

SDS: 0047174

Date Prepared: 06/11/2020

SAFETY DATA SHEET

1. IDENTIFICATION

Product Name: ADDITOL® LED 01

Synonyms: None

Product Description: Mixture of Acrylated resin and Mercapto derivative

Molecular Formula: Mixture **Molecular Weight:** Mixture

Intended/Recommended Use: Binder, - This product should not be used in consumer applications such as food

packaging or cosmetic applications

Allnex USA Inc., 9005 Westside Parkway, Alpharetta, Georgia 30009, USA

For Product and all Non-Emergency Information call your local Allnex contact point or contact us at http://www.allnex.com/contact

EMERGENCY PHONE (24 hours/day) - For emergency only involving spill, leak, fire, exposure or accident call:

+1-866-928-0789 (toll free) or +1-215-207-0061 (Carechem 24 - Allnex29003-NCEC) See Section 16 for Emergency phone numbers for other regions.

Trademarks indicated with ®, TM or * as well as the allnex name and logo are registered, unregistered or pending trademarks of Allnex Netherlands BV or its directly or indirectly affiliated allnex Group companies.

2. HAZARDS IDENTIFICATION

GHS Classification

Skin Corrosion / Irritation Hazard Category 2 Serious Eye Damage / Eye Irritation Hazard Category 2A Skin Sensitizer Hazard Category 1A Aquatic Environment Acute Hazard Category 1 Aquatic Environment Chronic Hazard Category 1

LABEL ELEMENTS



Signal Word WARNING

Hazard Statements

Causes skin irritation
Causes serious eye irritation
May cause an allergic skin reaction
Very toxic to aquatic life

ADDITOL® LED 01 SDS: 0047174 Date Prepared: 06/11/2020 Page 2 of 12

Very toxic to aquatic life with long lasting effects

Precautionary Statements

Wash face, hands and any exposed skin thoroughly after handling.

Wear protective gloves/protective clothing/eye protection/face protection.

Avoid breathing dust/fume/gas/mist/vapours/spray.

Contaminated work clothing should not be allowed out of the workplace.

Avoid release to the environment.

IF ON SKIN: Wash with plenty of soap and water.

Specific treatment (see supplemental first aid instructions on this label).

Take off contaminated clothing and wash it before reuse.

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do.

Continue rinsing.

If eye irritation persists: Get medical advice/attention.

If skin irritation or rash occurs: Get medical advice/attention.

Collect spillage.

Dispose of contents/container in accordance with local and national regulations.

Hazards Not Otherwise Classified (HNOC), Other Hazards

Polymerization may occur from excessive heat, contamination or exposure to direct sunlight.

3. COMPOSITION/INFORMATION ON INGREDIENTS

HAZARDOUS INGREDIENTS

20 - 30	Eye Irrit. 2A (H319)
	0 0
	Skin Sens. 1B (H317)
20 - 30	Eye Irrit. 2A (H319)
	Skin Sens. 1B (H317)
< 25	Acute Tox. 4 (H302)
	Skin Sens. 1A (H317)
	Aquatic Acute 1 (H400)
	Aquatic Chronic 1 (H410)
40 - 50	Skin Irrit 2 (H315)
	Eye Irrit. 2A (H319)
	< 25

The specific chemical identity and/or exact percentage of composition for one or more ingredients has been withheld as a trade secret.

Additional GHS classification or other information may be included in this section but has not been adopted by OSHA. See Section 16 for full text of H phrases.

4. FIRST AID MEASURES

First-aid Measures

Inhalation:

Remove to fresh air. If breathing is difficult, give oxygen. Obtain medical advice if there are persistent symptoms.

Skin Contact:

Flush with a continuous flow of lukewarm water for 20 minutes or until material is removed. Wash with plenty of water and soap. Remove contaminated clothing and shoes without delay. Obtain medical attention if symptoms persist. Do not reuse contaminated clothing without laundering. Destroy or thoroughly clean shoes before reuse.

ADDITOL® LED 01 SDS: 0047174 Date Prepared: 06/11/2020 Page 3 of 12

Eye Contact:

Rinse immediately with plenty of water for at least 15 minutes. Obtain medical advice if there are persistent symptoms.

Ingestion:

If swallowed, call a physician immediately. Only induce vomiting at the instruction of a physician. Never give anything by mouth to an unconscious person.

Most Important Symptoms and Effects, Acute and Delayed

None known.

