

**Issue Date** No data available

**Revision Date** 06-Jun-2015

**Version** 1

## 1. PRODUCT AND COMPANY IDENTIFICATION

**Product identifier**

**Product Code**

27240

**Product Name**

Galaxy 21 Bathroom Disinfectant

**Other means of identification**

**Recommended use of the chemical and restrictions on use**

Use only for the purpose on the product label.

**Details of the supplier of the safety data sheet**

**Manufacturer / Manufactured For**

Seatex, Ltd.

445 TX Hwy 36

Rosenberg, TX 77471

Phone: (800) 829-3020

**Emergency telephone number**

**24 Hour Emergency Phone Number** 1-800-535-5053

## 2. HAZARDS IDENTIFICATION

**Classification**

|                                   |            |
|-----------------------------------|------------|
| Acute toxicity - Oral             | Category 5 |
| Skin corrosion/irritation         | Category 1 |
| Serious eye damage/eye irritation | Category 1 |
| Acute aquatic toxicity            | Category 3 |
| Chronic aquatic toxicity          | Category 3 |

**Label elements**

**Emergency Overview**

**Danger**

**Hazard statements**

May be harmful if swallowed

Causes severe skin burns and eye damage

Harmful to aquatic life with long lasting effects



**Appearance** Clear, Yellow

**Physical state** Liquid

**Odor** Citrus

**Precautionary Statements - Prevention**

Do not breathe dust/fume/gas/mist/vapors/spray. Wash face, hands and any exposed skin thoroughly after handling. Wear protective gloves/protective clothing/eye protection/face protection. Avoid release to the environment.

**Precautionary Statements - Response**

Specific Treatment (See Section 4 on the SDS).

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or doctor/physician.

IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower. Wash contaminated clothing before reuse. If irritation persists or burns occur, get medical attention.

IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. If experiencing respiratory symptoms: Call a POISON CENTER or doctor/physician.

IF SWALLOWED: Rinse mouth. DO NOT induce vomiting. Drink plenty of water. See a physician immediately.

**Precautionary Statements - Storage**

Store in a cool, dry place away from strong oxidizing agents. Keep away from heat, sparks and open flame. Keep out of reach of children.

**Precautionary Statements - Disposal**

Dispose of contents/container to an approved waste disposal plant.

**Hazards not otherwise classified (HNOC)****Other Information**

Unknown Acute Toxicity

0.76% of the mixture consists of ingredient(s) of unknown toxicity.

**3. COMPOSITION/INFORMATION ON INGREDIENTS**

| Chemical Name                                | CAS No.    | Weight-% | Trade Secret |
|--|------------|----------|--------------|
| Sodium Carbonate                             | 497-19-8   | 1-5      | *            |
| Alkyl dimethyl ethylbenzyl ammonium chloride | 85409-23-0 | 1-5      | *            |
| Alkyl dimethyl benzyl ammonium chloride      | 68391-01-5 | 1-5      | *            |
| Tetrasodium EDTA                             | 64-02-8    | 1-5      | *            |

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

**4. FIRST AID MEASURES****First aid measures****Skin Contact**

Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes. Wash contaminated clothing before reuse. If irritation persists or burns occur, get medical attention.

**Eye contact**

Immediate medical attention is required. Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Keep eye wide open while rinsing. Do not rub affected area.

**Inhalation**

Remove to fresh air. Get medical attention for any breathing difficulty.

**Ingestion**

Rinse mouth. Do NOT induce vomiting. Drink plenty of water. Immediate medical attention is required.

**Self-protection of the first aider**

Use personal protective equipment as required. Avoid contact with skin, eyes or clothing.

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

No Information available.

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

Product is a corrosive material. Use of gastric lavage or emesis is contraindicated. Possible perforation of stomach or esophagus should be investigated. Do not give chemical antidotes. Asphyxia from glottal edema may occur. Marked decrease in blood pressure may occur with moist rales, frothy sputum, and high pulse pressure. Treat symptomatically.

