

## SAFETY DATA SHEET

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### 1. IDENTIFICATION

**Product Name:** CYCAT® 600A Catalyst  
**Synonyms:** None  
**Product Description:** Aromatic sulfonic acid in isopropanol  
**Molecular Formula:** Mixture  
**Molecular Weight:** Mixture  
**Intended/Recommended Use:** Catalyst

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.

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### 2. HAZARDS IDENTIFICATION

#### GHS Classification

Flammable Liquids Hazard Category 3

Acute Toxicity (Oral) Hazard Category 4

Specific Target Organ Toxicity - Single Exposure Hazard Category 3

Skin Corrosion / Irritation Hazard Category 1C

Serious Eye Damage / Eye Irritation Hazard Category 1

Aquatic Environment Acute Hazard Category 2

Aquatic Environment Chronic Hazard Category 3

#### LABEL ELEMENTS



#### Signal Word

DANGER

#### Hazard Statements

Flammable liquid and vapor

Harmful if swallowed

May cause drowsiness or dizziness

Causes severe skin burns and eye damage  
 Toxic to aquatic life  
 Harmful to aquatic life with long lasting effects

### Precautionary Statements

Keep away from heat/sparks/open flames/hot surfaces. - No smoking.  
 Ground/Bond container and receiving equipment.  
 Use explosion-proof electrical/ventilating/lighting/equipment.  
 Use only non-sparking tools.  
 Take precautionary measures against static discharge.  
 Wear protective gloves/protective clothing/eye protection/face protection.  
 Wash face, hands and any exposed skin thoroughly after handling.  
 Do not eat, drink or smoke when using this product.  
 Use only outdoors or in a well-ventilated area.  
 Do not breathe dust/fume/gas/mist/vapours/spray.  
 Avoid release to the environment.  
 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.  
 In case of fire: Use CO2, dry chemical, or foam to extinguish.  
 IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.  
 IF INHALED: Remove person to fresh air and keep comfortable for breathing.  
 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.  
 Wash contaminated clothing before reuse.  
 Immediately call a POISON CENTER or doctor/physician.  
 Specific treatment (see supplemental first aid instructions on this label).  
 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do.  
 Continue rinsing.  
 Store in a well-ventilated place. Keep cool.  
 Store in a well-ventilated place. Keep container tightly closed.  
 Store locked up.  
 Dispose of contents/container in accordance with local and national regulations.

### Hazards Not Otherwise Classified (HNOC), Other Hazards

Not applicable

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

### HAZARDOUS INGREDIENTS

Component / CAS No.	%	GHS Classification
Dodecylbenzene sulfonic acid 27176-87-0	70 - 75	Acute Tox. 4 (H302) Skin Corr. 1C (H314) Eye Dam. 1 (H318) Aquatic Acute 2 (H401) Aquatic Chronic 3 (H412)
Isopropanol 67-63-0	23 - 28	Flam. Liq. 2 (H225) STOT SE 3 (H336) Skin Irrit. 3 (H316) Eye Irrit. 2A (H319)

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. Apply artificial respiration if patient is not breathing. Obtain medical attention immediately.

**Skin Contact:**

Remove contaminated clothing and shoes without delay. Wear impermeable gloves. Wash immediately with plenty of water. Pay particular attention to skin crevices, nail folds, etc. Do not reuse contaminated clothing without laundering. Do not reuse contaminated leatherware. Obtain medical attention.

**Eye Contact:**

Rinse immediately with plenty of water for at least 15 minutes. Obtain medical attention immediately.

**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**

Not applicable.

**Notes To Physician:**

No specific measures have been identified.

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## 5. FIRE-FIGHTING MEASURES

**Suitable Extinguishing Media:**

Use water spray, alcohol foam, carbon dioxide or dry chemical to extinguish fires. Water stream may be ineffective.

**Unsuitable Extinguishing Media:**

full 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.

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## 6. ACCIDENTAL RELEASE MEASURES

**Personal precautions:**

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

**Methods For Cleaning Up:**

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

**Environmental Precautions:**

Avoid release to the environment.

**References to other sections:**

See Sections 7, 8 and 13 for additional information.

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## 7. HANDLING AND STORAGE

### HANDLING

**Precautions:** Keep away from heat, sparks and open flame. - No smoking. Keep container tightly closed. Ground/Bond container and receiving equipment. Use explosion-proof electrical, ventilating, lighting and other equipment. Use only non-sparking tools. Take precautionary measures against static discharge. Wash hands thoroughly after handling. Do not eat, drink or smoke when using this product. Wear protective gloves/clothing and eye/face protection. Avoid release to the environment. Use only outdoors or in a well-ventilated area. Do not breathe vapors or spray mist.

