

1. Identification

Product Identifier : DPS
Synonyms: -
Suggestive Use: -
Names, addresses, and phone numbers of the maker, importer or supplier: TAIWAN HOPAX CHEMICALS MFG. CO., LTD. No.28, Hua Dong Road, Daliiao, Kaohsiung 83162, Taiwan TEL.:886-7-7887600
Emergency contact phone numbers/fax numbers : 886-7-7887600 / 886-7-7872892

2. Hazards Identification

Chemicals Classification : Not a hazardous material, according to EU guide line/Dangerous good regulations.
Labeling : - Symbol : - Signal word : - Hazard statement : May cause eye irritation. May cause skin irritation. Precautionary statements : Wear respiratory protection, protective gloves and eye & face protection Use only in a well-ventilated area. Take precautionary measures against static discharge Use only non-sparking tools Store container tightly closed in cool/well-ventilted place . Wash thoroughly after handling.
Other hazards : -

3. Composition / Information on ingredients
Pure material :

Chinese and English name : N,N-二甲基二硫代甲醯胺丙烷磺酸鈉 / N,N-Dimethyl-dithiocarbamic acid -3- (sulfopropyl ester) sodium salt
Synonyms : -
Chemical Abstract Service No.(CAS No.) : 18880-36-9
The hazardous ingredient (%of the content) : -

Mixtures :

Chemical properties : -	
Chinese and English names of The hazardous ingredients	Concentration or concentration ranges(ingredient percentage)
-	-

4. FIRST AID MEASURES

The first aid measures for different exposure routes:

Inhalation : remove to fresh air. If not breathing give artificial respiration.

Skin : wash skin with soap and copious amounts of water.

Eyes : flush eyes with copious amounts of water for at least 15 minutes.

Ingestion : wash out mouth with water provided person is conscious. Call a physician.

The most important symptoms and hazardous effects : -

The protective of first-aiders : -

Notes to a physician : -

5. FIRE FIGHTING MEASURES

Suitable fire extinguishing media: Water spray. Carbon dioxide, Dry chemical power, Alcohol or polymer foam.

Specific hazards may be encountered during fire-fighting: -

Specific fire-fighting methods: Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.

Special equipment for the protection of firefighters: -

6. ACCIDENTAL RELEASE MEASURES

Personal precautions : Wear self-contained breathing apparatus, rubber boots, and heavy rubber gloves.

Environmental precautions : -

Methods for cleaning up : Sweep up, place in a bag and hold for waste disposal. Ventilate area and wash spill site after material pickup is complete.

7. HANDLING AND STORAGE

Handling: Avoid all contact and inhalation of dust, mists, and/or vapors associated with the material. Wash thoroughly after handling.

Storage: Keep in a tightly closed container, store in a cool, dry, ventilated place. Isolate from any source of heat or ignition.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering control : -

Control parameters:

8 hours time weighted average exposure limits/Short-term exposure limits/maximum exposure limits biological standards: -

Personal Protective Equipment :

Respiratory protection : For conditions of use where exposure to the dust or mist is apparent, a half-face dust/mist respirator may be worn. For emergencies or instances where the exposure levels are not known, use a full-face positive-pressure, air-supplied respirator.

Hand protection: Wear gloves.

Eye protection: Wear goggles or a face shield.

Skin and body protection: Wear boots, and protective clothing.

Hygiene measures:-

9. PHYSICAL/CHEMICAL PROPERTIES

Appearance (physical state, color, etc.) : White Powder	Odor : slight characteristic odor.
Odor threshold : -	Melting point : 242 ~ 246°C
pH-value : -	Boiling point/boiling point range:-
Flammability(solid, gas) : -	Flash point : N/A (recommended to keep under 110°C)
Decomposition temperature : -	Explosion limits : -
Auto-ignition temperature : -	Vapor density : -
Vapor pressure : -	Solubility : 10g/100ml(water)
Density : -	Evaporation rate : -
Partition coefficient (n-octanol/water,log Kow): -	

10. STABILITY AND REACTIVITY

Stability: Stable under normal temperatures and pressures.

Possibility of hazardous under specific conditions:

Conditions to avoid :

Materials to avoid : Strong oxidizing agents.

Hazardous decomposition products : Hazardous Decomposition Products: Carbon monoxide, Carbon dioxide, Nitrogen oxides, Sulfur oxides.

11. TOXICOLOGICAL INFORMATION

Routes of exposure

Acute Toxicity : Inhalation Toxicity : -

Dermal Irritation : -

Eye Irritation : -

Oral Toxicity : -

LD50(test animal , absorb way) : - mg/kg(rat , Oral)

LC50(test animal , absorb way) : - mg/m3/30min(rat , Inhalation)

Target organ effects : -

Irritation : -

Subchronic/Chronic Toxicity : -

Special effects : - mg/kg

12. ECOLOGICAL INFORMATION

Ecotoxicity : LC50 (fish) : -

EC50 (aquatic and terrestrial) : -

BCF : -

Persistence and degradability : -

Bioaccumulative potential : -

Mobility in soil : -

Other adverse effects : -

13. DISPOSAL CONSIDERATIONS

Methods of waste disposal: 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.

14. TRANSPORT INFORMATION

United Nations number(UN No) : Not applicable

UN proper shipping name : Not applicable

Transport hazard class : Not dangerous sample.

Packing Group : Not applicable

Marine Pollutant (Yes/No) : No

Specific transport measures and precautionary conditions : Not applicable

15. REGULATORY INFORMATION

Applicable regulations:-

16. OTHER INFORMATION

Literature References	-
Organization that prepared the SDS	Name : TAIWAN HOPAX CHEMICALS MFG. CO., LTD.
	Address/telephone number: No.28, Hua Dong Road, Daliao, Kaohsiung 83162, Taiwan TEL.:886-7-7887600
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