Immediate Medical Attention and Special Treatment

In all cases of doubt, or when symptoms persist, seek medical attention. Never give anything by mouth to an unconscious person.

Notes To Physician:

No specific measures have been identified.

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media:

Use water spray or fog, carbon dioxide or dry chemical.

Unsuitable Extinguishing Media:

high pressure water jet.

Protective Equipment:

Firefighters, and others exposed, wear self-contained breathing apparatus. Wear full firefighting protective clothing. See SDS Section 8 (Exposure Controls/Personal Protection).

Special Hazards:

Keep containers cool by spraying with water if exposed to fire.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions:

Where exposure level is not known, wear approved, positive pressure, self-contained respirator. Where exposure level is known, wear approved respirator suitable for level of exposure. In addition to the protective clothing/equipment in Section 8 (Exposure Controls/Personal Protection), wear impermeable boots.

Methods For Cleaning Up:

Cover spills with some inert absorbent material; sweep up and place in a waste disposal container. Flush spill area with water.

Environmental Precautions:

Use appropriate containment to avoid environmental contamination. Avoid release to the environment.

References to other sections:

See Sections 7, 8 and 13 for additional information.

7. HANDLING AND STORAGE

HANDLING

Precautions: Avoid release to the environment. Wash hands thoroughly after handling. Contaminated work clothing should not be allowed out of the workplace. Wear protective gloves and eye/face protection.

ADDITOL® LED 01 SDS: 0047174 Date Prepared: 06/11/2020 Page 4 of 12

Special Handling Statements: Provide good ventilation of working area (local exhaust ventilation if necessary). Avoid excessive heat, contamination or exposure to direct sunlight to prevent polymerization.

STORAGE

Store in a cool, dry, well ventilated place and keep container tightly closed. Keep away from heat sources and direct sunlight.

Storage Temperature: Store at 4 - 40 °C 39.2 - 104 °F

Reason: Quality.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Measures:

Where this material is not used in a closed system, good enclosure and local exhaust ventilation should be provided to control exposure when spraying or curing at elevated temperatures.

Respiratory Protection:

For operations where inhalation exposure can occur use an approved respirator. Recommendations are listed below. Other protective respiratory equipment may be used based on user's own risk assessment. Recommended respirators include those certified by NIOSH.

Recommended:

Full Face Mask with organic vapor cartridge, Type A filter (BP >65°C)

Eye Protection:

Wear eye/face protection such as chemical splash proof goggles or face shield. Eyewash equipment and safety shower should be provided in areas of potential exposure.

Skin Protection:

Avoid skin contact. Wear impermeable gloves and suitable protective clothing. Barrier creams may be used in conjunction with the gloves to provide additional skin protection.

Hand Protection:

Wear protective gloves. Recommendations are listed below. Other protective materials may be used based on user's own risk assessment. Barrier creams may help to protect the exposed areas of the skin, they should however not be applied once exposure has occurred. Replace gloves immediately when torn or any change in appearance (dimension, color, flexibility etc.) is noticed.

Gloves for repeated or prolonged exposure - non exhaustive list:

Nitrile rubber (NBR), thickness: > 0.56 mm, break through time: up to 480 min

Gloves for short term exposure/splash protection - non exhaustive list:

Nitrile rubber (NBR), thickness: 0.1 mm, break through time: up to 30 min

The chemical resistance depends on the type of product and amount of product on the glove. Therefore gloves need to be changed when in contact with chemicals.

Not suitable gloves - non exhaustive list:

Latex gloves

Due to many conditions (e.g. temperature, abrasion) the practical usage of a chemical protective glove in practice may be much shorter than the permeation time determined through testing. Use PE gloves as under gloves for difficult situations like for instance: high exposure, unknown composition or unknown properties of the chemicals.

Additional Advice:

Food, beverages, and tobacco products should not be carried, stored, or consumed where this material is in use. Before eating, drinking, or smoking, wash face and hands thoroughly with soap and water.

ADDITOL® LED 01 SDS: 0047174 Date Prepared: 06/11/2020 Page 5 of 12

Exposure Limit(s)

No values have been established.

Biological Exposure Limit(s)

No values have been established.

