

SAFETY DATA SHEET
S-Adenosyl-L-methionine (SAmE)
PRODUCT # 6475

1. IDENTIFICATION

1.1 Product identifiers

Product name: S-Adenosyl-L-methionine (SAmE)
CAS-No.: 29908-03-0

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

Identified uses: Dietary supplement ingredient

1.3 In Case of Emergency:

Chemtrec 1 (800) 424-9300 (24 hours)
NSW Poisons Information Centre: 131 126 (24 hours)

1.4 Distributor identification

Distributor: Bella Corp Trading Pty Ltd
Address: 6/34 Dominions Road, Ashmore QLD 4214, Australia
Telephone: 07 5597 4169
Email: bellacorp@bellacorp.com.au

2. HAZARDS IDENTIFICATION

2.1 Classification of the substance

Harmful (Xn)

2.2 GHS Label elements, including precautionary statements

Avoid inhalation, contact with eyes, skin, clothing, prolonged or repeated exposure.

2.3 Hazards not otherwise classified (HNOC) or not covered by GHS

To the best of our knowledge, the health hazards of this product have not been fully investigated.

3. COMPOSITION & INFORMATION ON INGREDIENTS

3.1 Mixtures

Active Ingredient

Chemical Name: S-adenosyl-L-methionine
Common Name: SAmE
Alternative Name: S-Adenosyl-L-methionine disulphate
Formula: C15H22N6O5S

Molecular Weight: 398.44
CAS-No.: 29908-03-0
EC Number: 249-946-8

Importers and Distributors of Compounding Products

Inactive Ingredients

Sulfuric Acid:	25%
p-Toluensulfonic anhydrous:	22%
Water:	1%

4. FIRST AID MEASURES

4.1 Description of first-aid measures

If inhaled

Immediately move to fresh air and consult a physician.

In case of skin contact

Wash affected area with soap and water. If irritation occurs, consult a physician immediately.

In case of eye contact

Check for and remove any contact lenses. Flush eyes with water for at least 15 minutes. Consult a physician.

If ingested

Low order of toxicity. But never give anything by mouth to an unconscious person. If swallowed, wash out mouth with water provided person is conscious. Loosen tight clothing such as collar, tie, belt or waistband.

4.2 Most important symptoms and effects, both acute and delayed

The most important known symptoms and effects are described in the labelling (see section 2.2) and/or section 11.

4.3 Indication of any immediate medical attention and special treatment needed

No data available

5. FIREFIGHTING MEASURES

5.1 Extinguishing media Suitable extinguishing media

Water spray, carbon dioxide, foam, dry chemical powder or halogens.

5.2 Special hazards arising from the substance

Emits toxic fumes under fire conditions.

5.3 Advice for firefighters

Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.

5.4 Further information

No further information.

6. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

Wear appropriate respirator, impervious boots and heavy rubber gloves.

For personal protection see section 8.

6.2 Environmental precautions

Do not let product enter drains.

6.3 Methods and materials for containment and cleaning up

Scoop up solid material or absorb liquid material and place into appropriate container. Ventilate area and wash affected spill area after pickup is complete.

6.4 Reference to other sections

For disposal see section 13.

7. HANDLING & STORAGE

7.1 Precautions for safe handling

For precautions see section 2.2.

7.2 Conditions for safe storage, including any incompatibilities

Store at 10°C.

Store in a cool, dry and well-ventilated place.

Keep storage container tightly closed.

7.3 Specific end use(s)

None other than that described in Section 1.2

8. EXPOSURE CONTROLS & PERSONAL PROTECTION

8.1 Control parameters

Components with workplace control parameters

No occupational limit values set.

8.2 Exposure controls

Appropriate engineering controls

Mechanical exhaust required. Safety shower and eye bath.

Personal protective equipment

Eye/face protection

Wear protective safety glasses or face mask.

Skin protection

Wear chemical-resistant gloves.

Body protection

Wear protective clothing and chemical-resistant boots.

Respiratory protection

Wear NIOSH-approved respirator.

Control of environmental exposure

Ensure adequate ventilation during use.

9. PHYSICAL & CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

a)	Appearance	Form: Solid Colour: Off-white
b)	Odour	Odourless
c)	Odour Threshold	No data available
d)	pH	0.9-1.2
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)	Vapor pressure	No data available
l)	Vapor density	No data available
m)	Relative density	No data available

n)	Water solubility	Soluble
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)	Oxidizing properties	No data available

9.2 Other safety information

No data available

10. STABILITY & REACTIVITY

10.1 Reactivity

No data available

10.2 Chemical stability

Stable for 2 years under controlled humidity conditions, far from heat and sunlight. Store below 50°C.

10.3 Possibility of hazardous reactions

No data available

10.4 Conditions to avoid

To ensure product viability, store in a cool and dry place.

10.5 Incompatible materials

Strong oxidizing agents, strong acids and bases

10.6 Hazardous decomposition products

Toxic fumes of carbon monoxide, carbon dioxide, nitrogen oxides and sulfur oxides.

11. TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

Acute toxicity

LD50 Oral:	No data available
Inhalation:	No data available
Dermal:	No data available

Skin corrosion/irritation

Irritant

Serious eye damage/eye irritation

No data available

Respiratory or skin sensitization

Material is irritating to mucous membranes and upper respiratory tract.

Germ cell mutagenicity

No data available

Carcinogenicity

IARC:	None
ACGIH:	None
NTP:	None
OSHA:	None

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

To the best of our knowledge, the toxicological properties of this product have not been fully investigated or determined.

12. ECOLOGICAL INFORMATION**12.1 Toxicity**

No data available

12.2 Persistence and degradability

No data available

12.3 Bio-accumulative potential

No data available

12.4 Mobility in soil

No data available

12.5 Results of PBT and vPvB assessment

No data available

12.6 Other adverse effects

No data available

13. DISPOSAL CONSIDERATIONS**13.1 Waste treatment methods****Product**

Dissolve or mix the materials with a combustible solvent and burn in chemical incinerator equipped with an afterburner and scrubber. Observe all federal, state and local environmental regulations.

Contaminated packaging

Contact a licensed professional waste disposal service to dispose of contaminated packaging.

14. TRANSPORT INFORMATION**DOT (US)**

Non-hazardous

IMDG

Non-hazardous

IATA

Non-hazardous

15. REGULATORY INFORMATION

Federal and State Regulations

Adhere to all Federal, State and Local regulations.

Other Regulations

No data available

16. OTHER INFORMATION

HMIS Rating

Health hazard:	1
Chronic health hazard:	
Flammability:	1
Physical hazard:	0

NFPA Rating

Health hazard:	1
Fire hazard:	0
Reactivity hazard:	1

Further Information

The information contained in this Safety Data Sheet, as of the date of issue, is believed to be true and correct. However, the accuracy or completeness of this information and any recommendations or suggestions are made without warranty or guarantee. Since the conditions of use are beyond the control of our company, it is the responsibility of the user to determine the conditions of safe use of this product. The information in this sheet does not represent analytical specifications. The format of this Safety Data Sheet complies both with the EEC Directive 91/155/EEC and ISO standard 11014-1 and is recommended by the Association of Microbial Food Enzyme Producers "AMFEP".

Review date: 14 Aug 2015