**Special Handling Statements:** Provide good ventilation of working area (local exhaust ventilation if necessary). During processing and handling of the product, comply with the indicative occupational exposure limit values. Containers must be bonded and grounded when pouring or transferring material.

### STORAGE

Store in a cool, dry, well ventilated place and keep container tightly closed. Solution is corrosive; therefore, avoid storage in metal containers. Areas containing this material should have fire safe practices and electrical equipment in accordance with applicable regulations and/or guidelines. Standards are primarily based on the material's flashpoint, but may also take into account properties such as miscibility with water or toxicity. All local and national regulations should be followed.

In the Americas, National Fire Protection Association (NFPA) 30: Flammable and Combustible Liquids Code, is a widely used standard. NFPA 30 establishes storage conditions for the following classes of materials: Class I Flammable Liquids, Flashpoint <37.8 °C. Class II Combustible Liquids, 37.8 °C < Flashpoint <60 °C. Class IIIa Combustible Liquids, 60 °C < Flashpoint < 93 °C. Class IIIb Combustible Liquids, Flashpoint > 93 °C. Keep away from sources of ignition - refrain from smoking. Take precautionary measures against electrostatic loading - earthing necessary during loading operations. Observe the general rules of industrial fire protection.

**Storage Temperature:** Store at -20 - 32.2 °C -4 - 90 °F

**Reason:** Quality.

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## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Engineering Measures:

Utilize a closed system process where feasible. Where this material is not used in a closed system, good enclosure and local exhaust ventilation should be provided to control exposure.

### 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:

Prevent eye and skin contact. Provide eye wash fountain and safety shower in close proximity to points of potential exposure. Wear eye/face protection such as chemical splash proof goggles or face shield.

### Skin Protection:

Prevent contamination of skin or clothing when removing protective equipment. Wear impermeable gloves and suitable protective clothing.

### 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: > 0.38 mm, break through time: > 480 min

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

Nitrile rubber (NBR), thickness: 0.12 mm, break through time: up to 120 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:

Natural rubber (NRL), thickness: 0.12 mm

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.

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**Exposure Limit(s)****67-63-0 Isopropanol**

OSHA (PEL):	400 ppm (TWA) 980 mg/m <sup>3</sup> (TWA)
ACGIH (TLV):	400 ppm (STEL) 200 ppm (TWA)
Other Value:	Not established

**Biological Exposure Limit(s)****Isopropanol 67-63-0**

Biological Exposure Indices (ACGIH)	40 mg/L (urine - end of shift at end of workweek)
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**9. PHYSICAL AND CHEMICAL PROPERTIES**

<b>Color:</b>	dark
<b>Appearance:</b>	liquid
<b>Odor:</b>	alcohol
<b>Boiling Point:</b>	82 °C 180 °F (value for isopropanol)
<b>Melting Point:</b>	-86 °C -122 °F (value for isopropyl alcohol)
<b>Vapor Pressure:</b>	32.8 mm Hg @ 20 °C (value for isopropanol)
<b>Specific Gravity/Density:</b>	0.960 g/cm <sup>3</sup>
<b>Vapor Density:</b>	2.1 (air = 1) (value for isopropyl alcohol)
<b>Percent Volatile (% by wt.):</b>	
<b>pH:</b>	Not available
<b>Saturation In Air (% By Vol.):</b>	1.3 °C
<b>Evaporation Rate:</b>	Not available
<b>Solubility In Water:</b>	> 160 g/L Complete
<b>Volatile Organic Content:</b>	Not available
<b>Flash Point:</b>	26.1 °C 79 °F Setflash Closed Cup
<b>Flammable Limits (% By Vol):</b>	Lower: 2.2 Upper: 12 (values for isopropanol)
<b>Autoignition Temperature:</b>	399 °C 750 °F (value for isopropanol)
<b>Decomposition Temperature:</b>	Not available

<b>Partition coefficient (n-octanol/water):</b>	Not available
<b>Odor Threshold:</b>	Not available
<b>Viscosity (Kinematic):</b>	Not available
<b>Viscosity (Dynamic):</b>	Not available
<b>Flammability:</b>	Not available
<b>Oxidizing Properties:</b>	No

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## 10. STABILITY AND REACTIVITY