9. PHYSICAL AND CHEMICAL PROPERTIES

Color: pink liquid Odor: acrylate Soiling Point: > 200 °C Not available

Vapor Pressure: < 1.33 hPa @ 20 °C

Specific Gravity/Density: 1.1685 g/cm³
Vapor Density: Not available
Percent Volatile (% by wt.): Not available
pH: Not available
Saturation In Air (% By Vol.): Not available
Evaporation Rate: Not available

Saturation In Air (% By Vol.):

Evaporation Rate:

Solubility In Water:

Volatile Organic Content:

Not available
Insoluble
Not available

Flash Point: (polymerized at 150 °C) Not applicable

Flammable Limits (% By Vol):
Autoignition Temperature:
Decomposition Temperature:
Not available
Not available
Not available
Not available

(n-octanol/water):

Odor Threshold:

Viscosity (Kinematic):

Viscosity (Dynamic):

Not available

Not available

Low viscous liquid

Explosive Properties: None. **Oxidizing Properties:** No

10. STABILITY AND REACTIVITY

Reactivity: No information available

Stability: Stable.

Conditions To Avoid: Avoid contact with bases. Avoid direct exposure to sunlight. Avoid exposure to

excessive heat, UV light. Avoid temperatures above 60°C (140°F). Protect from heat and direct sunlight. Avoid friction with temperature increase as result. Loss of

dissolved air. Loss of polymerization inhibitor.

Polymerization: May occur

Conditions To Avoid: Uncontrolled polymerization may cause rapid evolution of heat and increase in

pressure that could result in violent rupture of sealed storage vessels or containers Hazardous polymerization can occur when exposed to direct sunlight. Hazardous

exothermic polymerization can occur when heated. Peroxides, free radical

ADDITOL® LED 01 SDS: 0047174 Date Prepared: 06/11/2020 Page 6 of 12

initiators, strong alkalies. Avoid contact with bases or amines. Keep away from

heat sources and direct sunlight.

Materials To Avoid: Strong oxidizing agents and strong bases.

Peroxides

Free radical initiators.

Avoid contact with reactive metals.

They give an exothermic reaction with the product. Unintentional contact with them should be avoided.

Hazardous Decomposition

Carbon dioxide

Products:

Carbon monoxide (CO)

oxides of sulfur (includes sulfur di and tri oxides)

11. TOXICOLOGICAL INFORMATION

Likely Routes of Exposure: Skin, Eyes, Oral.

Acute toxicity - oral: Not Classified - Based on available data and/or professional judgment, the classification

criteria are not met.

Acute toxicity - dermal: Not Classified - Based on available data and/or professional judgment, the

classification criteria are not met.

Acute toxicity - inhalation: Not Classified - Based on available data and/or professional judgment, the

classification criteria are not met.

Skin corrosion / irritation: Causes skin irritation

Serious eye damage / eye irritation: Causes serious eye irritation

Respiratory sensitization: Not Classified - Based on available data and/or professional judgment, the

classification criteria are not met.

Skin sensitization: May cause an allergic skin reaction

Carcinogenicity: Not Classified - Based on available data and/or professional judgment, the classification

criteria are not met.

Germ cell mutagenicity: Not Classified - Based on available data and/or professional judgment, the

classification criteria are not met.

Reproductive toxicity: Not Classified - Based on available data and/or professional judgment, the

classification criteria are not met.

Specific target organ toxicity (STOT) - single exposure: Not Classified. - Based on available data and/or

professional judgment, the classification criteria are not met.

Specific target organ toxicity (STOT) - repeated exposure: Not Classified. - Based on available data and/or

professional judgment, the classification criteria are not met.

Aspiration hazard: Not Classified - Based on available data and/or professional judgment, the classification

criteria are not met.

PRODUCT TOXICITY INFORMATION

ACUTE TOXICITY DATA

oral rat Acute LD50 > 2000 mg/kg
dermal rabbit Acute LD50 > 2000 mg/kg
inhalation rat Acute LC50 4 hr > 5 mg/l (Dust/Mist)

ADDITOL® LED 01 SDS: 0047174 Date Prepared: 06/11/2020 Page 7 of 12

Acute Irritation dermal Not irritating
Acute Irritation eye Irritating

ALLERGIC SENSITIZATION

Sensitization Skin Sensitizing
Sensitization respiratory No data

GENOTOXICITY

Assays for Gene Mutations

Ames Salmonella Assay No data

OTHER INFORMATION

THIS PRODUCT CONTAINS A NITROSAMINE COMPOUND: A structurally similar nitrosamine compound is reported to cause cancer in laboratory animals and may cause adverse effects to the blood, liver, spleen and kidney. Absorption of this compound into the body could cause the same adverse effects. However, based on the very low water solubility of this compound, it is unlikely absorption into the body will result in such effects.

