

Safety Data Sheet

Larostat® 902 A Antistat

Revision date : 2015/01/23

Version: 1.0

Page: 1/9

(30085691/SDS_GEN_US/EN)

1. Identification

Product identifier used on the label

Larostat® 902 A Antistat

Recommended use of the chemical and restriction on use

Recommended use*: Raw material

* The "Recommended use" identified for this product is provided solely to comply with a US Federal requirement and is not part of the seller's published specification. The terms of this Safety Data Sheet (SDS) do not create or infer any warranty, express or implied, including by incorporation into or reference in the seller's sales agreement.

Details of the supplier of the safety data sheet

Company:

BASF CORPORATION
100 Park Avenue
Florham Park, NJ 07932, USA

Telephone: +1 973 245-6000

Emergency telephone number

CHEMTREC: 1-800-424-9300
BASF HOTLINE: 1-800-832-HELP (4357)

Other means of identification

Synonyms: ANTISTATIC AGENT

2. Hazards Identification

According to Regulation 2012 OSHA Hazard Communication Standard; 29 CFR Part 1910.1200

Classification of the product

Acute Tox.	4 (oral)	Acute toxicity
Skin Corr./Irrit.	2	Skin corrosion/irritation
Eye Dam./Irrit.	1	Serious eye damage/eye irritation
Carc.	2	Carcinogenicity
Aquatic Acute	2	Hazardous to the aquatic environment - acute
Aquatic Chronic	2	Hazardous to the aquatic environment - chronic

Label elements

Safety Data Sheet

Larostat® 902 A Antistat

Revision date : 2015/01/23
Version: 1.0

Page: 2/9
(30085691/SDS_GEN_US/EN)

Pictogram:



Signal Word:

Danger

Hazard Statement:

H318	Causes serious eye damage.
H315	Causes skin irritation.
H302	Harmful if swallowed.
H351	Suspected of causing cancer.
H401	Toxic to aquatic life.
H411	Toxic to aquatic life with long lasting effects.

Precautionary Statements (Prevention):

P280	Wear protective gloves/protective clothing/eye protection/face protection.
P201	Obtain special instructions before use.
P273	Avoid release to the environment.
P202	Do not handle until all safety precautions have been read and understood.
P270	Do not eat, drink or smoke when using this product.
P264	Wash with plenty of water and soap thoroughly after handling.

Precautionary Statements (Response):

P310	Immediately call a POISON CENTER or doctor/physician.
P305 + P351 + P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P303 + P352	IF ON SKIN (or hair): Wash with plenty of soap and water.
P301 + P330	IF SWALLOWED: rinse mouth.
P332 + P313	If skin irritation occurs: Get medical advice/attention.
P391	Collect spillage.
P362 + P364	Take off contaminated clothing and wash before reuse.

Precautionary Statements (Storage):

P405	Store locked up.
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Precautionary Statements (Disposal):

P501	Dispose of contents/container to hazardous or special waste collection point.
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Hazards not otherwise classified

No specific dangers known, if the regulations/notes for storage and handling are considered.

Labeling of special preparations (GHS):

The following percentage of the mixture consists of components(s) with unknown hazards regarding the acute toxicity: 80 % oral

The following percentage of the mixture consists of components(s) with unknown hazards regarding the acute toxicity: 80 % Inhalation - vapour

The following percentage of the mixture consists of components(s) with unknown hazards regarding the acute toxicity: 80 % Inhalation - mist

The following percentage of the mixture consists of components(s) with unknown hazards regarding the acute toxicity: 100 % dermal

Safety Data Sheet

Larostat® 902 A Antistat

Revision date : 2015/01/23
Version: 1.0

Page: 3/9
(30085691/SDS_GEN_US/EN)

According to Regulation 1994 OSHA Hazard Communication Standard; 29 CFR Part 1910.1200

Emergency overview

WARNING:

Causes eye irritation.

Causes skin irritation.

May cause respiratory irritation.

Ingestion may cause gastrointestinal disturbances.

Use with local exhaust ventilation.

Wear a NIOSH-certified (or equivalent) organic vapour/particulate respirator.

Wear NIOSH-certified chemical goggles.

Wear protective clothing.

Wear chemical resistant protective gloves.

Eye wash fountains and safety showers must be easily accessible.

