



SAFETY DATA SHEET

According to 1907/2006 EC

SECTION 1: Identification

Product Name: FortHP (Other Organo-Inorganic Compounds)

1.2 Relevant identified uses of the substance or mixture and uses advised against

Textile auxiliaries.

1.3 Details of the supplier of the safety data sheet

· Manufacturer/Supplier:

Fortune Top Pte Ltd.
No.811, Zhongzheng Rd, New Taipei City,
Taiwan, R.O.C.
Emergency information: Tel: +886-2-2222-7680

SECTION 2: Hazards identification

Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008

The product is not classified according to the CLP regulation.

Label elements:

Labelling according to Regulation (EC) No 1272/2008 Void

Hazard pictograms Void

Signal word Void

Hazard statements Void

Other hazards

Results of PBT and vPvB assessment

PBT: Not applicable.

vPvB: Not applicable.

Other hazards: None

SECTION 3: Composition

Composition	CAS Number	%
1-hydroxy ethylidene-1,1-diphosphonic acid	2809-21-4	90%

Hazardous ingredient	CAS Number	%
None		



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SECTION 4: First aid measures
The first aid measures for different exposure routes: Inhalation: Remove to fresh air. Skin Contact: Wash thoroughly with soap and water and seek medical attention if reaction occurs. Eye Contact: Bathe eyes with running water for 15 minutes Ingestion: Rinse mouth out with water. Do not induce vomiting. Seek medical attention if reaction occurs.
The most important symptoms and hazardous effects: Skin contact: There may be mild irritation at the site of contact. Eye contact: There may be irritation and redness. Ingestion: There may be mild irritation of the throat.
The protection of first-aiders: None.
Notes to physicians: None.
SECTION 5: Firefighting measures
Suitable fire extinguishing media: Use dry chemical, foam or water spray. Water can be used to cool fire exposed containers.
Specific hazards may be encountered during fire-fighting: None.
Specific fire-fighting methods: None.
Special equipment for the protection of firefighters: None.
SECTION 6: Accidental release measures
Personal precautions: Avoid contact with liquid and vapors. Wear suitable protective equipment.
Environmental precautions: Avoid entering sewers or natural waters.
Methods for cleaning up: Cover with inert absorbent material (e.g. sand, sawdust) Collect as far as possible the resulting mass and discard the remainder by spraying water.
Section 7: Handling and Storage
Handling: Use with adequate ventilation. Avoid eye contact. Avoid skin contact. Avoid breathing mist. Keep container closed. Do not take internally.
Storage: Use reasonable care and store away from oxidizing materials. Store in a cool, dry, well ventilated area in original packaging.
Section 8: Exposure Controls/Personal Protection
Engineering control: Local Ventilation: Recommended. General Ventilation: Recommended. monitored at the workplace.



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Control parameters:

Component Exposure Limits

There are no components with workplace exposure limits.

Personal protective equipment:

Respiratory protection: Respiratory protection not required.

Hand protection: Protective gloves.

Eye protection: Safety glasses.

Skin and body protection: Wear overalls and boots.

Section 9: Physical and Chemical Properties

Appearance	: Powder
Colour	: White crystal
Odour	: -
Odor threshold	: -
Solid content (%)	: (89-91)%
pH value (10%)	: <2.0 Conditions 10 g/l @ 25°C
Flammability (solid, gas)	: None
Freezing point	: None
Auto-ignition temperature	: -
Vapor pressure	: -
Specific gravity at 20°C	: None
Partition coefficient (n-octanol/water,log Kow)	: -
Melting point	: -
Boiling point	: -
Explosion limits	: None
Viscosity	: 46.0 mPa.s @ 20°C
Solubility	: completely miscible
Chemical reactivity	: None
Evaporation rate	: -
Flash point (°C)	: Non-flammable aqueous solution
Test method	: -

Section 10: Stability and Reactivity

Stability: Stable at normal temperatures and storage conditions.

Possible hazardous reactions under specific conditions: None.

Conditions to avoid: None.

Materials to avoid: Oxidizing material.

Hazardous decomposition products: None



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Section 11: Toxicological information
Routes of exposure: None.
Symptoms: None.
Acute toxicity: Acute Oral toxicity: LD50: >2,400mg/kg (Rat) Eye effects: May be slight irritating (Rabbit) Skin effects: May be slight irritating (Rabbit)
Section 12: Ecological information
Ecotoxicity: No data available.
Persistence and Degradability: No data available.
Bioaccumulative potential: No data available.
Mobility in soil: No data available.
Other adverse effects: No data available.
Section 13: Disposal Considerations
Methods of waste disposal: Chemicals must be disposed of in compliance with the respective national regulations. In case of small amount, rinses with water. Spill or Leak: In case of small amount, washes with water; In case of large amount, fences by non-flammable material and recovers.
Section 14: Transport information
United Nations number (UN No): Not Regulated as a hazardous material by DOT, IMO, or IATA.
UN Proper shipping name: None
Transport hazard class(es): None
Packing group: None
Marine pollutant (Yes/No): NO
Specific transport measures and precautionary conditions: None
Section 15: Regulatory Information
ERMA NEW ZEALAND HSNO Chemical Classification 6.3A Irritating To The Skin 6.4A Irritating To The Eyes Labelling according to EC directive EC Risk Phrases(R-phrases): R36/38 Irritating to eyes and irritating to skin.



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EC Safety Phrases(S-phrases):

- S26 In case of contact with eyes rinse and seek medical advice.
- S28 After contact with skin, wash immediately with plenty of soap-suds.
- S36 Wear suitable protective clothing.
- S37 Wear suitable gloves.
- S39 Wear eye / face protection.

Section 16: Other Information

Literature references

- 1.OHS MSDS Date Base
2. Niosh - Registry of Toxic Effects of Chemical Substances
- 3.Globally Harmonized System Of Classification And Labeling Of Chemicals

Organization that prepared the MSDS	Name: Fortune Top Pte Ltd
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Person who prepared the MSDS	Title: R&D- Manager; Name: Milton Lai
Date that the MSDS was revised	2024/01/01