The product toxicity information above has been estimated.

The toxicological properties of this material have not been fully determined.

Prolonged or repeated contact with skin or mucous membrane may result in irritation symptoms such as redness, blistering, dermatitis, etc.

The inhalation of airborne droplets or aerosols may cause irritation of the respiratory tract.

HAZARDOUS INGREDIENT TOXICITY DATA

Ethoxylated trimethylolpropane triacrylate has an acute dermal (rabbit) LD50 value of > 13 g/kg. Direct contact with this material may cause moderate eye and minimal skin irritation. Repeated or prolonged skin contact may cause allergic skin reactions. Results from in vitro mutagenicity tests are mixed. This substance was not mutagenic in the Ames Salmonella Assay, however, it was mutagenic in various cell culture systems (i.e. Mouse lymphoma Assay). An in vivo mouse micronucleus study, designed to assess the clastogenic potential in whole animals, was negative for mutagenicity. Therefore, based on a weight-of-the-evidence approach, this material is considered non-mutagenic.

Polyol acrylate has an acute dermal (rabbit) LD50 value of > 10000 mg/kg. Direct contact with this material may cause moderate eye irritation. Results from in vitro mutagenicity tests are mixed. This substance was not mutagenic in the Ames Salmonella Assay, however, it was mutagenic in various cell culture systems (i.e. Mouse lymphoma Assay). An in vivo mouse micronucleus study, designed to assess the clastogenic potential in whole animals, was negative for mutagenicity. Therefore, based on a weight-of-the-evidence approach, this material is considered non-mutagenic.

The mercapto derivative may be harmful if swallowed. The acute oral LD50 (rat) is >1000 - <2000 mg/kg. The acute inhalation LC50 (rat) is >3.36 mg/l (aerosol). Strong sensitization upon skin contact was seen on animals. Tests indicate this substance is not mutagenic in vitro (bacterial and mammalian cells). In a 90 days repeated dose toxicity study via the oral route no target organ toxicity – including the reproductive organs – was observed. Delayed ossification was seen in the fetus but this was in presence of maternal toxicity.

The toxicological properties of ethoxylated acrylated ester have not been fully investigated. Direct contact with this material causes moderate eye and no skin irritation.



WARNING: Reproductive Harm – www.P65Warnings.ca.gov

12. ECOLOGICAL INFORMATION

ADDITOL® LED 01 SDS: 0047174 Date Prepared: 06/11/2020 Page 8 of 12

OTHER ADVERSE EFFECTS

Overall Environmental Toxicity: Very toxic to aquatic life. Very toxic to aquatic life with long lasting effects.

The ecological assessment for this material is based on an evaluation of its components.

RESULTS OF PBT AND vPvB ASSESSMENT

Not determined

HAZARDOUS INGREDIENT TOXICITY DATA

Component / CAS No.	Toxicity to Fish
Ethoxylated trimethylolpropane	LC50 = 1.95 mg/l - Zebra Fish (Brachydanio rerio)
triacrylate (28961-43-5)	(96h)
Polyol acrylate (-)	Not available
Mercapto derivative (-)	LC50 = 0.42 mg/l - Oncorhynchus mykiss (96h)
Ethoxylated acrylated ester (-)	Not available

Component / CAS No.	Toxicity to Water Flea
Ethoxylated trimethylolpropane	EC50 70.7 mg/L - Daphnia magna (48h)
triacrylate (28961-43-5)	
Polyol acrylate (-)	Not available
Mercapto derivative (-)	EC50 = 0.71 mg/l - Daphnia Magna (48h)
Ethoxylated acrylated ester (-)	Not available

Component / CAS No.	Toxicity to Algae
Ethoxylated trimethylolpropane	ErC50 = 2.2 mg/l - Green Algae (Desmodesmus
triacrylate (28961-43-5)	subspicatus) (72h)
Polyol acrylate (-)	Not available
Mercapto derivative (-)	Not available
Ethoxylated acrylated ester (-)	Not available

Component / CAS No.	Partition coefficient
Ethoxylated trimethylolpropane	Not available
triacrylate (28961-43-5)	
Polyol acrylate (-)	Not available
Mercapto derivative (-)	Not available
Ethoxylated acrylated ester (-)	Not available

