

SAFETY DATA SHEET

[Required under safety and health regulations for shipping and handling]

Version: 2022
Date Updated: December 31, 2022

SECTION 1. ----- PRODUCT AND COMPANY IDENTIFICATION -----

Product Name Potassium Tellurite Solution
Product Code(s) SG7224
Recommended Use For Laboratory Research Use Only
 Not for Human or Animal Drug Use

Supplier Bio Basic Asia Pacific Pte Ltd.
Address 2 International Business Park Road
 Strategy #01-04, Singapore 609930

Telephone (+65) 6954 2519
 (+65) 6491 5938

Email sg@biobasic-asia.com

SECTION 2. ----- HAZARDS IDENTIFICATION -----

Classification of the substance or mixture
 Not a hazardous substance or mixture.

GHS Label elements, including precautionary statements
 Not a hazardous substance or mixture.

Hazards not otherwise classified (HNOC) or not covered by GHS – none

SECTION 3. ----- COMPOSITION/INFORMATION ON INGREDIENTS -----

Mixtures

Mixture

Components

Chemical Name	CAS-No.	Classification
Potassium Tellurite	123333-66-4	Acute Tox. 3: H301; Skin Irrit 2: H315; Eye Irrit. 2: H319; STOT SE 3: H335

Full text of Hazard Statements listed in this Section is provided in Section 16.

SECTION 4. ----- FIRST-AID MEASURES -----

Description of first-aid measures

General advice

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

If inhaled

If breathed in, move the person into fresh air. If not breathing, give artificial respiration. Consult a physician.

In case of skin contact

Immediately remove all contaminated clothing. Wash off with soap and plenty of water for several minutes. Consult a physician.

In case of eye contact

Rinse out with plenty of water for at least 15 minutes. Remove contact lenses if able to do so during rinsing. Consult a physician.

SAFETY DATA SHEET

[Required under safety and health regulations for shipping and handling]

If swallowed

Never give anything by mouth to an unconscious person. Rinse mouth with water. Do not induce vomiting. Consult a physician.

Most important symptoms and effects, both acute and delayed

Irritation, Nausea, Vomiting.

Indication of any immediate medical attention and special treatment needed

Remove the affected person from the source of contamination immediately. Transfer to hospital if there are burns or symptoms of poisoning. Seek medical attention if irritation or symptoms persist. If medical advice is needed, have product container or label at hand.

SECTION 5. ----- FIRE FIGHTING MEASURES -----

Suitable extinguishing media

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

Special hazards arising from the substance or mixture

Product does not support combustion. Do not allow undiluted products to be released to ground water, water course or sewage system.

Advice for firefighters

Wear self-contained breathing apparatus for firefighting in the event of fire. Do not breathe vapor or spray mist.

Further information

Suppress (knock down) gases/vapors/mists with a water spray jet. Prevent fire extinguishing water from contaminating surface water or the ground water system.

SECTION 6. ----- ACCIDENTAL RELEASE MEASURES -----

Personal precautions, protective equipment and emergency procedures

Use personal protective equipment. Avoid breathing vapors, mist or gas. Ensure adequate ventilation. Evacuate the danger area, observe emergency procedures, consult an expert. For personal protection see section 8.

Environmental precautions

Prevent further spillage if safe. Clean spillage area thoroughly with plenty of water. Do not let the product enter drains. Do not let the product contaminate subsoil.

Methods and materials for containment and cleaning up

Cover drains. Soak up with inert absorbent material. Take up dry. Dispose of properly. Clean up affected area. Avoid generation of dust. Keep in suitable, closed containers for disposal.

Reference to other sections

See sections 12 and 13 for more information.

SECTION 7. ----- HANDLING AND STORAGE -----

Precautions for safe handling

Avoid contact with skin and eyes. Avoid formation of aerosols. Immediately change contaminated clothing. Wash hands and face after working with substance. Apply preventive skin protection. For precautions see section 2.

Conditions for safe storage, including any incompatibilities

Keep container tightly closed at 2-8°C. Follow label instructions. Do not contaminate water, food, or feed by storage or disposal.