**5. FIRE-FIGHTING MEASURES**

**Suitable extinguishing media**

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

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

**Specific hazards arising from the chemical**

The product causes burns of eyes, skin and mucous membranes. Thermal decomposition can lead to release of irritating and toxic gases and vapors. In the event of fire and/or explosion do not breathe fumes.

**Explosion data**

**Sensitivity to Mechanical Impact** None.

**Sensitivity to Static Discharge** None.

**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** Evacuate personnel to safe areas. Use personal protective equipment as required. Avoid contact with skin, eyes or clothing. Keep people away from and upwind of spill/leak.

**Environmental precautions**

**Environmental precautions** Do not allow into any sewer, on the ground or into any body of water. Should not be released into the environment. Prevent further leakage or spillage if safe to do so. Prevent product from entering drains.

**Methods and material for containment and cleaning up**

**Methods for containment** Prevent further leakage or spillage if safe to do so.

**Methods for cleaning up** Dilute spilled material with dilute acetic acid (vinegar) to less than pH of 10. Cover liquid spill with sand, earth or other non-combustible absorbent material. Pick up and transfer to properly labeled containers.

## 7. HANDLING AND STORAGE

**Precautions for safe handling**

**Advice on safe handling** Use personal protective equipment as required. Avoid contact with skin, eyes or clothing. Ensure adequate ventilation, especially in confined areas. In case of insufficient ventilation, wear suitable respiratory equipment. Use only with adequate ventilation and in closed systems.

**Conditions for safe storage, including any incompatibilities**

**Storage Conditions** Keep out of the reach of children. Keep containers tightly closed in a dry, cool and well-ventilated place. Keep in properly labeled containers. Keep away from heat, sparks, flame and other sources of ignition (i.e., pilot lights, electric motors and static electricity).

**Incompatible materials** Incompatible with strong acids and bases. Incompatible with oxidizing agents.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

**Control parameters**

|   |  |
|---|--|
| <b>Exposure Guidelines</b>  | This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.<br><i>NIOSH IDLH Immediately Dangerous to Life or Health</i>   |
| <b>Other Information</b>  | Vacated limits revoked by the Court of Appeals decision in AFL-CIO v. OSHA, 965 F.2d 962 (11th Cir., 1992).  |
| <b><u>Appropriate engineering controls</u></b>                                      |  |
| <b>Engineering Controls</b>   | Showers, Eyewash stations & Ventilation systems.   |
| <b><u>Individual protection measures, such as personal protective equipment</u></b> |  |
| <b>Eye/face protection</b>  | Tight sealing safety goggles. Face protection shield.  |
| <b>Skin and body protection</b>   | Wear chemical resistant gloves.  |
| <b>Respiratory protection</b>   | If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Positive-pressure supplied air respirators or air purifying respirators may be required for high airborne contaminant concentrations. Respiratory protection must be provided in accordance with current local regulations.   |
| <b>General Hygiene</b>  | When using do not eat, drink or smoke. Wash contaminated clothing before reuse. Keep away from food, drink and animal feeding stuffs. Contaminated work clothing should not be allowed out of the workplace. Regular cleaning of equipment, work area and clothing is recommended. Avoid contact with skin, eyes or clothing. Take off all contaminated clothing and wash it before reuse. Wear suitable gloves and eye/face protection. |

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### Information on basic physical and chemical properties

|                       |                          |
|-----------------------|--------------------------|
| <b>Physical state</b> | Liquid                   |
| <b>Appearance</b>     | Clear, Yellow            |
| <b>Odor</b>           | Citrus                   |
| <b>Odor threshold</b> | No Information available |

| <u>Property</u>                            | <u>Values</u>            | <u>Remarks • Method</u> |
|--|--------------------------|-------------------------|
| pH   | 11.0 - 12.0              |                         |
| Specific Gravity                           | 1.039                    |                         |
| Viscosity                                  | No Information available |                         |
| Melting point/freezing point               | No Information available |                         |
| Boiling point / boiling range              | No Information available |                         |
| Flash point                                |                          |                         |
| Evaporation rate                           | No Information available |                         |
| Flammability (solid, gas)                  | No Information available |                         |
| Upper flammability limit:                  | No Information available |                         |
| Lower flammability limit:                  | No Information available |                         |
| Vapor pressure                             | No Information available |                         |
| Vapor density                              | No Information available |                         |
| Water solubility                           | No Information available |                         |
| Partition Coefficient<br>(n-octanol/water) | No Information available |                         |
| Autoignition temperature                   | No Information available |                         |
| Decomposition temperature                  | No Information available |                         |

