

Calcium Acetate	Pricing >
Calcium Acetate Solution	Pricing >
Signal Word	N/A
Hazard Statements	N/A
Hazard Codes	N/A
Risk Codes	36/37/38
Safety Statements	26-36
RTECS Number	N/A
Transport Information	Non-hazardous
WGK Germany	3

[Create Printable PDF](#)

SAFETY DATA SHEET

Date Accessed: 05/02/2024

Date Revised: 01/15/2022

SECTION 1. IDENTIFICATION

Product Identifiers: All applicable American Elements product codes for CAS #62-54-4

Relevant identified uses of the substance:
Scientific research and development

Supplier details:
American Elements
10884 Weyburn Ave.
Los Angeles, CA 90024
Tel: +1 310-208-0551
Fax: +1 310-208-0351

Emergency telephone number:
Domestic, North America +1 800-424-9300
International +1 703-527-3887

SECTION 2. HAZARDS IDENTIFICATION

Classification of the substance or mixture
GHS Label elements, including precautionary

statements
Pictogram none
Signal word Warning
Hazard statement(s)
May form combustible dust concentrations in air.
Precautionary
statement(s)
none
Hazards not otherwise classified (HNOC) or not
covered by GHS
Combustible dust

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Molecular weight : 158.17 g/mol
CAS-No. : 62-54-4
EC-No. : 200-540-9
No components need to be disclosed according to the
applicable regulations.

SECTION 4. FIRST AID MEASURES

Description of first-aid measures
General advice
Consult a physician. Show this material safety data
sheet to the doctor in attendance.
If inhaled
If breathed in, move person into fresh air. If not
breathing, give artificial respiration.
Consult a physician.
In case of skin contact
Wash off with soap and plenty of water. Consult a
physician.
In case of eye contact
Flush eyes with water as a precaution.
If swallowed
Never give anything by mouth to an unconscious
person. Rinse mouth with water. Consult
a physician.
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 in
section 11
Indication of any immediate medical attention and
special treatment needed
No data available

SECTION 5. FIREFIGHTING MEASURES

Extinguishing media

Suitable extinguishing media

Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

Special hazards arising from the substance or mixture

Carbon oxides

Calcium oxide

Advice for firefighters

Wear self-contained breathing apparatus for firefighting if necessary.

Further information

No data available

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Use personal protective equipment. Avoid dust formation. Avoid breathing vapors, mist or gas. Avoid breathing dust.

For personal protection see section 8.

Environmental precautions

Do not let product enter drains.

Methods and materials for containment and cleaning up

Pick up and arrange disposal without creating dust.

Sweep up and shovel. Keep in suitable, closed containers for disposal.

Reference to other sections

For disposal see section 13.

SECTION 7. HANDLING AND STORAGE

Precautions for safe handling

Advice on safe handling

Avoid formation of dust and aerosols. Advice on safe handling

Further processing of solid materials may result in the formation of combustible dusts. The potential for combustible dust formation should be taken into consideration before additional processing occurs.

Advice on protection against fire and explosion

Provide appropriate exhaust ventilation at places where dust is formed.

Hygiene measures

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

For precautions see section 2.2.
Conditions for safe storage, including any incompatibilities
Storage conditions
Keep container tightly closed in a dry and well-ventilated place.
Store at Room Temperature.
Storage class (TRGS 510): 13: Non Combustible Solids
Specific end use(s)
Apart from the uses mentioned in section 1.2 no other specific uses are stipulated

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters
Ingredients with workplace control parameters
Contains no substances with occupational exposure limit values.
Exposure controls
Appropriate engineering controls
Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday
Personal protective equipment
Eye/face protection
Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).
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.
Body Protection
Choose body protection in relation to its type, to the concentration and amount of dangerous substances, and to the specific workplace., The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.
Respiratory protection
Respiratory protection is not required. Where protection from nuisance levels of dusts are desired, use type N95 (US) or type P1 (EN 143) dust masks. Use

respirators and components tested and approved
under appropriate government
standards such as NIOSH (US) or CEN (EU).
Control of environmental exposure
Do not let product enter drains.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

a) Appearance Form: crystalline

Color: white

b) Odor No data available

c) Odor Threshold No data available

d) pH No data available

e) Melting

point/freezing point

Melting point: 160 °C (320 °F) - Decomposition

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)

May form combustible dust concentrations in air.

