



## SAFETY DATA SHEET

### SECTION 1: Identification of the substance/mixture and of the company/undertaking

**1.1. Product identifier** POLYCIN\* T-400

**Synonyms:** Not applicable.

**Chemical Abstracts Registry No:** Trade Secret

**1.2. Relevant identified uses of the substance or mixture and uses advised against**

additive  
Coating  
Adhesive

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

Aurorium  
201 North Illinois Street, Suite 1800  
Indianapolis, Indiana 46204 USA  
1-336-292-1781

**e-mail Address:** sds@Aurorium.com

**1.4. Emergency telephone number**

**Aurorium:** 1-336-292-1781  
**CHEMTREC (USA):** +1-800-424-9300 (collect calls accepted)  
**CHEMTREC (International):** +1-703-527-3887 (collect calls accepted)  
**NRCC (China):** +86 25 85477110

### SECTION 2: Hazards identification

**2.1. Classification of the substance or mixture** (According to Regulation (EC) No 1272/2008, 29 CFR 1910.1200 and the Globally Harmonized System)

Not Classified as Hazardous

**2.2. Label elements**

**Signal Word:** Not Classified as Hazardous

**Hazard Precautions:** Not Classified as Hazardous

**Prevention Precautionary Statements:** Note: These precautionary statements are not prescribed by directive 1272/2008 as this product is not classified as hazardous under this directive. Wash hands thoroughly after handling with soap and water. Wear protective gloves, protective clothing, eye protection and face protection. If swallowed, in eyes, on skin or inhaled call a poison center or doctor/physician if you feel unwell. If inhaled, remove victim to fresh air and keep at rest in a comfortable position for breathing. Take off contaminated clothing before reuse. Store in a well-ventilated place. Keep container tightly closed.

**First Aid Precautionary Statements:** Not required.

**2.3. Other hazards**

**Other Hazards:** Not applicable.

**Mixture Statement:** Up to 100% of this mixture consists of ingredient(s) of unknown acute toxicity.

### SECTION 3: Composition/information on ingredients

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### 3.1. Substances or 3.2. Mixtures

| Ingredient     | CAS Number  | Concentration (weight %) | EC Number   | CLP Inventory/ Annex VI | EU CLP Classification (1272/2008) |
|----------------|-------------|--------------------------|-------------|-------------------------|-----------------------------------|
| POLYCIN* T-400 | Proprietary | 95 - 100                 | Proprietary | Not listed.             | Non-Hazardous                     |

NOTE: See Section 8 for exposure limit data for these ingredients. See Section 15 for trade secret information (where applicable).

### SECTION 4: First aid measures

#### 4.1. Description of first aid measures

|               |  |
|---------------|--|
| Skin Contact: | Immediately flush with water for 15 minutes. Wash the contaminated skin with soap and water. If irritation develops, call a physician. |
| Eye Contact:  | Immediately flush eyes with plenty of water. Get medical attention, if irritation persists.  |
| Inhalation:   | Remove from exposure. If not breathing, give artificial respiration and call a physician.  |
| Ingestion:    | If swallowed, contact physician or poison control center immediately.  |

#### 4.2 Most important symptoms and effects, both acute and delayed

|                  |  |
|------------------|--|
| Acute:           | May be mildly irritating to skin and eyes on contact, similar to the irritation observed due to exposure to common salt water (sodium chloride). |
| Delayed Effects: | None known.  |

#### 4.3. Indication of any immediate medical attention and special treatment needed

|                    |  |
|--------------------|--|
| Note to Physician: | No specific indications. Treatment should be based on the judgment of the physician in response to the reactions of the patient. |
|--------------------|--|

### SECTION 5: Firefighting measures

#### 5.1. Extinguishing media

|                                  |   |
|----------------------------------|---|
| Appropriate Extinguishing Media: | Water spray, water fog, alcohol-resistant foam, carbon dioxide, dry chemical. |
|----------------------------------|---|

#### 5.2. Special hazards arising from the substance or mixture

|                                   |   |
|-----------------------------------|---|
| Hazardous Products of Combustion: | Irritating and/or toxic fumes may be released if this material is burned. |
| Potential for Dust Explosion:     | Not applicable.   |
| Special Flammability Hazards:     | Not applicable.   |

#### 5.3. Advice for firefighters

|                               |  |
|-------------------------------|--|
| Basic Fire Fighting Guidance: | Wear self-contained breathing apparatus and full protective clothing (i.e., Bunker gear). Skin and eye contact should be avoided. Normal fire fighting procedures may be used. |
|-------------------------------|--|

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### SECTION 6: Accidental release measures

#### 6.1. Personal precautions, protective equipment and emergency procedures

- Evacuation Procedures:** Isolate the hazard area and deny entry to unnecessary and unprotected personnel.
- Special Instructions:** See Section 8 for personal protective equipment recommendations. Remove all contaminated clothing to prevent further absorption. Decontaminate affected personnel using the first aid procedures in Section 4. Leather shoes that have been saturated must be discarded.