### Other Information

|                        |                          |
|------------------------|--------------------------|
| <b>Density Lbs/Gal</b> | No Information available |
| <b>VOC Content (%)</b> | No Information available |

## 10. STABILITY AND REACTIVITY

**Reactivity**

No data available

**Chemical stability**

Stable under recommended storage conditions.

**Possibility of Hazardous Reactions**

None under normal processing.

**Conditions to avoid**

Exposure to air or moisture over prolonged periods.

**Incompatible materials**

Incompatible with strong acids and bases. Incompatible with oxidizing agents.

**Hazardous Decomposition Products**Thermal decomposition can lead to release of irritating and toxic gases and vapors. Carbon monoxide. Carbon dioxide (CO<sub>2</sub>). Toxic chloride vapors.

|                                      |
|--------------------------------------|
| <b>11. TOXICOLOGICAL INFORMATION</b> |
|--------------------------------------|

**Information on likely routes of exposure**

|                            |  |
|----------------------------|--|
| <b>Product Information</b> | No data available  |
| <b>Inhalation</b>          | Causes burns.  |
| <b>Eye contact</b>         | Corrosive to the eyes and may cause severe damage including blindness. |
| <b>Skin Contact</b>        | The product causes burns of eyes, skin and mucous membranes.           |
| <b>Ingestion</b>           | Causes burns. May be harmful if swallowed.                             |

| Chemical Name                | Oral LD50            | Dermal LD50 | Inhalation LC50                      |
|------------------------------|----------------------|-------------|--------------------------------------|
| Sodium Carbonate<br>497-19-8 | = 4090 mg/kg ( Rat ) | -           | = 2300 mg/m <sup>3</sup> ( Rat ) 2 h |

**Information on toxicological effects**

**Symptoms** No Information available.

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

|                                 |  |
|---------------------------------|--|
| <b>Corrosivity</b>              | Causes burns. Extremely corrosive and destructive to tissue. Risk of serious damage to eyes.   |
| <b>Sensitization</b>            | No Information available.  |
| <b>Germ cell mutagenicity</b>   | No Information available.  |
| <b>Carcinogenicity</b>          | No Information available.  |
| <b>Reproductive toxicity</b>    | No Information available.  |
| <b>STOT - single exposure</b>   | No Information available.  |
| <b>STOT - repeated exposure</b> | No Information available.  |
| <b>Chronic toxicity</b>         | Chronic exposure to corrosive fumes/gases may cause erosion of the teeth followed by jaw necrosis. Bronchial irritation with chronic cough and frequent attacks of pneumonia are common. Gastrointestinal disturbances may also be seen. Avoid repeated exposure. Possible risk of irreversible effects. |
| <b>Aspiration hazard</b>        | No Information available.  |

**Numerical measures of toxicity - Product Information**

**Unknown Acute Toxicity** 0.76% of the mixture consists of ingredient(s) of unknown toxicity.  
The following values are calculated based on chapter 3.1 of the GHS document .

|                                   |
|-----------------------------------|
| <b>12. ECOLOGICAL INFORMATION</b> |
|-----------------------------------|

**Ecotoxicity**

9.76% of the mixture consists of component(s) of unknown hazards to the aquatic environment