3. Composition / Information on Ingredients

According to Regulation 2012 OSHA Hazard Communication Standard; 29 CFR Part 1910.1200

<u>CAS Number</u>	<u>Content (W/W)</u>	<u>Chemical name</u>
26545-53-9	10.0 - 30.0 %	Benzenesulfonic acid, dodecyl-, compd. with 2,2'-iminobis[ethanol] (1:1)
68603-42-9	60.0 - 100.0 %	Amides, coco, N,N-bis(hydroxyethyl)

According to Regulation 1994 OSHA Hazard Communication Standard; 29 CFR Part 1910.1200

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4. First-Aid Measures

Description of first aid measures

General advice:

Immediately remove contaminated clothing.

If inhaled:

Keep patient calm, remove to fresh air, seek medical attention.

If on skin:

Wash affected areas thoroughly with soap and water. Seek medical attention.

If in eyes:

Seek medical attention. Wash affected eyes for at least 15 minutes under running water with eyelids held open.

If swallowed:

Immediately rinse mouth and then drink plenty of water, do not induce vomiting, seek medical attention. Never induce vomiting or give anything by mouth if the victim is unconscious or having convulsions.

Safety Data Sheet

Larostat® 902 A Antistat

Revision date : 2015/01/23
Version: 1.0

Page: 4/9
(30085691/SDS_GEN_US/EN)

Most important symptoms and effects, both acute and delayed

Symptoms: The most important known symptoms and effects are described in the labelling (see section 2) and/or in section 11.

Indication of any immediate medical attention and special treatment needed

Note to physician

Treatment: Treat according to symptoms (decontamination, vital functions), no known specific antidote.

5. Fire-Fighting Measures

Extinguishing media

Suitable extinguishing media:
water spray, dry powder, foam

Special hazards arising from the substance or mixture

Hazards during fire-fighting:
harmful vapours

Evolution of fumes/fog. The substances/groups of substances mentioned can be released in case of fire.

Advice for fire-fighters

Protective equipment for fire-fighting:
Firefighters should be equipped with self-contained breathing apparatus and turn-out gear.

Further information:

The degree of risk is governed by the burning substance and the fire conditions. Contaminated extinguishing water must be disposed of in accordance with official regulations.

6. Accidental release measures

Further accidental release measures:

High risk of slipping due to leakage/spillage of product.

Personal precautions, protective equipment and emergency procedures

Use personal protective clothing. Information regarding personal protective measures see, section 8.

Environmental precautions

Do not discharge into drains/surface waters/groundwater.

Methods and material for containment and cleaning up

For small amounts: Pick up with absorbent material (e.g. sand, sawdust, general-purpose binder).
Dispose of absorbed material in accordance with regulations.
For large amounts: Pump off product.
Place absorbed material in the same container as the spilled substance/product for disposal.

7. Handling and Storage

Precautions for safe handling

Safety Data Sheet

Larostat® 902 A Antistat

Revision date : 2015/01/23
Version: 1.0

Page: 5/9
(30085691/SDS_GEN_US/EN)

No special measures necessary if stored and handled correctly.

Conditions for safe storage, including any incompatibilities

Suitable materials for containers: Carbon steel (Iron), epoxy coated

Further information on storage conditions: Keep container tightly closed and dry; store in a cool place.

8. Exposure Controls/Personal Protection

Advice on system design:

Provide local exhaust ventilation to control vapours/mists.

Personal protective equipment

Respiratory protection:

Wear a NIOSH-certified (or equivalent) organic vapour/particulate respirator.

Hand protection:

Chemical resistant protective gloves

Eye protection:

Tightly fitting safety goggles (chemical goggles).

Body protection:

Impermeable protective clothing

General safety and hygiene measures:

Handle in accordance with good industrial hygiene and safety practice. Employees should shower at the end of the shift. Wash soiled clothing immediately.

9. Physical and Chemical Properties

Form:	liquid	
Odour:	mild, of polyol	
Colour:	amber	
pH value:	6 - 8.5	
Boiling point:	> 93 °C	(1,013 hPa)
Flash point:	> 93.3 °C	(ASTM D93)
Autoignition:		No data available.
Vapour pressure:	< 1.3 hPa	(25 °C)
Density:	0.97 g/cm ³	(25 °C)
Relative density:	0.97	(25 °C)
Thermal decomposition:	No data available.	
% volatiles:	< 1 %	
Solubility in water:		soluble

10. Stability and Reactivity

Reactivity

Corrosion to metals:

No corrosive effect on metal.

