

**1. Identification**

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

**2. Hazards Identification**

<b>Chemicals Classification</b> : -
<b>Labeling</b> : -
<b>Symbol</b> : -
<b>Signal word</b> : -
<b>Hazard statement</b> : May cause eye and skin irritation. May cause allergic respiratory reaction. May cause irritation of the digestive trace. The toxicological properties have not been thoroughly investigated.
<b>Precautionary statements</b> : Do not eat, drink or use tobacco when using this product. Wear respiratory protection, protective gloves and eye/face protection. Use only in a well-ventilated area. Wash thoroughly after handling.
<b>Other hazards</b> : -

**3. Composition / Information on ingredients**
**Pure material :**

<b>Chinese and English name</b> : -
<b>Synonyms</b> : -
Chemical Abstract Service No.(CAS No.) : <b>66992-27-6</b>
<b>The hazardous ingredient (%of the content)</b> : -

**Mixtures :**

<b>Chemical properties</b> : -	
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:
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**Inhalation** : Remove from exposure to fresh air immediately. If not breathing, give artificial respiration. If breathing is difficult, give oxygen.

**Skin** : Get medical aid. Wash clothing before reuse. Rinse area with large amounts of water for at least 15 minutes.

**Eyes** : Flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Get medical aid.

**Ingestion** : Do NOT induce vomiting. If victim is conscious and alert, give 2-4 cupfuls of milk or water. Get medical aid immediately.

The most important symptoms and hazardous effects : -

The protective of first-aiders : -

Notes to a physician : -

#### 5. FIRE FIGHTING MEASURES

**Suitable fire extinguishing media:** Use water spray, carbon dioxide, dry chemical powder, or chemical 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 :** -

**Environmental precautions :** -

**Methods for cleaning up :** -

#### 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 boots, and protective clothing.

**Eye protection:** Wear gloves.

**Skin and body protection:** Wear goggles or a face shield.

Hygiene measures:-

### 9. PHYSICAL/CHEMICAL PROPERTIES

<b>Appearance (physical state, color, etc.)</b> : White powder.	<b>Odor</b> : odorless
<b>Odor threshold</b> : -	<b>Melting point</b> : -
<b>pH-value</b> : -	<b>Boiling point/boiling point range</b> :-
<b>Flammability(solid, gas)</b> : -	<b>Flash point</b> : N/A (recommended to keep under 110°C)
<b>Decomposition temperature</b> : -	<b>Explosion limits</b> : -
<b>Auto-ignition temperature</b> : -	<b>Vapor density</b> : -
<b>Vapor pressure</b> : -	<b>Solubility</b> : 2.4g/100ml(water)
<b>Density</b> : -	<b>Evaporation rate</b> : -
<b>Partition coefficient (n-octanol/water,log Kow)</b> : -	

### 10. STABILITY AND REACTIVITY

**Stability:** Stable under normal temperatures and pressures.

**Possibility of hazardous under specific conditions:** -

**Conditions to avoid** : -

**Materials to avoid** : -

**Hazardous decomposition products** : Toxic fumes of : Nitrogen oxides, carbon monoxide, carbon dioxide, sulfur oxides(SOx).

### 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/m<sup>3</sup>/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:** -

### 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	-
<b>Organization that prepared the SDS</b>	<b>Name</b> : TAIWAN HOPAX CHEMICALS MFG. CO., LTD.
	<b>Address/telephone number:</b> No.28, Hua Dong Road, Daliao, Kaohsiung 83162, Taiwan TEL.:886-7-7887600
<b>Date that the SDS was prepared:</b>	<b>2019/07/02</b>