



Specialized in chemicals

Hefei TNJ Chemical Industry Co.,Ltd.

B910~911 Xincheng Business Center,

Qianshan Rd. Hefei 230022 China

Tel : (0086) 551 65418695

Fax: (0086) 551 65418697

Email: info@tnjchem.com

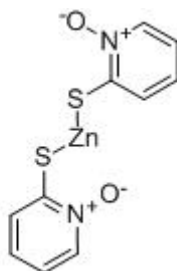
Site: www.tnjchem.com

Technical Data Sheet

Pyrithione Zinc

Product Information

Chemical Name	Zinc pyrithione
CAS #	13463-41-7
Formula	C ₁₀ H ₈ N ₂ O ₂ S ₂ Zn
Molecular Weight	317.7
Chemical Structure	



Physical Properties

Boiling point:	253.8°C
Flash point:	107.3°C
Water soluble:	Insoluble

Specification

Items	Industry grade	Cosmetic grade	
Assay,%	96 Min	97 Min	48~50(suspension)
m.p. °C	240 Min	240 Min	---
pH	6~8	6~8	6~9
Drying Loss,%	0.5 Max	0.5 Max	---
Appearance	Off- white powder	White powder	White suspension
Zinc Content (Zn),%	---	---	9.3~11.3

Safety

Always refer to the Material Safety Data Sheet (MSDS)

Applications

ZPT is a superordinary anti-scale agent and anti-lipid overflow agent. It can effectively eliminate eumycete which produces dandruff, and result in relieving itching, removing dandruff, diminishing phalacrosis and deferring poliosis. Therefore, it is considered as a highly effective and safe product. It will add the value of shampoo and meet the high demands from consumers. For this reason, ZPT is widely used in the production of shampoo. Moreover, as a fine, broad-spectrum, environment-friendly and low toxic antiseptics, it can be used in civil coating, adhesive and carpet. The mixture of ZPT and Cu₂O also can be used as marine antifouling coating to prevent adhering of shells, seaweeds and aquatic organisms to hulls. ZPT and its relative products enjoy tremendous potential and broad space in pesticide field with properties of high-efficiency, environmental protection, hypotoxicity and broad-spectrum.

Packaging

25kg per fiber drum
9mt per 20ft container

Storage & Handling

Do not store in direct sunlight. Store in a tightly closed container.
Store in a cool, dry, well-ventilated area away from incompatible substances.
Wash thoroughly after handling. Use with adequate ventilation. Minimize dust generation and accumulation.
Avoid breathing dust, vapor, mist, or gas. Avoid contact with skin and eyes. Keep container tightly closed.
Avoid ingestion and inhalation.

Always refer to the Material Safety Data Sheet (MSDS) for detailed information on handling and disposal.

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 we 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, howsoever arising, even if we has been advised of the possibility of such damages.

Hefei TNJ Chemical Industry Co.,Ltd.

B911 Xincheng Business Center
Qianshan Road, Hefei
230022 Anhui
China

Tel : (0086) 551 65418695
Fax: (0086) 551 65418697
Email: info@tnjchem.com
Site: www.tnjchem.com