Safety Data Sheet

Larostat® 902 A Antistat

Revision date : 2015/01/23
Version: 1.0

Page: 6/9
(30085691/SDS_GEN_US/EN)

Chemical stability

Possibility of hazardous reactions

No hazardous reactions when stored and handled according to instructions.
The product is chemically stable.

Conditions to avoid

No conditions known that should be avoided.

Incompatible materials

strong oxidizing agents

Hazardous decomposition products

Decomposition products:

Hazardous decomposition products: No hazardous decomposition products known.

Thermal decomposition:

No data available.

11. Toxicological information

Primary routes of exposure

Routes of entry for solids and liquids are ingestion and inhalation, but may include eye or skin contact. Routes of entry for gases include inhalation and eye contact. Skin contact may be a route of entry for liquefied gases.

Acute Toxicity/Effects

Oral

Type of value: LD50

Species: rat

Value: > 2,000 mg/kg

Skin

Species: rabbit

Result: Irritant.

Method: OECD Guideline 404

Eye

Species: rabbit

Result: Risk of serious damage to eyes.

Chronic Toxicity/Effects

Carcinogenicity

Assessment of carcinogenicity: IARC (International Agency for Research on Cancer) has classified this substance as group 2B (The agent is possibly carcinogenic to humans).

Other Information

The product has not been tested. The statement has been derived from the properties of the individual components.

Symptoms of Exposure

Safety Data Sheet

Larostat® 902 A Antistat

Revision date : 2015/01/23
Version: 1.0

Page: 7/9
(30085691/SDS_GEN_US/EN)

The most important known symptoms and effects are described in the labelling (see section 2) and/or in section 11.

Medical conditions aggravated by overexposure

Data available do not indicate that there are medical conditions that are generally recognized as being aggravated by exposure to this substance/product. See MSDS section 11 - Toxicological information.

12. Ecological Information

Toxicity

Toxicity to fish

LC50 (96 h) 1 - 10 mg/l, Brachydanio rerio

Aquatic invertebrates

EC50 (48 h) 1 - 10 mg/l

Aquatic plants

EC50 (96 h) 1 - 10 mg/l

Microorganisms/Effect on activated sludge

Toxicity to microorganisms

Inhibition of degradation activity in activated sludge is not to be anticipated during correct introduction of low concentrations.

Persistence and degradability

Assessment biodegradation and elimination (H2O)

The substance is expected to be readily biodegradable.

Elimination information

> 70 % BOD of the ThOD (OECD 301D; EEC 92/69, C.4-E) Readily biodegradable.

Additional information

Other ecotoxicological advice:

The product has not been tested. The statement has been derived from the properties of the individual components.

13. Disposal considerations

Waste disposal of substance:

Dispose of in accordance with national, state and local regulations. It is the waste generator's responsibility to determine if a particular waste is hazardous under RCRA.

Container disposal:

Dispose of in a licensed facility. Recommend crushing, puncturing or other means to prevent unauthorized use of used containers.

Safety Data Sheet

Larostat® 902 A Antistat

Revision date : 2015/01/23
Version: 1.0

Page: 8/9
(30085691/SDS_GEN_US/EN)

14. Transport Information

Land transport
USDOT

Not classified as a dangerous good under transport regulations

Sea transport
IMDG

Not classified as a dangerous good under transport regulations

Air transport
IATA/ICAO

Not classified as a dangerous good under transport regulations

15. Regulatory Information

Federal Regulations

Registration status:

Chemical TSCA, US released / listed

EPCRA 311/312 (Hazard categories): Acute; Chronic

State regulations

CA Prop. 65:

WARNING: THIS PRODUCT CONTAINS A CHEMICAL(S) KNOWN TO THE STATE OF CALIFORNIA TO CAUSE CANCER.

NFPA Hazard codes:

Health : 3 Fire: 2 Reactivity: 0 Special:

HMIS III rating

Health: 2 Flammability: 1 Physical hazard: 0

16. Other Information

SDS Prepared by:

BASF NA Product Regulations

SDS Prepared on: 2015/01/23

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.

Safety Data Sheet

Larostat® 902 A Antistat

Revision date : 2015/01/23
Version: 1.0

Page: 9/9
(30085691/SDS_GEN_US/EN)

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