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 1.516 - 1.524 at 20 °C (68 °F) -

Regulation (EC) No. 440/2008,

Annex, A.3

n) Water solubility soluble

o) Partition coefficient:

n-octanol/water

No data available

p) Autoignition

temperature

340 °C (644 °F) - Relative self-ignition temperature for

solids

q) Decomposition

temperature

160 °C (320 °F) -

r) Viscosity No data available

s) Explosive properties No data available

t) Oxidizing properties No data available

Other safety information

Solubility in other

solvents

Alcohol - slightly soluble

SECTION 10. STABILITY AND REACTIVITY

Reactivity

No data available

Chemical stability

Stable under recommended storage conditions.

Possibility of hazardous reactions

No data available

Conditions to avoid

No data available

Incompatible materials

Strong oxidizing agents

Hazardous decomposition products

In the event of fire: see section 5

SECTION 11:

SECTION 11. TOXICOLOGICAL INFORMATION

Information on toxicological effects

Acute toxicity

Acute toxicity estimate Oral - 2,700 mg/kg

(Calculation method)

LD50 Oral - Rat - male and female - 2,700 mg/kg

(OECD Test Guideline 401)

Inhalation: No data available

LC50 Inhalation - Rat - male and female - 4 h - > 5.6 mg/l

(OECD Test Guideline 403)

Dermal: No data available

LD50 Dermal - Rabbit - female - > 20,000 mg/kg

(OECD Test Guideline 402)

No data available

No data available

Skin corrosion/irritation

No data available

Skin - Rabbit

Result: No skin irritation - 4 h

(OECD Test Guideline 404)

Serious eye damage/eye irritation

No data available

Eyes - Rabbit

Result: No eye irritation

(OECD Test Guideline 405)

Respiratory or skin sensitization

No data available

No data available

Germ cell mutagenicity

No data available

Mouse - male - Intratesticular

Result: negative

Remarks:

(ECHA)

Carcinogenicity

IARC: No ingredient of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

NTP: No ingredient of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

OSHA: No component of this product present at levels greater than or equal to 0.1% is on OSHA's list of regulated carcinogens.

Reproductive toxicity

No data available

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

Not available

To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

SECTION 12. ECOLOGICAL INFORMATION

Toxicity

No data available

No data available

Toxicity to algae ErC50 - *Skeletonema costatum* (marine diatom) - > 1,000 mg/l - 72

h

(ISO 10253)

Toxicity to bacteria

Persistence and degradability

No data available

Bioaccumulative potential

No data available

Mobility in soil

No data available

Results of PBT and vPvB assessment

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

Other adverse effects

No data available
No data available

SECTION 13. DISPOSAL CONSIDERATIONS

Waste treatment methods
Product
Offer surplus and non-recyclable solutions to a
licensed disposal company.
Contaminated packaging
Dispose of as unused product.

SECTION 14. TRANSPORT INFORMATION

DOT (US)
Not dangerous goods
IMDG
Not dangerous goods
IATA
Not dangerous goods
Further information
Not classified as dangerous in the meaning of
transport regulations.

SECTION 15. REGULATORY INFORMATION

SARA 302 Components
No chemicals in this material are subject to the
reporting requirements of SARA Title III,
Section 302.
SARA 313 Components
This material does not contain any chemical
components with known CAS numbers that
exceed the threshold (De Minimis) reporting levels
established by SARA Title III, Section
313.
SARA 311/312 Hazards
No SARA Hazards
Massachusetts Right To Know Components
No components are subject to the Massachusetts
Right to Know Act.
No components are subject to the Massachusetts
Right to Know Act.
Pennsylvania Right To Know Components
calcium diacetate CAS-No.
62-54-4
Revision Date
calcium diacetate CAS-No.

62-54-4
Revision Date
New Jersey Right To Know Components
calcium diacetate CAS-No.
62-54-4
Revision Date

16. OTHER INFORMATION

Safety Data Sheet according to Regulation (EC) No. 1907/2006 (REACH). The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product. American Elements shall not be held liable for any damage resulting from handling or from contact with the above product. See reverse side of invoice or packing slip for additional terms and conditions of sale. COPYRIGHT 1997-2022 AMERICAN ELEMENTS. LICENSED GRANTED TO MAKE UNLIMITED PAPER COPIES FOR INTERNAL USE ONLY.