Specific end use(s)

Apart from the uses mentioned in section 1 no other specific uses are stipulated

SAFETY DATA SHEET

[Required under safety and health regulations for shipping and handling]

SECTION 8. ----- EXPOSURE CONTROLS/PERSONAL PROTECTION-----

Control parameters

Ingredients with workplace control parameters

No occupational exposure limits are known.

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. Ensure adequate ventilation, especially in confined areas.

Personal protective equipment

Eye/face protection

Safety glasses with side-shields conforming to EN166. 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. contaminated gloves after use in accordance with applicable laws and good laboratory practices.
Wash and dry hands.

Body protection

Impervious clothing, the type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

Respiratory protection

Required when dusts are generated.

Our recommendations on filtering respiratory protection are based on the following standards: DIN EN 143, DIN 14387 and other accompanying standards relating to the used respiratory protection system.

Control of environmental exposure

Do not let product enter drains.

SECTION 9. ----- PHYSICAL AND CHEMICAL PROPERTIES-----

Information on basic physical and chemical properties

Appearance	Form: liquid
Odour	No data available
Odour Threshold	No data available
pH	No data available
Melting point/freezing point	No data available
Initial boiling point and boiling range	No data available
Flash point	No data available
Evaporation rate	No data available
Flammability (solid, gas)	No data available
Upper/lower flammability or explosive limits	No data available
Vapour pressure	No data available
Vapour density	No data available

SAFETY DATA SHEET

[Required under safety and health regulations for shipping and handling]

Water solubility	No data available
Partition coefficient: n-octanol/water	No data available
Auto-ignition temperature	No data available
Decomposition temperature	No data available
Viscosity	No data available
Explosive properties	No data available
Oxidizing properties	No data available

Other safety information

No data available

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

Keep away from extreme temperatures.

Incompatible materials

No data available

Hazardous decomposition products

Hazardous decomposition products formed under fire conditions. – Carbon Oxides.
In the event of fire: see section 5

SAFETY DATA SHEET

[Required under safety and health regulations for shipping and handling]

SECTION 11. ----- TOXICOLOGICAL INFORMATION -----

Mixture

Acute toxicity

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

Skin corrosion/irritation

Mixture may cause irritation.

Serious eye damage/eye irritation

Mixture may cause irritation.

Respiratory or skin sensitization

May cause allergic reactions in susceptible people.

Germ cell mutagenicity

No mutagenic effects reported.

Carcinogenicity

No data available

Reproductive toxicity

No teratogenic effects reported.

Specific target organ toxicity - single exposure

May cause allergy or asthma symptoms or breathing difficulties if inhaled.

Specific target organ toxicity - repeated exposure

No Significant Hazard

Aspiration hazard

No Significant Hazard

Additional Information

To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated. Hazardous properties cannot be excluded but are unlikely when the product is handled appropriately.

SECTION 12. ----- ECOLOGICAL INFORMATION -----

Mixture

Toxicity

No data available

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

SAFETY DATA SHEET

[Required under safety and health regulations for shipping and handling]

SECTION 13. ----- DISPOSAL CONSIDERATIONS -----

Waste treatment methods

Product

Waste material must be disposed of in accordance with the national and local regulations. Leave chemicals in original containers. No mixing with other waste. Handle uncleaned containers like the product itself.

Contaminated packaging

Dispose of as unused product in accordance with the national and local regulations.

SECTION 14. ----- TRANSPORT INFORMATION -----

DOT (US)

Not dangerous goods

IMDG

Not dangerous goods

IATA

Not dangerous goods

SECTION 15. ----- REGULATORY INFORMATION -----

This product has been classified in accordance with the hazard criteria of the Hazardous Products Regulations (HPR) and the SDS contains all the information required by the HPR.

SECTION 16. ----- OTHER INFORMATION -----

Text of Hazard Statements in Section 3

Acute Tox. 3: H301	Toxic if swallowed.
Skin Irrit. 2: H315	Causes skin irritation.
Eye Irrit. 2: H319	Causes serious eye irritation.
STOT SE 3: H335	May cause respiratory irritation.

Further information: no limited for paper copy, just for internal uses.
For research use only. Not intended for human or animal diagnostic or therapeutic uses.

Disclaimer

The information provided on this SDS is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any process, unless specified in the text.

Issuing Date: 31-Dec-2022

End of SDS