| Chemical Name                            | Algae/aquatic plants                          | Fish  | Crustacea                                |
|--|---|---|--|
| Sodium Carbonate<br>497-19-8             | 242: 120 h Nitzschia mg/L EC50                | 310 - 1220: 96 h Pimephales promelas mg/L LC50 static 300: 96 h Lepomis macrochirus mg/L LC50 static  | 265: 48 h Daphnia magna mg/L EC50        |
| Tetrasodium EDTA<br>64-02-8              | 1.01: 72 h Desmodemus subspicatus mg/L EC50   | 41: 96 h Lepomis macrochirus mg/L LC50 static 59.8: 96 h Pimephales promelas mg/L LC50 static   | 610: 24 h Daphnia magna mg/L EC50        |
| Trisodium nitrilotriacetate<br>5064-31-3 | 560 - 1000: 96 h Chlorella vulgaris mg/L EC50 | 93 - 170: 96 h Pimephales promelas mg/L LC50 flow-through 560 - 1000: 96 h Oryzias latipes mg/L LC50 semi-static 72 - 133: 96 h Oncorhynchus mykiss mg/L LC50 static 560 - 1000: 96 h Poecilia reticulata mg/L LC50 semi-static 560 - 1000: 96 h Poecilia reticulata mg/L LC50 114: 96 h Pimephales promelas mg/L LC50 175 - 225: 96 h Lepomis macrochirus mg/L LC50 static 252: 96 h Lepomis macrochirus mg/L LC50 470: 96 h Pimephales promelas mg/L LC50 static 560 - 1000: 96 h Oryzias latipes mg/L LC50 | 560 - 1000: 48 h Daphnia magna mg/L LC50 |

**Persistence and degradability**

No Information available.

**Bioaccumulation**

No Information available.

**Other adverse effects**

No Information 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.

This product contains one or more substances that are listed with the State of California as a hazardous waste.

| Chemical Name                | California Hazardous Waste Status |
|------------------------------|-----------------------------------|
| Sodium Carbonate<br>497-19-8 | Corrosive                         |

### 14. TRANSPORT INFORMATION

The shipping classification information in this section (Section 14) is meant as a guide to the overall classification of the product. However, transportation classifications may be subject to change with changes in package size. Consult shipper requirements under 49 CFR, IATA and IMDG to assure regulatory compliance.

**DOT**

Not regulated

### 15. REGULATORY INFORMATION

**International Inventories****TSCA**

Does not comply

**DSL/NDL**

Does not comply

**EINECS/ELINCS**

Does not comply

|              |                 |
|--------------|-----------------|
| <b>ENCS</b>  | Does not comply |
| <b>IECSC</b> | Does not comply |
| <b>KECL</b>  | Does not comply |
| <b>PICCS</b> | Does not comply |
| <b>AICS</b>  | Does not comply |

**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 does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.

**SARA 311/312 Hazard Categories**

|  |     |
|--|-----|
| <b>Acute health hazard</b>               | Yes |
| <b>Chronic Health Hazard</b>             | Yes |
| <b>Fire hazard</b>                       | No  |
| <b>Sudden release of pressure hazard</b> | No  |
| <b>Reactive Hazard</b>                   | No  |

**CWA (Clean Water Act)**

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42).

**CERCLA**

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material.

**US State Regulations****California Proposition 65**

This product does not contain any Proposition 65 chemicals.

**U.S. State Right-to-Know Regulations**

| <b>Chemical Name</b>                     | <b>New Jersey</b> | <b>Massachusetts</b> | <b>Pennsylvania</b> |
|--|-------------------|----------------------|---------------------|
| Trisodium nitrilotriacetate<br>5064-31-3 | -                 | X                    | -                   |
| Sodium Hydroxide<br>1310-73-2            | X                 | X                    | -                   |

**U.S. EPA Label Information**

**EPA Pesticide Registration Number** 10324-93-42403

**EPA Statement**

This chemical is a pesticide product registered by the Environmental Protection Agency and is subject to certain labeling requirements under federal pesticide law. These requirements differ from the classification criteria and hazard information required for safety data sheets, and for workplace labels of non-pesticide chemicals. See the product label for the FIFRA hazard information as required on the pesticide label.

**16. OTHER INFORMATION**

**HMIS**                      **Health hazards** 3                      **Flammability** 0                      **Physical hazards** 0                      **Personal protection** X

**Legend**

**N/A** - Not Applicable

**N/E** - Not Established

**N/D** - Not Determined

**N/K** - Not Known

**Revision Date**

06-Jun-2015

**Revision Note**

No Information available

**Disclaimer**

The information provided in this 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**