

B 4000 HARDENER

Reviewed on: 19/01/2010
 Printing date: 19/01/2010

1. Identification of the substance/preparation and of the company/undertaking

TRADE NAME: B 4000 HARDENER

MANUFACTURER/SUPPLIER:

Axson Technologies (Shanghai) international Co., Ltd

No. 53, Taigu Road, Wai Gao Qiao Free Trade Zone 200131 Shanghai - China

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Emergency Contact Number: 86-21-58683037

2. Composition / information on ingredients

•**Mixed or non-mixed product:** mixed product

•**common product name:** Modifid Aliphatic amines

•**Ingredients:**

CAS No.	Ingredients	UN class	UN No.	Mixing ratio
135108-88-2	Formaldehyde, polymer with benzenamine, hydrogenated	No entry		26
2855-13-2	Isophoronediamine	Class 8	2735	2
471-34-1	Calcium Carbonite	No entry		12
14807-96-6	Talc			24
7631-86-9	Glass powder			6
112945-52-5	Silica powder			30

3. Hazards identification

•**Classification:** other dangerous component

•**Hazardously:** ignitable liquid

•**Hazard for human:** may cause inflammation by skin/eye contact repeatedly

4. First-aid measures

•**After eye contact:** Open eyelids as far as possible and flush with large quantities of water for at least fifteen minutes. Call a physician, preferably an eye specialist.

•**After skin contact:** Change any soiled clothing immediately. Wash skin with large quantities of water for at least fifteen minutes. Call a physician if pain or irritation continues.

•**After inhalation:** Remove the patient to a fresh air area and keep warm by a blanket and take a rest. Call a physician immediately.

•**After swallowing:** Do not induce vomiting; call a physician immediately.

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5. Fire - fighting measures

- **Suitable extinguishing agents:** form, powder or water spray, CO2
- **Fire-fighting method:** Remove the combustible from the origin of fire and extinguish the fire from upper side of wind with extinguishing agents.

6. Accidental release measures

- **In case of leakage for a small quantity:** Remove the combustible immediately. Absorb spilt material with absorbent substance and transfer to the container and close tightly.
- **In case of leakage for al large quantity:** Avoid split material transfer to sewers or rivers and remove it as much as possible and transfer to the container and close tightly. Absorb unremovable split material with absorbent and transfer to the container and close tightly. Keep out the spot with rope and remove the combustible immediately. Wear protective equipment for above procedures.

7. Handling and storage

7-1 Handling:

- Wear protective equipment to avoid inhalation of the steam, eye/skin contact.
- Ensure sufficient ventilation for indoor workplace especially when heat up the product.
- Be careful not to contact the product and the material which cause chemical reaction with the product.

7-2 Storage:

- Keep the product with enough fresh air internally with fire prevention. Sign with no fire.

8. Exposure controls / personal protection

- **Controlled density:** no regulation
- **Permitted density:**
AGIH TLV: 0.01ppm
- **Facility:** Facility can be closed tightly. In case steam or mist occurs, ventilate with ventilation fun. Wear protective equipment. Floor should be made from non-absorption material.
- **Protective equipment:** protective mask, unpenetrated cloth, protective glove/boots, protective glasses

9. Physical and chemical properties

Physical state	Amber
Smell	non smell
Density	1.8
Steam density	no data
Steam pressure	no data
Heat capacity	no data

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Thermal conductivity	no data
Viscosity	pate
Solubility	soluble in organic solvents except water and alcohol

10. Stability and reactivity

Flash point	168°C
Self ignition temperature	no data
Exposure limit	no data
Stability, reactivity	stable with normal handling
Dangerous decomposition	carbon monoxide or phenol gas may occurred by incomplete combustion

11. Toxicological information

- Oral toxicity in rats:** LD50 : 0.22g/kg
- Effects on skin:** Systemic toxicity is low. Skin sensitization is unlikely unless exposure is repeated.
- Effects by inhalation:** Sensitization is not occurred by inhalation in room temperature.
- Stimulation: weak stimulation on skin and eye**
- Other information:**
As a result of investigation by the Ministry of Labor, The mutation abiogenesis which exceeds specified standard is recognized by two kinds of examinations, which are the mutation primeval test which uses the microbe and the chromosomal aberration test which uses the mammalian cultured cell. There is a possibility of causing healthy obstacle.

12. Ecological information

Ecotoxicity: This product is practically without toxic effect on fish in static acute contidions.
Biodegradability: N/A

13. Disposal considerations

- **Information about elimination (persistence and degradability):**
Dispose of the product by burning in a suitable incinerator or bury in an approved land field following all applicable local and/or national regulations.
Disposal must be made according to official regulations.

14. Transport information

As for the transport, it follows a statute such as road transportation vehicles law As for other handling,

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it is done according to contents of mention of "handling and the attention in storage".

15. Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.