13. DISPOSAL CONSIDERATIONS

The information on RCRA waste classification and disposal methodology provided below applies only to the product, as supplied. If the material has been altered or contaminated, or it has exceeded its recommended shelf life, the guidance may be inapplicable. Hazardous waste classification under federal regulations (40 CFR Part 261 et seq) is dependent upon whether a material is a RCRA "listed hazardous waste" or has any of the four RCRA "hazardous waste characteristics." Refer to 40 CFR Part 261.33 to determine if a given material to be disposed of is a RCRA "listed hazardous waste"; information contained in Section 15 of this SDS is not intended to indicate if the product is a "listed hazardous waste." RCRA Hazardous Waste Characteristics: There are four characteristics defined in 40 CFR

ADDITOL® LED 01 SDS: 0047174 Date Prepared: 06/11/2020 Page 9 of 12

Section 261.21-61.24: Ignitability, Corrosivity, Reactivity, and Toxicity. To determine Ignitability, see Section 9 of this SDS (flash point). For Corrosivity, see Sections 9 and 14 (pH and DOT corrosivity). For Reactivity, see Section 10 (incompatible materials). For Toxicity, see Section 3 (composition). Federal regulations are subject to change. State and local requirements, which may differ from or be more stringent than the federal regulations, may also apply to the classification of the material if it is to be disposed. The Company encourages the recycle, recovery and reuse of materials, where permitted, as an alternate to disposal as a waste. The Company recommends that organic materials classified as RCRA hazardous wastes be disposed of by thermal treatment or incineration at EPA approved facilities. The Company has provided the foregoing for information only; the person generating the waste is responsible for determining the waste classification and disposal method.

14. TRANSPORT INFORMATION

This section provides basic shipping classification information. Refer to appropriate transportation regulations for specific requirements.

US DOT

Dangerous Goods? X

PROPER SHIPPING NAME: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.

Hazard Class: 9
Packing Group: III
UN/ID Number: UN3082

Transport Label Required: Miscellaneous

Marine Pollutant

Marine Pollutant

TECHNICAL NAME (N.O.S.): MERCAPTO DERIVATIVE

Comments: Marine Pollutants - DOT requirements specific to Marine Pollutants do not apply to

non-bulk packagings transported by motor vehicles, rail cars or aircraft.

TRANSPORT CANADA

Dangerous Goods? X

PROPER SHIPPING NAME: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.

Hazard Class: 9 Packing Group: III UN Number: UN3082

Transport Label Required: Miscellaneous

Marine Pollutant

Marine Pollutant

TECHNICAL NAME (N.O.S.): MERCAPTO DERIVATIVE

ICAO / IATA

Dangerous Goods? X

UN PROPER SHIPPING NAME: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.

Transport Hazard Class: 9

Packing Group: III UN Number: UN3082

Transport Label Required: Miscellaneous

TECHNICAL NAME (N.O.S.): MERCAPTO DERIVATIVE

ADDITOL® LED 01 SDS: 0047174 Date Prepared: 06/11/2020 Page 10 of 12

Dangerous Goods? X

UN PROPER SHIPPING NAME: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.

Transport Hazard Class: 9 UN Number: UN3082 Packing Group: III

Transport Label Required: Miscellaneous Marine Pollutant

Marine Pollutant

TECHNICAL NAME (N.O.S.): MERCAPTO DERIVATIVE

SPECIAL PRECAUTIONS FOR USER

Protect against external heat sources above +40°C/104°F.

15. REGULATORY INFORMATION

Inventory Information

United States (USA): All components of this product are designated as "Active" on the TSCA Inventory or are not required to be listed.

Canada: One or more components of this product are NOT included on the Canadian Domestic Substances List (DSL). These components are included on the Canadian Non-Domestic Substances List (NDSL).

European Economic Area (including EU): When purchased and shipped from an Allnex legal entity based in the EEA (EU or Norway), this product is compliant with the registration of the REACH Regulation (EC) No. 1907/2006 as all its components are either excluded, exempt and/or registered.

Australia: All components of this product are included in the Australian Inventory of Chemical Substances (AICS) or are not required to be listed on AICS.

New Zealand: This product is approved or exempt under the Hazardous Substances and New Organisms (HSNO) Act.

China: All components of this product are included on the Chinese inventory or are not required to be listed on the Chinese inventory.

Japan: All components of this product are included on the Japanese (ENCS and ISHL) inventories or are not required to be listed on the Japanese inventories.

