

Material Safety Data Sheet

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| <p>1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION</p> <p>Product Name: Diisopropyl xanthogen disulfide Manufactured by: Sanmenxia Bangway Chemical Co.,Ltd Address: The Crossing of Xiuling Rd. and Shenquan Rd. ,Shanxian county town Henan province ,China Telephone: (+86)-398-3646662 FAX: (+86)-398-3646667</p> |
| <p>2. COMPOSITION/INFORMATION ON INGREDIENTS</p> <p>CAS#: 105-65-7 MF: C₈H₁₄O₂S₄ EC NO: 203-319-5 SYNONYMS bis(isopropylxanthogen) disulfide* bis(o-isopropylxanthyl) disulfide * bis(1-methylethyl) esterthioperoxydicarbonic acid * bis(2-propyl) dixanthogen * diisopropyl dixanthogen * diisopropyl xanthogenate disulfide * diisopropyl xanthogen disulfide * diproxid * diproxide * formic acid, dithiobis(thio-, o,o-diisopropyl ester (6ci,8ci) * isopropyl xanthogen disulfide *</p> |
| <p>3. HAZARDS IDENTIFICATION</p> <p>label precautionary statements irritant irritating to eyes, respiratory system and skin. contact with acids liberates toxic gas. in case of contact with eyes, rinse immediately with plenty of water and seek medical advice. wear suitable protective clothing.</p> |
| <p>4. FIRST AID MEASURES</p> <p>in case of contact, immediately flush eyes with copious amounts of water for at least 15 minutes. in case of contact, immediately wash skin with soap and copious amounts of water. if inhaled, remove to fresh air. if not breathing give artificial respiration. if breathing is difficult, give oxygen. if swallowed, wash out mouth with water provided person is conscious. call a physician. wash contaminated clothing before reuse.</p> |

5. FIRE FIGHTING MEASURES

extinguishing media

water spray.

carbon dioxide, dry chemical powder or appropriate foam.

special firefighting procedures

wear self-contained breathing apparatus and protective clothing to

prevent contact with skin and eyes.

unusual fire and explosions hazards

emits toxic fumes under fire conditions.

6. ACCIDENTAL RELEASE MEASURES

wear self-contained breathing apparatus, rubber boots and heavy rubber gloves.

avoid raising dust.

ventilate area and wash spill site after material pickup is complete.

7. HANDLING AND STORAGE

refer to section 8.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

chemical safety goggles.

rubber gloves.

niosh/msha-approved respirator.

safety shower and eye bath.

mechanical exhaust required.

avoid contact and inhalation.

do not get in eyes, on skin, on clothing.

wash thoroughly after handling.

irritant.

keep tightly closed.

store in a cool dry place.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance and odor: yellow powder

Physical properties: melting point: 54 c to 56 c

10. STABILITY AND REACTIVITY

Incompatibilities:

strong oxidizing agents

avoid contact with acid.

hazardous combustion or decomposition products

toxic fumes of carbon monoxide, carbon dioxide

sulfur oxides

hydrogen sulfide gas

11. TOXICOLOGICAL INFORMATION

Acute effects

may be harmful by inhalation, ingestion, or skin absorption.

causes eye and skin irritation.

material is irritating to mucous membranes and upper

respiratory tract.

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

RTECS #: xm6844300

thioperoxydicarbonic acid, bis(1-methylethyl) ester-

target organ data

lungs, thorax or respiration (dyspnae)

gastrointestinal (changes in structure or function of salivary glands)

nutritional and gross metabolic (weight loss or decreased weight gain)

only selected registry of toxic effects of chemical substances

(rtecs) data is presented here. see actual entry in rtecs for complete information.

12. ECOLOGICAL INFORMATION

Data not yet available.

13. DISPOSAL CONSIDERATIONS

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

14. TRANSPORT INFORMATION

UN No. 2811

Shipping Name: Diisopropyl xanthogen disulfide

Dangerous Goods Class: 6.1

Subsidiary Risk: Not applicable

Pack Group: II

[Dangerous pictograms:](#)



15. REGULATORY INFORMATION

European information

irritant

R36/37/38

irritating to eyes, respiratory system and skin.

R31

contact with acids liberates toxic gas.

S26

in case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

S36

wear suitable protective clothing.

16. OTHER INFORMATION

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as an only

REVISED April 7, 2013

Supersedes: July 13, 2012