<b>Reactivity:</b>	No information available
<b>Stability:</b>	Stable.
<b>Conditions To Avoid:</b>	None known.
<b>Polymerization:</b>	Will not occur
<b>Conditions To Avoid:</b>	None known
<b>Materials To Avoid:</b>	Oxidizing agents Alkaline materials.
<b>Hazardous Decomposition Products:</b>	Carbon dioxide Carbon monoxide (CO) hydrogen sulfide (H <sub>2</sub> S) oxides of sulfur (includes sulfur di and tri oxides)

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## 11. TOXICOLOGICAL INFORMATION

**Likely Routes of Exposure:** Skin, Eyes, Oral, Respiratory System.

**Acute toxicity - oral:** Harmful if swallowed

**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 severe skin burns and eye damage.

**Serious eye damage / eye irritation:** Causes serious eye damage

**Respiratory sensitization:** Not Classified - Based on available data and/or professional judgment, the classification criteria are not met.

**Skin sensitization:** Not Classified - Based on available data and/or professional judgment, the classification criteria are not met.

**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:** May cause drowsiness or dizziness.

**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	1190 mg/kg
dermal	rabbit	Acute LD50	> 2000 mg/kg
inhalation	rat	Acute LC50 4 hr	> 20 mg/l (Vapors)

### LOCAL EFFECTS ON SKIN AND EYE

Acute Irritation	Skin	Corrosive
Acute Irritation	eye	Causes serious damage

### ALLERGIC SENSITIZATION

Sensitization	Skin	No data
Sensitization	respiratory	No data

### GENOTOXICITY

#### Assays for Gene Mutations

Ames Salmonella Assay	No data
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### OTHER INFORMATION

The product toxicity information above has been estimated.

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

### HAZARDOUS INGREDIENT TOXICITY DATA

Dodecylbenzene sulfonic acid has an acute oral (rat) LD50 value of 1470 mg/kg. The acute dermal LD50 value of a structural analogue was > 2000mg/kg. This substance is corrosive to the skin and eyes. A study conducted in guinea pigs demonstrated that Dodecylbenzene sulfonic acid is not sensitizing to the skin. In a weight of evidence from data on Dodecylbenzene sulfonic acid itself and structural analogues, mutagenicity or clastogenic are not expected. No target organ toxicity was observed in repeated dose toxicity studies with structural analogues.

Isopropanol has acute oral (rat) and dermal (rabbit) LD50 values of 5.0 g/kg and 12.8 g/kg, respectively. The 4-hour inhalation LC50 (rat) for isopropanol is >16,000 ppm (40.86 mg/L). Acute overexposure to isopropanol vapor may cause mild irritation of the eyes and respiratory tract. Chronic overexposure to isopropanol vapors may cause central nervous system depression, headaches, dizziness, nausea, and staggered gait. Liquid isopropanol may cause moderate to severe eye irritation. In laboratory animals studies, isopropanol has produced fetotoxic effects at levels that were maternally toxic and developmental effects at levels that were maternally non-toxic, and inhalation exposures that produced reduced fetal weight at non-maternally toxic levels. Literature reports chronic exposure has caused kidney problems and testicular effects in laboratory animals.



**WARNING:** Reproductive Harm – [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)

## 12. ECOLOGICAL INFORMATION

### TOXICITY, PERSISTENCE AND DEGRADABILITY, BIOACCUMULATIVE POTENTIAL, MOBILITY IN SOIL, OTHER ADVERSE EFFECTS

**Overall Environmental Toxicity:** Toxic to aquatic life. Harmful 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
Dodecylbenzene sulfonic acid (27176-87-0)	LC50 = 1.67 mg/L - Lepomis macrochirus - 96hrs (category approach) NOEC = 0.23 - 5.4 mg/L - Oncorhynchus mykiss or Poecilia reticulata - 28-70d (category approach)
Isopropanol (67-63-0)	LC50 = 11130 mg/L - Pimephales promelas (96h) LC50 = 9640 mg/L - Pimephales promelas (96h) LC50 > 1400000 µg/L - Lepomis macrochirus (96h)

Component / CAS No.	Toxicity to Water Flea
Dodecylbenzene sulfonic acid (27176-87-0)	EC50 = 2.9 mg/L - Daphnia magna - 48hrs (category approach) NOEC = 0.23 mg/L - Daphnia magna - 21d (category approach)
Isopropanol (67-63-0)	EC50 = 13299 mg/L - Daphnia magna (48h)

Component / CAS No.	Toxicity to Algae
Dodecylbenzene sulfonic acid (27176-87-0)	EC50 = 7.39 - 270 mg/L - Scenedesmus subspicatus or Selenastrum capricornutum - 72hrs (category approach) EC10/NOEC = 2.4 - 80 mg/L - Scenedesmus subspicatus or Selenastrum capricornutum - 72hrs (category approach)
Isopropanol (67-63-0)	EC50 > 1000 mg/L - Desmodesmus subspicatus (72h) EC50 > 1000 mg/L - Desmodesmus subspicatus (96h)

Component / CAS No.	Partition coefficient
Dodecylbenzene sulfonic acid (27176-87-0)	Not available
Isopropanol (67-63-0)	0.05

## 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 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.

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## 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: CORROSIVE LIQUID, FLAMMABLE, N.O.S.

