



SECTION 1: Identification

Product identifier: Ally

Other means of identification: One-Step Disinfectant

SDS number: 168

EPA number: 1839-86-7116

Recommended use: One-Step Disinfectant

Recommended restrictions: Not for personal care

Manufacturer/Importer/Supplier/Distributor information

Company name: U.N.X. Incorporated
Address: 707 Arlington Blvd
 Greenville, NC 27858
Telephone: Office hour (Mon-Fri)
 8:00a.m. – 4:00p.m. (Eastern Time)
 OFFICE NUMBER: 252-756-8616
E-mail: unx@unxinc.com
Emergency phone number: CHEMTEL (800) 255-3924 (24 HOURS)

SECTION 2: Hazard(s) identification

Classification of the substance or mixture:

Physical hazards	Not classified
Health hazards	
Acute toxicity; Oral:	Category 4
Skin corrosion/irritation:	Category 1C
Serious eye damage/eye irritation:	Category 1

Label elements:



Signal word: Danger

Hazard statements

H301	Harmful if swallowed.
H314	Causes severe skin burns and eye damage.
H318	Causes serious eye damage.

SECTION 2: Hazard(s) identification (continued)**Precautionary statements****Prevention**

- P101 If medical advice is needed, have product container or label at hand.
 P102 Keep out of reach of children.
 P103 Read label before use.
 P260 Do not breathe mist or vapor.
 P264 Wash hands, arms, face and exposed skin thoroughly after handling.
 P270 Do not eat, drink or smoke when using this products.
 P280 Wear protective gloves/protective clothing/eye protection/face protection.

Response:

- P301+330+331 IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician if you feel unwell. Rinse mouth. Do NOT induce vomiting.
 P303+361+353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.
 P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.
 P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
 P362+P364 Take off contaminated clothing and wash it before reuse.

Storage:

- P405 Store locked up.

Disposal:

- P501 Dispose of contents/container in accordance with local/ regional/ national/ international Regulations.

Hazard(s) not otherwise classified (HNOC) None known.

SECTION 3: Composition/information on ingredients**Substance/Mixtures**

Chemical name	CAS Number	Concentration (%)
Water	7732-18-5	88-92
Alkyl dimethyl benzyl ammonium chloride (C12-18)	68391-01-5	4-6
Alkyl dimethyl ethylbenzyl ammonium chloride (68% C12, 32% C14)	85409-23-0	4-6

SECTION 4: First-aid measures

Description of first aid measures:

Non-emergency personnel

General advice: safely remove victims from the danger zone. Provide emergency services with this safety data sheet.

Eye contact: rinse eye with plenty of water for at least 15 minutes. Call poison control or get medical attention immediately.

Skin contact: rinse immediately with plenty of water. Call poison control or get medical attention immediately. Chemical burns must be treated by a medical professional.

Ingestion: rinse mouth with plenty of water. Do not give anything by mouth to an unconscious person. Do not induce vomiting. Get medical attention immediately.

Inhalation: bring victim out to fresh air. If the person is conscious, call poison control or doctor for treatment advice. If the person is not breathing, get medical attention immediately.

Emergency personnel

Personal Protection: refer to Section 8 for specific personal protective equipment

Notes to physician: the concentration and length of exposure impacts the severity of the symptoms.

Most important symptoms/effects, acute and delayed:

Refer to Section 2 for hazards and Section 11 for information on health effects and symptoms. Treat symptomatically.

Indication of immediate medical attention and special treatment needed, if necessary: provide general supportive measures. Eye contact, inhalation, and ingestion cases should be treated immediately. Have procedures and facilities in place to treat these cases of exposure.

SECTION 5: Fire-fighting measures

Suitable extinguishing media: Water fog, foam, dry chemical powder, or carbon dioxide (CO₂).

Unsuitable extinguishing media: Do not use water jet as this can spread the fire. Do not use carbon dioxide in enclosed spaces with insufficient ventilation.

Specific hazards arising from the chemical: Packaging materials will be combustible and provide fuel for the fire. In the event of fire and/or explosion do not breathe fumes.

