, dry, well-ventilated place.

7.3 Specific end use(s)

No other specific uses are specified apart from those listed in Section 1.2.



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SECTION 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters

Acetic Acid 64-19-7	
Austria	STEL: 20 ppm STEL: 50 mg/m ³ TWA: 10 ppm TWA: 25 mg/m ³
Belgium	STEL: 15 ppm STEL: 38 mg/m ³ TWA: 10 ppm TWA: 25 mg/m ³
Denmark	STEL: 20 ppm STEL: 50 mg/m ³ TWA: 10 ppm TWA: 25 mg/m ³
France	STEL: 10 ppm STEL: 25 mg/m ³
Germany	STEL: 20 ppm STEL: 50 mg/m ³ TWA: 10 ppm TWA: 25 mg/m ³
Ireland	STEL: 15 ppm STEL: 37 mg/m ³ TWA: 10 ppm TWA: 25 mg/m ³
Italy	TWA: 10 ppm TWA: 25 mg/m ³
Poland	STEL: 30 mg/m ³ TWA: 15 mg/m ³
Portugal	STEL: 15 ppm TWA: 10 ppm TWA: 25 mg/m ³
Spain	STEL: 15 ppm STEL: 37 mg/m ³ TWA: 10 ppm TWA: 25 mg/m ³
Sweden	STEL: 10 ppm STEL: 25 mg/m ³ TWA: 5 ppm TWA: 13 mg/m ³
The Netherlands	
UK	

8.2 Exposure controls

8.2.1 Appropriate engineering controls

Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.

8.2.2 Personal protective equipment

(a) Eye/face protection: Tightly fitting safety goggles. Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

(b) Skin protection: Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands. The selected protective gloves should satisfy the specifications of EU Directive 89/686/EEC and the standard EN 374 derived from it.

(c) Body Protection: Complete suit protecting against chemicals. The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

(d) Respiratory protection: -

8.2.3 Environmental exposure controls

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SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

- a) **Appearance** Form: colourless liquid
- b) **Odour** characteristic of acetic acid
- c) **Odour threshold** no data available
- d) **pH** 5.0 ± 0.5 at 20°C
- e) **Melting point / freezing point** no data available
- f) **Initial boiling point and boiling range** no data available
- g) **Flash point** no data available
- h) **Evaporation rate** no data available
- i) **Flammability (solid, gas)** no data available
- j) **Upper/lower flammability or explosive limits** no data available
- k) **Vapour pressure** no data available
- l) **Vapour density** no data available
- m) **Relative density** no data available
- n) **Solubility (ies)** no data available
- o) **Partition coefficient: n-octanol/water** no data available
- p) **Auto-ignition temperature** no data available
- q) **Decomposition temperature** no data available
- r) **Viscosity** no data available
- s) **Explosive properties** no data available
- t) **Oxidising properties** no data available

9.2 Other information

No data available.

SECTION 10 STABILITY AND REACTIVITY

10.1 Reactivity

No data available.

10.2 Chemical stability

Stable under recommended storage conditions.

10.3 Possibility of hazardous reactions

No data available.

10.4 Conditions to avoid

Direct sunlight.

10.5 Incompatible materials

No data available.

10.6 Hazardous decomposition products

No data available.

SECTION 11 TOXICOLOGICAL INFORMATION

11.1 Information of toxicological effects

Acute toxicity: no data available

Skin corrosion/irritation: no data available

Serious eye damage/eye irritation: no data available

Respiratory or skin sensitisation: no data available

Germ cell mutagenicity: no data available



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Carcinogenicity: IARC: no component of this product present at levels greater than 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

Reproductive toxicity: no data available

Specific target organ toxicity - single exposure: no data available

Specific target organ toxicity - repeated exposure: no data available

Aspiration hazard: no data available

Additional Information

Chemical Name	
Acetic Acid	LD50 oral 3310 mg/kg (Rat) LD50 dermal 1060 mg/kg (Rabbit) LC50 inhalation 11.4 mg/L (Rat) 4 h

SECTION 12 ECOLOGICAL INFORMATION

12.1 Toxicity

Contains no substances known to be hazardous to the environment or not degradable in waste water treatment plants.

Toxicity to Fish	
Acetic Acid	75: 96 h Lepomis macrochirus mg/L LC50 static 79: 96 h Pimephales promelas mg/L LC50 static

Toxicity to Daphnia and other Aquatic Invertebrates	
Acetic Acid	47: 24 h Daphnia magna mg/L EC50 65: 48 h Daphnia magna mg/L EC50 Static

12.2 Persistence and degradability

No data available.

12.3 Bioaccumulative potential

No data available.

Chemical Name	log Pow
Acetic Acid	0

12.4 Mobility in soil

No data available.

12.5 Results of PBT and vPvB assessment

PBT/vPvB assessment not available as chemical safety assessment not required/not conducted.

12.6 Other adverse effects

No data available.

12.7 Additional information

Avoid discarding in the environment.

SECTION 13 DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

Product: This material may be burned in a chemical incinerator equipped with an afterburner and scrubber. Offer surplus and non-recyclable solutions to a licensed disposal company.

Contaminated packaging: Dispose of as unused product.

SECTION 14 TRANSPORT INFORMATION

14.1 UN number: -

14.2 UN proper shipping name Not dangerous goods

14.3 Transport hazard class(es): -

14.4 Packing group: -

14.5 Environmental hazards: No

14.6 Special precautions for user: no data available

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

Not intended to be transported in bulk.

SECTION 15 REGULATORY INFORMATION

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

No data available.

15.2 Chemical Safety Assessment

No chemical safety assessment has been carried out for this product.

SECTION 16 OTHER INFORMATION

Full text of H-Statements referred to in Sections 2 and 3

Flam. Liq. Flammable liquids

H226 Flammable liquid and vapour

H314 Causes severe skin burns and eye damage

Skin Corr. Skin corrosion

The information supplied in this SDS is correct to the best of our knowledge. We do not accept any liability for loss, injury or damage, which may result from its use.