

UP-6160ALS

Reviewed on: 17/05/2007

Printing date: 17/05/2007

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

**TRADE NAME: UP-6160ALS**

**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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**Fax :** +86-21-58682601

**Further information obtainable from:** Lab R&D 86-21-58683037

**Emergency Contact Number: 86-21-58683035**

## 2. Composition / information on ingredients

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

**common product name:** modified polyol

**Ingredients:**

CAS No.	Ingredients	UN class	UN No.	Mixing ratio
50586-59-9	Modified polyol			99.5(AK:98)
Registered certify	AK includes pigment (>2%)			0(AK:1.5)
62568-43-8	Polymerization catalyst			0.3
1318-02-1	Dehydrating agent			0.2

## 3. Hazards identification

**Classification:** no classification

**Hazardously:** ignitable liquid

**Hazard for human:** no advise from Japan Association of Industrial Health and unsettled at ACGHI

## 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.

## 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 a large quantity:** Avoid spilt material transfer to sewers or rivers and remove it as much as possible and transfer to the container and close tightly. Absorb unremovable spilt 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.

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## 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:**

Japan Association of Industrial Health – unsettled

AGIH TLV: unsettled

•**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	A: Grayish white liquid AK: Black
Odor	almost no odor
Density	1.088
Steam density	no data
Steam pressure	no data
Heat capacity	no data
Thermal conductivity	no data
Viscosity	650mPa.s
Solubility	soluble in organic solvents except water and alcohol

## 10. Stability and reactivity

Flash point	189°C
Self ignition temperature	no data
Exposure limit	no data
Stability, reactivity	stable with normal handling
Dangerous decomposition	carbon monoxide may occurred by incomplete combustion

## 11. Toxicological information

- Oral toxicity in rats:** LD50 (rat) <10000mg/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:** Not applicable for mutation abiogenesis
- Carcinogenicity:** no report

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## 12. Ecological information

Ecotoxicity: This product is practically without toxic effect on fish in static acute conditions.  
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, 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.*