Hazard Class: 8

Subsidiary Class: 3

Packing Group: II

UN/ID Number: UN2920

Transport Label Required: Corrosive  
Flammable Liquid

TECHNICAL NAME (N.O.S.): DODECYLBENZENE SULFONIC ACID, ISOPROPANOL

Comments: Hazardous Substances/Reportable Quantities - DOT requirements specific to Hazardous Substances only apply if the quantity in one package equals or exceeds the product reportable quantity.

### TRANSPORT CANADA

Dangerous Goods? X

PROPER SHIPPING NAME: CORROSIVE LIQUID, FLAMMABLE, N.O.S.

Hazard Class: 8

Subsidiary Class: 3

Packing Group: II

UN Number: UN2920

Transport Label Required: Corrosive  
Flammable Liquid

TECHNICAL NAME (N.O.S.): DODECYLBENZENE SULFONIC ACID, ISOPROPANOL

### ICAO / IATA

Dangerous Goods? X

UN PROPER SHIPPING NAME: CORROSIVE LIQUID, FLAMMABLE, N.O.S.

Transport Hazard Class: 8

Subsidiary Class: 3  
Packing Group: II  
UN Number: UN2920  
Transport Label Required: Corrosive  
Flammable Liquid  
TECHNICAL NAME (N.O.S.): DODECYLBENZENE SULFONIC ACID, ISOPROPANOL

## IMO

Dangerous Goods? X  
UN PROPER SHIPPING NAME: CORROSIVE LIQUID, FLAMMABLE, N.O.S.  
Transport Hazard Class: 8  
Subsidiary Class: 3  
UN Number: UN2920  
Packing Group: II  
Transport Label Required: Corrosive  
Flammable Liquid  
TECHNICAL NAME (N.O.S.): DODECYLBENZENE SULFONIC ACID, ISOPROPANOL

## SPECIAL PRECAUTIONS FOR USER

Protect against external heat sources higher than +35°C/95°F.

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## 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:** All components of this product are included on the Domestic Substances List (DSL) or are not required to be listed on the DSL.

**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 Industrial Chemicals (AIIC) or are not required to be listed on AIIC.

**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:** All components of this product are included on the Philippine (PICCS) inventory or are not required to be listed on the Philippine 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).

**Turkey:** When purchased directly from Allnex by a Turkish legal entity, this product is compliant with the PRE-registration requirements of KKDIK as all its components are either pre-registered, excluded and/or exempt.

#### **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.

#### **PRODUCT HAZARD CATEGORY UNDER SECTIONS 311 AND 312 OF EPCRA**

##### **Physical Hazards**

Flammable (gases, aerosols, liquids, or solids)

##### **Health Hazards**

Acute toxicity (any route of exposure)

Skin Corrosion or Irritation

Serious eye damage or eye irritation

Specific target organ toxicity (single or repeated exposure)

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## **16. OTHER INFORMATION**

#### **NFPA Hazard Rating (National Fire Protection Association)**

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

Fire: 3 - Liquids and solids that can be ignited under almost all ambient temperature conditions.

Instability: 0 - Materials that in themselves are normally stable, even under fire exposure conditions.

**Reasons for Issue:** Revised Section 3

**Date Prepared:** 07/23/2021

**Date of last significant revision:** 07/23/2021

#### **Component - Hazard Statements**

Dodecylbenzene sulfonic acid

H302 - Harmful if swallowed.

H314 - Causes severe skin burns and eye damage.

H318 - Causes serious eye damage.

H401 - Toxic to aquatic life.

H412 - Harmful to aquatic life with long lasting effects.

Isopropanol

H225 - Highly flammable liquid and vapor.

H316 - Causes mild skin irritation.

H319 - Causes serious eye irritation.

H336 - May cause drowsiness or dizziness.

#### **Emergency phone numbers for other regions**

##### **Asia Pacific**

Australia: +61 1800 022 037 (Allnex Australia)

China (PRC): +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)  
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)

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

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