Korea: All components of this product are included on the Korean (ECL) inventory or are not required to be listed on the Korean inventory. When purchased from Allnex Korea or Chemart distributor this product is compliant with the ARECs (the Act on the Registration and Evaluation, etc. of Chemical Substances). All its components are either excluded, exempt, pre-notified and/or registered. When purchased from another allnex entity, please contact PSRA-KREACH@allnex.com to check the possibility to be covered by our Only Representative.

Philippines: One or more components of this product are NOT included on the Philippine (PICCS) inventory.

Taiwan: All components of this product are included in the Taiwan chemical substance inventory or are not required to be listed on the Taiwan chemical substance inventory (TCSI).

Switzerland: All components of this product are exempt from the new substance notification requirements for Switzerland (SR 813.11 art. 24-26).

OTHER ENVIRONMENTAL INFORMATION

The following components of this product may be subject to reporting requirements pursuant to Section 313 of CERCLA (40 CFR 372), Section 12(b) of TSCA, or may be subject to release reporting requirements (40 CFR 307, 40 CFR 311, etc.) See Section 13 for information on waste classification and waste disposal of this product.

ADDITOL® LED 01 SDS: 0047174 Date Prepared: 06/11/2020 Page 11 of 12

This product does not contain any components regulated under these sections of the EPA

PRODUCT HAZARD CATEGORY UNDER SECTIONS 311 AND 312 OF EPCRA

Physical Hazards

Not applicable

Health Hazards

Skin Corrosion or Irritation Respiratory or Skin Sensitization Serious eye damage or eye irritation

16. OTHER INFORMATION

NFPA Hazard Rating (National Fire Protection Association)

Health: 3 - Materials that, under emergency conditions, can cause serious or permanent injury.

Fire: 1 - Materials that must be preheated before ignition can occur.

Instability: 1 - Materials that in themselves are normally stable, but that can become unstable at elevated temperatures and pressures.

Reasons For Issue: Revised Section 9

Date Prepared: 06/11/2020 **Date of last significant revision:** 06/11/2020

Component - Hazard Statements

Ethoxylated trimethylolpropane triacrylate

H317 - May cause an allergic skin reaction.

H319 - Causes serious eye irritation.

Polyol acrylate

H317 - May cause an allergic skin reaction.

H319 - Causes serious eye irritation.

Mercapto derivative

H302 - Harmful if swallowed.

H317 - May cause an allergic skin reaction.

H400 - Very toxic to aquatic life.

H410 - Very toxic to aquatic life with long lasting effects.

Ethoxylated acrylated ester

H315 - Causes skin irritation.

H319 - Causes serious eye irritation.

Emergency phone numbers for other regions

Asia Pacific

Australia: +61 1800 022 037 (Allnex Australia)

China (PRC): +86(0)25 8547 7110 (Jiangsu registration center) / +86(0)532 8388 9090 (NRCC)

India: 000 800 100 7479 (toll free) or +65 3158 1198 (Carechem 24)

Indonesia: 007 803 011 0293 (Carechem 24) Japan: +81 345 789 341 (Carechem 24) Korea: +82 2 3479 8401 (Carechem 24) Malaysia: +60 3 6207 4347 (Carechem 24)

New Zealand: +64 0800 803 002 (Allnex New Zealand)

Philippines: +63 2 231 2149 (Carechem 24) Taiwan: +886 2 8793 3212 (Carechem 24) ADDITOL® LED 01 SDS: 0047174 Date Prepared: 06/11/2020 Page 12 of 12

Vietnam: +84 8 4458 2388 (Carechem 24) All Others: +65 3158 1074 (Carechem 24)

Europe

+44 (0) 1235 239 670 (Carechem 24)

Middle East, Africa

+44 (0) 1235 239 671 (Carechem 24)

Latin America

Brazil: +55-800-707-7022 (toll free) or +55-11-98149-0850 (Suatrans 24)

Chile: +56 2 2582 9336 (Carechem 24)

Mexico and all others: +52-555-004-8763 (Carechem 24)

Prepared By: Product Stewardship & Regulatory Affairs Department, http://www.allnex.com/contact

This information is given without any warranty or representation. We do not assume any legal responsibility for same, nor do we give permission, inducement, or recommendation to practice any patented invention without a license. It is offered solely for your consideration, investigation, and verification. Before using any product, read its label.