

ASTAT 300

According to EC Directive 91/155/EEC

1. Identification of the substance/preparation and the company

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2. Composition/information on ingredients

Chemical	CAS No.	%
Tallowamine	75-21-8	90
Ethylene Oxide	61790-33-8	10

3. Hazards identification

This product is NOT considered to be hazardous substance under OSHA'S Hazard Communication Standard (29 CFR 1910/200)

4. First-aid measures

Upon inhalation of aerosol/vapour/dust: Take the patient into the fresh air; if there is difficulty in breathing, medical advice is required.

Skin contact: After contact with skin, wash with plenty of water.

Eye contact: Contamination of the eyes must be treated by thorough irrigation with water, with the eyelids held open. A doctor (or eye specialist) should be consulted immediately.

Upon swallowing: In case of swallowing, drink plenty of water.

If feel unwell, seek medical advice.

5. Fire-fighting measures

Extinguishing media: water mist, foam, dry powder, CO₂

6. Accidental release measures

Take up and fill into a closable container.

7. Handling and storage

Keep container tightly closed and store in a cool, dry well-ventilated location.

Keep away from any area where the fire hazard may be acute. Outside or detached storage is preferred.

Storage period : 12 months.

8. Exposure controls/personal protection

Avoid inhaling aerosols and vapours. Avoid contact with eyes and skin. Keep away from food and drink stuffs. Do not eat, drink or smoke at work.

Wash hands before breaks and at end of work and use skin-protecting ointment.

9. Physical and chemical properties

tested in accordance with

Form:	Liquid
Colour:	Brown
Odour:	Original
Solidifying point:	--°C
Boiling point:	--
Density:	1.02±0.02 g/cm ³
Vapour pressure:	--
Viscosity:	--
Solubility in water:	Soluble in organic solvent
PH value(1%)	9 - 10
Flash point:	> 100°C
Ignition temperature:	--

10. Stability and reactivity

Stability :

Stable under ordinary conditions of use and storage.

Hazardous Decomposition products:

Carbon dioxide and carbon monoxide may form when heated to decomposition. Hazardous

Polymerization: Will not occur.

Incompatibilities:

Heat, flame, strong oxidizers, strong acids.

Conditions to Avoid:

Heat, flames, ignition sources and incompatibles.

11. Toxicological information Acute oral

toxicity(LD₅₀): N Av. Skin irritation:

irritating to skin. Eye irritation:

irritating to eye.

12. Ecological information

Biological elimination: --% Method: --

COD value: --

BOD₅ value: --

13. Disposal considerations

If utilization or recycling of the product is not possible, it should be disposed of according to the local regulations and laws, e.g. by incineration in a suitable plant.

Soiled, empty containers are to be treated in the same way as the contents.

14. Transport information

Declaration for land shipment: Not classified as dangerous goods

Declaration for sea shipment: Not classified as dangerous goods

Declaration for shipment by air: Not classified as dangerous goods

Other information: Not dangerous cargo. Keep separated from foodstuffs.

15. Regulatory information

No labeling is required in accordance with the EEC directives.

Not subject to the German Regulation on Flammable Liquids (VbF).

16. Other information

This data sheet was prepared in accordance with Directive 91/155/EEC.

MSDS Prepared by: Formula Chemicals Documentation Department.

MSDS Version / Prepared or Revised on: Version 5.0 2017/01/09

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We support worldwide Responsible Care® initiatives. We value the health and safety of our employees, customers, suppliers and neighbors, and the protection of the environment. Our commitment to Responsible Care is integral to conducting our business and operating our facilities in a safe and environmentally responsible fashion, supporting our customers and suppliers in ensuring the safe and environmentally sound handling of our products, and minimizing the impact of our operations on society and the environment during production, storage, transport, use and disposal of our products.