

Issue Date 10-Jun-2020

Revision Date 10-Jun-2020

Version 1

1. IDENTIFICATION

Product identifier

Product Name Bostex 614

Other means of identification

Product Code BOSTEX 614

Synonyms Ammonium Laurate Solution

Recommended use of the chemical and restrictions on use

Recommended Use No data available.

Uses advised against No data available

Details of the supplier of the safety data sheet

Supplier Address

Akron Dispersions, Inc.
3291 Sawmill Road
P.O. Box 4195
Akron, OH 44321

Emergency telephone number

Company Phone Number 330-666-0045

Emergency Telephone Chemtrec 1-800-424-9300 (Within USA and Canada)

2. HAZARDS IDENTIFICATION

Classification

OSHA Regulatory Status

This chemical is considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)

Skin corrosion/irritation	Category 2
Serious eye damage/eye irritation	Category 2A

Label elements

Emergency Overview

Not classified

Hazard statements

May be harmful if swallowed
Causes skin irritation
Causes serious eye irritation



Appearance Clear to pale yellow

Physical state liquid

Odor Ammoniacal

Precautionary Statements - Prevention

Wash face, hands and any exposed skin thoroughly after handling
Use personal protective equipment as required

Precautionary Statements - Response

Avoid contact with eyes. In case of eye contact, rinse immediately with plenty of water and seek medical advice.
If skin irritation occurs: Get medical advice/attention

Hazards not otherwise classified (HNOC)

Not applicable

Other Information

Harmful to aquatic life

3. COMPOSITION/INFORMATION ON INGREDIENTS**Substance****Synonyms**

Ammonium Laurate Solution.

Chemical Name	CAS No	Weight-%	Trade Secret
Lauric Acid	143-07-7	19-23	*
Ammonium hydroxide	1336-21-6	1-3	*

*The exact percentage (concentration) of composition has been withheld as a trade secret.

4. FIRST AID MEASURES**Description of first aid measures****Eye contact**

In the case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

Skin contact

Wash off immediately with soap and plenty of water. If skin irritation persists, call a physician.

Inhalation

Remove to fresh air. If breathing is difficult seek medical attention.

Ingestion

Call a physician.

Most important symptoms and effects, both acute and delayed**Symptoms**

Prolonged exposure may cause burns to skin and eyes or respiratory tract irritation.

Indication of any immediate medical attention and special treatment needed**Note to physicians**

Treat symptomatically.

5. FIRE-FIGHTING MEASURES**Suitable extinguishing media**

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. Dry chemical, CO2 or water spray.

Unsuitable extinguishing media Caution: Use of water spray when fighting fire may be inefficient.

Specific hazards arising from the chemical

The product causes irritation of eyes, skin and mucous membranes.

Hazardous combustion products Ammonia. Hydrogen. Nitrogen gases.

Explosion data

Sensitivity to Mechanical Impact No data available.

Sensitivity to Static Discharge No data available.

Protective equipment and precautions for firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

6. ACCIDENTAL RELEASE MEASURES**Personal precautions, protective equipment and emergency procedures**

Personal precautions Avoid contact with eyes and skin. Evacuate personnel to safe areas. Use personal protective equipment as required. Ensure adequate ventilation, especially in confined areas. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing.

Environmental precautions

Environmental precautions Do not allow material to be released to the environment.

Methods and material for containment and cleaning up

Methods for containment Absorb with earth, sand or other non-combustible material and transfer to containers for later disposal.

Methods for cleaning up Sweep up and shovel into suitable containers for disposal.

7. HANDLING AND STORAGE**Precautions for safe handling**

Advice on safe handling Use personal protective equipment as required.

Conditions for safe storage, including any incompatibilities

Storage Conditions Store away from incompatible materials. Keep in a dry, cool and well-ventilated place. Keep from freezing.

Incompatible materials Acids. Hypochlorites. Sodium hydroxide. Bronze. Galvanized surfaces. Copper. Gold. Brass. Aluminum alloys. Mercury. Silver.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION**Control parameters**

Exposure Limits This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.

Appropriate engineering controls

Engineering Controls Showers
Eyewash stations
Ventilation systems.

Individual protection measures, such as personal protective equipment

Eye/face protection	Wear safety glasses with side shields (or goggles). Avoid contact with eyes.
Skin and body protection	Wear protective gloves and protective clothing.
Respiratory protection	Ensure adequate ventilation, especially in confined areas. If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Positive-pressure supplied air respirators may be required for high airborne contaminant concentrations. Respiratory protection must be provided in accordance with current local regulations.

