

1. Product and Company Identification

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Product Name Tellurium Powder
Part Number RXSOL-98-9817-025

Company Details:

RX MARINE INTERNATIONAL
105, A wing , BSEL , TECH PARK.
VASHI ,NEW BOMBAY 400703 INDIA

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2. Composition / Information on ingredients

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Chemical Name	CAS No	EC number	Weight	Formula
Tellurium Powder	13494-80-9	236-813-4	127.60 g/mol	Te

3. Hazards Identification

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Classification according to Regulation (EC) No 1272/2008	Acute toxicity, Inhalation (Category 4), H332 Skin sensitisation (Sub-category 1B), H317 Reproductive toxicity (Category 1B), H360 Chronic aquatic toxicity (Category 3), H412
Signal Word	Danger.
Hazard Statements	H317 May cause an allergic skin reaction. H332 Harmful if inhaled. H360 May damage fertility or the unborn child. H412 Harmful to aquatic life with long lasting effects.
Precautionary statements response	P201 Obtain special instructions before use. P261 Avoid breathing dust/ fume/ gas/ mist/ vapours/ spray. P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.
Other hazards	P308 + P313 IF exposed or concerned: Get medical advice/ attention. This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

4. First Aid Measures

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General advice	Consult a physician. Show this safety data sheet to the doctor in attendance. Move out of dangerous area.
If inhaled	If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.
Eye Contact	Flush eyes with water as a precaution.
Swallowed	Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician
Skin Contact	Wash off with soap and plenty of 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) and/or in section 11
Indication of any immediate medical attention and special treatment needed	No data available

5. Fire-fighting Measures

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Suitable extinguishing media	Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.
Unsuitable extinguishing media	No data available.
Special hazards arising from the substance or mixture	No data available.
Further information	Use water spray to cool unopened containers
Hazardous combustion products	No data available.
Advice for firefighters	Wear self-contained breathing apparatus for firefighting if necessary.
Specific Hazards Arising from the Chemical	No data available.

6. Accidental Release Measures

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Personal precautions, protective equipment and emergency procedures	Use personal protective equipment. Avoid dust formation. Avoid breathing vapours, mist or gas. Ensure adequate ventilation. Evacuate personnel to safe areas. Avoid breathing dust.
Environmental Precaution	Prevent further leakage or spillage if safe to do so. Do not let product enter drains. Discharge into the environment must be avoided.
Methods and materials for containment and cleaning	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.

7. Handling and Storage

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Advice on safe handling	Avoid contact with skin and eyes. Avoid formation of dust and aerosols. Avoid exposure - obtain special instructions before use. Provide appropriate exhaust ventilation at places where dust is formed.
Conditions for safe storage, including any incompatibilities	Store in cool place. Keep container tightly closed in a dry and well-ventilated place. Storage class (TRGS 510): Non-combustible, acute toxic Cat.3 / toxic hazardous materials or hazardous materials causing chronic effects

8. Exposure controls and personal protection

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Appropriate engineering controls	Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.
Eye/face protection	Face shield and safety glasses. Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).
Body Protection	Complete suit protecting against chemicals. The type of protective equipment must be selected according to the concentration and amount of

Skin protection

the dangerous substance at the specific workplace.

Respiratory 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.

Control of environmental exposure

Where risk assessment shows air purifying respirators are appropriate use a full face respirator with multi-purpose combination (US) or type ABEK (EN 14387) respirator cartridges as a backup to engineering controls. If the respirator is the sole means of protection, use a full face supplied air respirator. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

Prevent further leakage of spillage if safe to do so. Do not let product enter drains.

9. Physical and chemical properties

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Physical state

Powder

Colour

grey

Odour

No data available

Odor Threshold

Not Applicable

pH

No data available

Melting Point

450 °C - lit.

Boiling Point

990 °C - lit

Flash Point

No data available

Evaporation Rate

Not Applicable

Flammability (solid, gas)

No data available

Explosive limits

No Data Available

Upper/lower flammability or explosive limits

No data available

Autoignition temperature

No data available

Decomposition temperature

No data available

Vapour pressure

No data available

Density

0,845 g/cm³

Vapour Density

No Data Available

Freezing point

No data available

Specific Gravity

No data available

Partition coefficient

No data available

Explosive properties

No data available

Solubility

0,0017 g/l at 20 °C -

Relative density

6,24 g/mL at 25 °C

Ignition temperature

No information available.

Particle characteristics

No data available

Viscosity

No data available

10. Stability and reactivity

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Reactivity

No data available

Stability

Stable under recommended storage conditions.

Possibility of hazardous reactions

No data available

Conditions to avoid

No data available

Incompatible materials

Zinc, cadmium, Sodium/sodium oxides, Potassium, Strong acids, Strong bases, Halogens

11. Toxicological information

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Acute toxicity	No data available
Skin corrosion/irritation	No data available
Respiratory or skin sensitization	No data available
Serious eye damage/eye irritation	No data available
Germ cell mutagenicity	No data available
Specific target organ toxicity - single exposure	No data available
Specific Target Organ Toxicity \square Repeated Exposure	No data available
Aspiration Hazard	No data available

12. Ecological information

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Persistence and degradability	No data available
Bioaccumulative potential	No data available
Toxicity	No data available
Mobility in soil	No data available
Results of PBT and vPvB assessment	This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.
Other adverse effects	Harmful to aquatic life with long lasting effects.

13. Disposal considerations

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Product	Offer surplus and non-recyclable solutions to a licensed disposal company. Dissolve or mix the material with a combustible solvent and burn in a chemical incinerator equipped with an afterburner and scrubber.
Contaminated packaging	Dispose of as unused product.

14. Transport information

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UN number	Not regulated
UN proper shipping name	Not dangerous goods
Transport hazard class(es)	Not regulated
Packaging group	Not regulated
Environmental hazards	No
Special precautions for user	No data available
Further information	No data available

15. Regulatory information

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Safety, health and environmental regulations specific for the product in question	This material safety data sheet complies with the requirements of Regulation (EC) No. 1907/2006.
Other regulations	No data available
Chemical Safety Assessment	For this product a chemical safety assessment was not carried out.

Other Information

The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchant ability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigations to determine the suitability of the information for their particular purposes. In no event shall be liable for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential or exemplary damages, how so ever arising, even if Rx Marine International has been advised of the possibility of such damages.