Special protective equipment and precautions for fire-fighters: In the event of a fire, wear full protective clothing and NIOSH-approved self-contained breathing apparatus with full face piece operated in the pressure demand or other positive pressure mode. During fire-fighting respirator with independent air-supply and airtight garment is required. Fight fire in early stages if safe to do so. Containers at risk of fire should be cooled with water and, if possible removed from the danger area. Do not allow contaminated extinguishing water to enter the soil, ground-water or surface waters.

SECTION 6: Accidental release measures

Personal precautions, protective equipment and emergency procedures: ventilate and restrict access to the area of leak or spill. Have emergency procedures in place for treating incidents, evacuation and informing the emergency services. Refer to Section 8 for personal protective equipment.

Environment precautions: clean up spills/leaks immediately and prevent it from spreading. Large or uncontrolled spills to water systems must be reported to appropriate regulatory body.

Methods and materials for containment and cleaning up: absorb spills with non-combustible absorbent. Dam and absorb with sand, earth or other inert material for large spills/leaks. Collect spillage in containers with labeled contents and dispose according to local regulations. Flush the contaminated area with lots of water.

SECTION 7: Handling and storage

Precautions for safe handling: Refer to Section 8 for personal protective equipment. Do not eat, drink, or smoke when handling the product. Avoid skin and eye contact. Follow general hygiene routines after working with the product. When handling large amounts of the product, be sure to have a safety shower nearby.

Conditions for safe storage: store in a suitable, closed and labeled container upright at temperature between 40°F and 100°F in a well-ventilated area. Opened containers must be properly resealed to avoid spillage. Store away from heat, direct sunlight and moisture. It is preferred to keep the container on sump pallets. Store in high-density polyethylene containers. See Section 10 for incompatible materials.

SECTION 8: Exposure control/personal protection

Control Parameters

Occupational exposure limits

No ingredients listed in this section.

Appropriate engineering controls/ventilation system:

A general exhaust system is recommended to keep employee exposures below the limits. An additional local exhaust system is preferred in order to control emissions at its source.

Personal Protective Equipment (PPE)

Respiratory Protection: A NIOSH approved full-face respirator with high efficiency dust/mist filter is recommended. For emergencies or when dealing with unknown exposure measures, use a full-face piece positive-pressure, air-supplied respirator fitted with a suitable cartridge for the chemical. Consult respirator supplier regarding the compatibility of the equipment.

CAUTION: Air purifying respirators do not protect the user in oxygen deficient atmospheres, use an air supply system.

SECTION 8: Exposure control/personal protection (continued)

Hand Protection: impervious gloves, with suitable protection for workplace, are recommended any time the product is being handled. Consult glove supplier for details on suitability, breakthrough time and permeability. Frequent change of the glove is advisable. Be aware that latex gloves can trigger an allergic reaction to sensitive individuals.

Eye Protection: use chemical safety goggles and/or full-face shield when handling the product.

Skin/Body Protection: wear impervious protective clothing, boots, gloves, lab coat, apron or coveralls, as appropriate, to prevent skin contact. Take additional precaution if handling amounts past the exposure limits.

Thermal Hazard: wear thermal protective clothing when necessary

General Hygiene: change out of clothes, thoroughly wash your hands and clothes, and shower/bathe as soon as possible. Do not eat, drink, smoke or use the bathroom while handling the product.

Other Protective Measures: have an eye wash and safety shower station close by. Routinely wash all equipment to remove contaminants.

SECTION 9: Physical and chemical properties

Appearance:	Liquid
Colour:	Clear liquid
Odour:	Mild Odor
Odour Threshold:	No data available
pH:	6-8
Melting point/range:	No data available
Boiling point/range:	No data available
Flash point:	No data available
Evaporation rate:	No data available
Flammability (solid, gas):	No data available
Upper/lower flammability of explosive limits:	No data available
Vapour pressure (mm Hg):	No data available
Vapour density (Air=1):	No data available
Relative density:	No data available
Solubility(ies):	Excellent in warm water
Partition coefficient (n-octanol/water):	No data available
Auto-ignition temperature:	No data available
Decomposition temperature:	No data available
Viscosity, dynamic:	25

Other Information: This product contains no phosphates.