General Hygiene Considerations Handle in accordance with good industrial hygiene and safety practice.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Physical state	liquid	Odor	Ammoniacal
Appearance	Clear to pale yellow	Odor threshold	No data available
Color	Clear to pale yellow		

<u>Property</u>	<u>Values</u>	<u>Remarks • Method</u>
pH	9-11	
Melting point/freezing point	No data available	
Boiling point / boiling range	No data available	
Flash point	No data available	
Evaporation rate	No data available	
Flammability (solid, gas)	No data available	
Flammability Limit in Air		
Upper flammability limit:	No data available	
Lower flammability limit:	No data available	
Vapor pressure	No data available	
Vapor density	No data available	
Relative density	No data available	
Water solubility	No data available	
Solubility in other solvents	No data available	
Partition coefficient	No data available	
Autoignition temperature	No data available	
Decomposition temperature	No data available	
Kinematic viscosity	No data available	
Dynamic viscosity	No data available	
Explosive properties	No data available	
Oxidizing properties	No data available	

Other Information

Softening point	No data available
Molecular weight	No data available
VOC Content (%)	No data available
Density	No data available
Bulk density	No data available

10. STABILITY AND REACTIVITY

Reactivity

No data available

Chemical stability

Stable under normal conditions.

Possibility of Hazardous Reactions

None under normal processing.

Conditions to avoid

Incompatible materials. Extremes of temperature and direct sunlight.

Incompatible materials

Acids. Hypochlorites. Sodium hydroxide. Bronze. Galvanized surfaces. Copper. Gold. Brass. Aluminum alloys. Mercury. Silver.

Hazardous Decomposition Products

Ammonia. Hydrogen. Nitrogen gases.

11. TOXICOLOGICAL INFORMATION**Information on likely routes of exposure**

Product Information	No data available
Inhalation	No data available.
Eye contact	No data available.
Skin contact	No data available.
Ingestion	No data available.

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Lauric Acid 143-07-7	= 12 g/kg (Rat)	-	-
Ammonium hydroxide 1336-21-6	= 350 mg/kg (Rat)	-	-

Information on toxicological effects

Symptoms No data available.

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Sensitization	No data available.
Germ cell mutagenicity	No data available.
Carcinogenicity	No data available.
Reproductive toxicity	No data available.
STOT - single exposure	No data available.
STOT - repeated exposure	No data available.
Aspiration hazard	No data available.

Numerical measures of toxicity - Product Information**12. ECOLOGICAL INFORMATION****Ecotoxicity**

Chemical Name	Algae/aquatic plants	Fish	Crustacea
Lauric Acid 143-07-7	-	5: 96 h Oryzias latipes mg/L LC50 semi-static	-
Ammonium hydroxide 1336-21-6	-	8.2: 96 h Pimephales promelas mg/L LC50	0.66: 48 h water flea mg/L EC50 0.66: 48 h Daphnia pulex mg/L

EC50

Persistence and degradability

No data available.

Bioaccumulation

No data available.

Chemical Name	Partition coefficient
Lauric Acid 143-07-7	4.2

Other adverse effects

No data available

13. DISPOSAL CONSIDERATIONS**Waste treatment methods****Disposal of wastes**

Disposal should be in accordance with applicable regional, national and local laws and regulations.

Contaminated packaging

Do not reuse container.

Chemical Name	California Hazardous Waste Status
Ammonium hydroxide 1336-21-6	Toxic Corrosive

14. TRANSPORT INFORMATION**DOT**

Not regulated

IATA

Not regulated

IMDG

Not regulated

15. REGULATORY INFORMATION**International Inventories****TSCA**

Listed

Legend:

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory
DSL/NDL - Canadian Domestic Substances List/Non-Domestic Substances List
EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances
ENCS - Japan Existing and New Chemical Substances
IECSC - China Inventory of Existing Chemical Substances
KECL - Korean Existing and Evaluated Chemical Substances
PICCS - Philippines Inventory of Chemicals and Chemical Substances
AICS - Australian Inventory of Chemical Substances

US Federal Regulations**SARA 313**

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product contains a chemical

or chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

Chemical Name	SARA 313 - Threshold Values %
Ammonium hydroxide - 1336-21-6	1.0

SARA 311/312 Hazard Categories

Acute health hazard	No data available
Chronic Health Hazard	No data available
Fire hazard	No
Sudden release of pressure hazard	No
Reactive Hazard	No

CWA (Clean Water Act)

This product contains the following substances which are regulated pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

Chemical Name	CWA - Reportable Quantities	CWA - Toxic Pollutants	CWA - Priority Pollutants	CWA - Hazardous Substances
Ammonium hydroxide 1336-21-6	1000 lb	-	-	X

CERCLA

This material, as supplied, contains one or more substances regulated as a hazardous substance under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302)

Chemical Name	Hazardous Substances RQs	CERCLA/SARA RQ	Reportable Quantity (RQ)
Ammonium hydroxide 1336-21-6	1000 lb	-	RQ 1000 lb final RQ RQ 454 kg final RQ

US State Regulations**California Proposition 65**

This product does not contain any Proposition 65 chemicals

U.S. State Right-to-Know Regulations

Chemical Name	New Jersey	Massachusetts	Pennsylvania
Water 7732-18-5	-	-	X
Ammonium hydroxide 1336-21-6	X	X	X

U.S. EPA Label Information

EPA Pesticide Registration Number Not applicable

16. OTHER INFORMATION, INCLUDING DATE OF PREPARATION OF THE LAST REVISION
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NFPA	Health hazards 2	Flammability 0	Instability 0	Physical and Chemical Properties -
HMIS	Health hazards 2	Flammability 0	Physical hazards 0	Personal protection F

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Revision Note

No data available

Disclaimer

The information provided in this Material Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

End of Safety Data Sheet