
MATERIAL SAFETY DATA SHEET

1. CHEMICAL PRODUCT & COMPANY IDENTIFICATION

- *Chemical product name* : Alanon ALE
- *Name of manufacturer/supplier* : Kawaken Fine Chemicals Co., Ltd.
- *Head office*
 - *Name of section* : Household Chemicals Business Unit
 - *Address* : Horidome BLDG., 2-3-3, Nihombashi Horidome-cho, Chuo-ku, Tokyo, 103-0012 Japan
 - *Telephone number* : +81-3-3663-9521
 - *Fax number* : +81-3-3661-5630
- *Osaka branch*
 - *Address* : Sakamoto BLDG., 1-2-6, Awaji-machi, Chuo-ku, Osaka, 541-0047 Japan
 - *Telephone number* : +81-6-6201-1631
 - *Fax number* : +81-6-6227-0755

2. COMPOSITION/INFORMATION ON INGREDIENTS

- *Substance/Mixture* : Substance
- *Chemical name(Generic name)* : Sodium N-lauroyl-N-methyl-β-amino-propionate solution
- *Synonym* : Sodium lauroyl methyl-β-amino propionate solution
- *INCI name* : SODIUM LAUROYL METHYLAMINOPROPIONATE
- *CAS registry number* : 21539-58-2
- *TSCA master inventory* : no.
- *EINECS number* : 244-429-3
- *Ingredients and composition* : 30% solution
- *Chemical formula* : C₁₁H₂₃CON(CH₃)CH₂CH₂COONa
- *UN class* : Not applicable.
- *UN number* : Not applicable.

3. HAZARDS IDENTIFICATION

- *Class name of hazardous chemicals for SDS in Japan* :
Not applicable.
 - *Physical & Chemical hazards* :
No information.
 - *Adverse human health effects* :
No information.
 - *Environmental effects* :
No information.
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4. FIRST-AID MEASURES

- *Eye contact* :
Gently rinse the affected eyes with clean water for at least 15 minutes. Arrange for transport to the nearest medical facility for examination and treatment by a physician as soon as possible.
 - *Skin contact* :
Remove all contaminated clothing, shoes and socks from the affected area as quickly as possible.
Wash down the affected area with the streaming water by using a mild soap. If irritation persists, arrange for transport to the nearest medical facility for examination and treatment by a physician as soon as possible.
 - *Inhalation* :
Remove the victim from the contamination immediately to fresh air. If breathing is weak, irregular or has stopped, open his airway, loosen his collar and belt and administer artificial respiration. Arrange for transport to the nearest medical facility for examination and treatment by a physician as soon as possible.
 - *Ingestion* :
Rinse mouth with water. Give the person one or two cups of water, try to get the victim to vomit by having the victim touch the back of their throat with a finger. Arrange for transport to the nearest medical facility for examination and treatment by a physician as soon as possible.
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5. FIRE-FIGHTING MEASURES

- *Extinguishing media* :
In the case of fire, use water spray.
 - *Specific hazards with regard to fire-fighting measures* :
This product is noncombustible.
Firefighters should wear proper protective equipment. And keep personnel removed from and upwind of fire.
Evacuate personnel to safe area. Apply water from a safe distance to cool and protect surrounding area.
Take out removable containers from fire-point, if it can be done safely.
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6. ACCIDENTAL RELEASE MEASURES

Evacuate non-essential personnel. Wear proper protective equipment. Do not wash away into sewer or waterway. Absorb spill with inert materials (e.g. Dry sand or Earth), then place in a chemical waste container.

7. HANDLING & STORAGE

- *Handling* :
Avoid contact with skin or eyes. Wear proper protective equipment. Avoid rough handling or dropping.
Take care good personal hygiene after handling this material, especially before eating, drinking, smoking or using the toilet.
 - *Storage* :
Store in a cool, dry and well-ventilated location. Keep containers tightly closed when in not use.
 - *Others* :
Use the products early after break the seal, for the possibility of microbial contamination.
In winter (under 5 ~ 0), the matter solidify, should gentry before use.
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8. EXPOSURE CONTROLS/PERSONAL PROTECTION

- *Control parameter* :
Not established.
- *Engineering measures* :
Use only with adequate ventilation and in closed systems. Make available emergency shower and eye wash in the work areas.
- *Personal protective equipment* :
 - *Respiratory protection* :
Wear chemical cartridge respirator with an organic vapor cartridge.
 - *Eye protection* :
Wear protective eyeglasses or chemical safety goggles.
 - *Hand, skin and body protection* :
To prevent any contact, wear protective clothing such as gloves, apron, boots and proper suits.

9. PHYSICAL & CHEMICAL PROPERTIES

- *Physical state* : Liquid
- *Appearance* : Colorless or pale yellow
- *Odor* : Slight characteristic odor
- *pH(3% sol.)* : 8.0 - 9.0
- *Specific gravity* : 1.032 (25 °C)
- *Solubility in water* : Very soluble
- *in organic solvents* : Very soluble in Ethyl alcohol.

10. PHYSICAL HAZARD (Stability & Reactivity)

- *Flash point* : Noncombustible.
- *Autoignition temperature* : No data.
- *Stability & Reactivity* : This product is considered a stable material under normal and anticipated storage and handling conditions.

11. TOXICOLOGICAL INFORMATION

- *Irritant properties* : Skin 5% (human) Mild. 1)
Skin 10% (human) Mild. 1)
Eyes 1% (rabbit) No effects.
- *Acute Toxicity* : Oral LD₅₀ (mouse) 2052mg/kg
Venous LD₅₀ (mouse) 173mg/kg
- *Others* : No information.

12. ECOLOGICAL INFORMATION

- *Biodegradability* : More than 97.9%
 - *Bioaccumulation* : No data.
 - *Fish Toxicity* : No data.
 - *Others* : BOD 52ppm(100ppm aq.)
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13. DISPOSAL CONSIDERATIONS

In compliance with the federal requirements and the local regulations, ensure to dispose of this product.

14. TRANSPORT INFORMATION

In compliance with the federal requirements and the local regulations, ensure to transport this product.

15. REGULATORY INFORMATION

Kawaken Fine Chemicals Co., Ltd. is not able to check up the regulatory information in regard to the substances in your country or region; therefore, we request this product would be filled by your responsibility.

16. OTHER INFORMATION

- *References* : 1) The Medical Society of Toho University.(May 31, 1969).

To the best of our knowledge, the information contained herein is accurate. However, neither Kawaken Fine Chemicals Co., Ltd. nor any subsidiaries assumes any liability what so ever for the accuracy or completeness of the information contained herein. The final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used in caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards, which exist.