SECTION 10: Stability and reactivity

Reactivity: No hazardous reactions are known under normal storage conditions and if handled according to standard industrial practices.

Chemical Stability: Stable if under normal storage conditions and handled according to standard industrial practices.

Possibility of hazardous reactions: Hazardous polymerization will not occur.

Conditions to avoid: No hazardous conditions are known.

Incompatible materials: Strong oxidizing agents, combustible materials and flammable materials.

Hazardous Decomposition Products: None are known based on provided information.

SECTION 11: Toxicological information

Acute toxicity: Toxicological testing has not been conducted with this material. The toxicology information listed below is based on the components of this material.

Category 4- Oral Harmful if swallowed.

Mixture of ADBAC/ADEBAC* – ATE (Acute Toxicity Estimate)		
Oral LD ₅₀ 344 mg/kg (Rat)	Inhalation LC ₅₀ 0.054 – 0.51 mg/L	Dermal LD ₅₀ > 2000 mg/kg (Rabbit)

*Alkyl dimethyl benzyl ammonium chlorides / Alkyl dimethyl ethylbenzyl ammonium chlorides

Skin Corrosion/ irritation: Category 1: Causes severe skin burns and eye damage.

Serious eye damage/irritation: Category 1: Causes serious eye damage.

Respiratory sensitization: No information available.

Skin sensitization: This mixture is not expected to cause skin sensitization.

Germ cell mutagenicity: Classification not possible.

Carcinogenicity: No product components are considered to be a carcinogen by IARC, ACGIH, NTP, or OSHA.

Reproductive toxicity: This product is not expected to cause reproductive or developmental effects.

Specific Target Organ Toxicity - Single Exposure: No information available.

Aspiration hazard: No information available.

SECTION 12: Ecological information

Aquatic ecotoxicity: No data available for this product. Ecotoxicological studies of the product are not available.

Persistence and degradability: No data available for this product.

Bioaccumulative potential: No data available for this product.

Mobility in soil: No data available for this product.

Other adverse effects: No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this component.

SECTION 13: Disposal considerations

General information

Do not allow unauthorized disposal to the environment. If operators are exposed to vapors during the disposal process then suitable respiratory protection should be worn. All other personal protective equipment as described in section 8 should be worn.

Disposal methods:

Avoid unauthorized disposal. Do not dump into any sewers, on the ground, or into any body of water. All disposal practices must be in compliance with federal, state/provincial and local laws and regulations. In case of spill, dike, collect and contact local authorities about disposal.

SECTION 14: Transport information

UN Number:	Not available
UN Proper Shipping Name:	Not applicable
Transport hazard class(es):	
DOT Hazard Class:	Not available
DOT Subsidiary Hazard Class:	Not available
Packing group, if available:	Not available
Environmental Hazards:	Not available
Special precautions for user:	Not DOT regulated.

Transport in bulk according to Annex II of MARPOL 73/78³ and the IBC Code ³: Not applicable

SECTION 15: Regulatory information

Safety, health and environmental regulations/legislation specific for the substance or mixture

Unless otherwise noted, no components are SARA TITLE 3 SECTION 313 40 CFR listed materials.

The ingredients of this product are listed on the TSCA inventory.

US federal regulations: This product is U.S. EPA registered pesticide. This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

CERCLA Hazardous Substance List (40 CFR 302.4) Not listed.

US. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050) Not listed.

Superfund Amendments and Reauthorization Act of 1986 (SARA)

Hazard categories
Immediate Hazard – Yes
Delayed Hazard – No
Fire Hazard – No
Pressure Hazard – No
Reactivity Hazard – No

SARA 302 Extremely hazardous substance No
SARA 311/312 Hazardous chemical No
SARA 313 (TRI reporting) Not regulated.

Other federal regulations

Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List Not regulated.

Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130) Not regulated.

Safe Drinking Water Act (SDWA) Not regulated.

SECTION 16: Other information including date of preparation or last revision

Chemical State: Liquid Issue Date: 05-26-2015
Chemical Type: Mixture Revision Date: 04-21-2020
Version #: 05

2	Health
0	Flammability
0	Physical Hazard
B	Personal Protection

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