#### 6.2. Environmental precautions

Prevent releases to soils, drains, sewers and waterways.

#### 6.3. Methods and material for containment and cleaning up

Isolate hazard area. Keep unnecessary and unprotected personnel from entering. Remove all ignition sources. Ventilate the area of spill or leak. Wear protective equipment during clean-up. For small spills, use suitable absorbent material and collect for later disposal. For large spills, the area may require diking to contain the spill. Material can then be collected (eg., suction) for later disposal. After collection of material, flush area with water. Dispose of the material in accordance with standard practice for disposal of potentially hazardous materials as required by applicable federal, state or local laws.

#### 6.4. Reference to other sections

Refer to section 8 for information on selecting personal protective equipment. Refer to section 13 for information on spilled product, absorbent and clean up material disposal instructions.

### SECTION 7: Handling and storage

#### 7.1. Precautions for safe handling

- Precautions for Unique Hazards:** Not applicable.
- Practices to Minimize Risk:** Wear appropriate protective equipment when performing maintenance on contaminated equipment. Wash hands thoroughly before eating or smoking after handling this material. Do not eat, drink or smoke in work areas. Prevent contact with incompatible materials. Avoid spills and keep away from drains. Handle in a manner to prevent generation of aerosols, vapors or dust clouds.
- Special Handling Equipment:** Not applicable.

#### 7.2. Conditions for safe storage, including any incompatibilities

- Storage Precautions & Recommendations:** This product should be stored at ambient temperature in a dry, well-ventilated location. Protect containers against physical damage. Keep away from heat, sparks, and flame. Should be periodically inspected.
- Dangerous Incompatibility Reactions:** Oxidizing materials
- Incompatibilities with Materials of Construction:** None known

#### 7.3. Specific end use(s)

If a chemical safety assessment has been completed an exposure scenario is attached as an annex to this Safety Data Sheet. Refer to this annex for the specific exposure scenario control parameters for uses identified in subsection 1.2.

### SECTION 8: Exposure controls/personal protection

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### 8.1. Control parameters

|                             |  |
|-----------------------------|--|
| Occupational Exposure Limit | An impurity that may be present has an occupational exposure limit of 10 mg/m <sup>3</sup> as an 8-hour time-weighted average. |
| Air Monitoring Method:      | Not required   |

### 8.2. Exposure controls

Also see the annex to this SDS (if applicable) for specific exposure scenario controls.

|   |   |
|---|---|
| <b>Other Engineering Controls:</b>      | All operations should be conducted in well-ventilated conditions. Local exhaust ventilation should be provided.   |
| <b>Personal Protective Equipment:</b>   | Safety glasses or chemical goggles. Latex rubber gloves are recommended where contact is likely. Where overexposures are a concern, use NIOSH-approved dust/mist respirator as necessary.   |
| <b>Respirator Caution:</b>              | Observe OSHA regulations for respirator use (29 CFR 1910.134). Air-purifying respirators must not be used in oxygen-deficient atmospheres.  |
| <b>Thermal Hazards:</b>                 | Not applicable.   |
| <b>Environmental Exposure Controls:</b> | The level of protection and types of controls necessary will vary depending upon potential exposure conditions. Select controls based on a risk assessment of local circumstances. If user operations generate dust, fumes, gas, vapor or mist, use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits. |

## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

|   |   |                              |                    |
|---|---|------------------------------|--------------------|
| Appearance, State & Odor (ambient temperature): | Clear yellow-amber liquid with a mild odor. |                              |                    |
| Vapor Pressure:                                 | 0.7 mm Hg @ 25°C                            | Evaporation Rate:            | Not determined     |
| Specific Gravity or Density:                    | 0.996 @ 25°C                                | Vapor Density (air = 1):     | No data available. |
| Boiling Point:                                  | No data available.                          | Freezing / Melting Point:    | No data available. |
| Solubility in Water:                            | Not soluble.                                | Octanol / Water Coefficient: | No data available. |
| pH:   | No data available.                          | Odor Threshold:              | No data available. |
| Viscosity:                                      | 1500 cP @ 25°C                              | Autoignition Temperature:    | No data available. |
| Flash Point and Method:                         | 325°F 163°C PMCC                            | Flammable Limits:            | No data available. |
| Flammability (solid, gas):                      | Not applicable.                             | Decomposition Temperature:   | No data available. |
| Explosive Properties:                           | Not explosive.                              | Oxidizing Properties:        | Not an oxidizer.   |

### 9.2. Other information

Not applicable.

## SECTION 10: Stability and reactivity

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|   |   |
|---|---|
| <u>10.1. Reactivity</u>                         | Not classified as dangerously reactive.                             |
| <u>10.2. Chemical stability</u>                 | Stable  |
| <u>10.3. Possibility of hazardous reactions</u> | Will not autopolymerize.  |
| <u>10.4. Conditions to avoid</u>                | Strong oxidizers.   |
| <u>10.5. Incompatible materials</u>             | Oxidizing materials   |
| <u>10.6. Hazardous decomposition products</u>   | Decomposition products may include carbon monoxide, carbon dioxide. |

### SECTION 11: Toxicological information

#### 11.1. Information on toxicological effects

|   |   |
|---|---|
| Acute Oral LD <sub>50</sub> :                               | No data available.  |
| Acute Dermal LD <sub>50</sub> :                             | No data available.  |
| Acute Inhalation LC <sub>50</sub> :                         | No data available.  |
| Skin Irritation:  | No data available.  |
| Eye Irritation:   | No data available.  |
| Skin Sensitization:   | No data available.  |
| Mutagenicity:   | No data available.  |
| Reproductive / Developmental Toxicity:                      | No data available.  |
| Carcinogenicity:  | No data available.  |
| Target Organs:  | No data available.  |
| Aspiration Hazard:  | Based on physical properties, not likely to be an aspiration hazard.  |
| Primary Route(s) of Exposure:                               | Skin contact and absorption, eye contact, and inhalation. Ingestion is not likely to be a primary route of exposure.  |
| Most important symptoms and effects, both acute and delayed | May be mildly irritating to skin and eyes on contact, similar to the irritation observed due to exposure to common salt water (sodium chloride). Delayed Effects: None known. |
| Additive or Synergistic effects:                            | None known.   |
| Additional Toxicity Information:                            | Hazard classification is based on hazard data available for structurally similar substances.  |

### SECTION 12: Ecological information

|  |                    |
|--|--------------------|
| <u>12.1. Toxicity</u>                      | No data available. |
| <u>12.2. Persistence and degradability</u> | No data available  |
| <u>12.3. Bioaccumulative potential</u>     | No data available  |

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|   |                    |
|---|--------------------|
| <u>12.4. Mobility in soil</u>                   | No data available  |
| <u>12.5. Results of PBT and vPvB assessment</u> | No data available. |
| <u>12.6. Other adverse effects</u>              | No data available. |

### SECTION 13: Disposal considerations

#### 13.1. Waste treatment methods

|  |   |
|--|---|
| US EPA Waste Number:                       | Non-Hazardous   |
| Waste Classification: (per US regulations) | The waste may be classified as "special" or hazardous per State regulations.  |
| Waste Disposal:                            | NOTE: Generator is responsible for proper waste characterization. State hazardous waste regulations may differ substantially from federal regulations. Dispose of this material responsibly, and in accordance with standard practice for disposal of potentially hazardous materials as required by applicable international, national, regional, state or local laws, and environmental protection duty of care principles. Do NOT dump into any sewers, on the ground, or into any body of water. For disposal within the EC, the appropriate classification code according to the European Community List of Wastes should be used. Note that disposal regulations may also apply to empty containers and equipment rinsates. |

### SECTION 14: Transport information

*The following information applies to all shipping modes (DOT/IATA/ICAO/IMDG/ADR/RID/ADN), unless otherwise indicated:*

|   |                 |                               |                                    |
|---|-----------------|-------------------------------|------------------------------------|
| 14.1. UN number   | Non-Hazardous   | 14.2. UN proper shipping name | Chemicals, n.o.s. (POLYCIN* T-400) |
| 14.3. Transport hazard class(es)  | Not applicable. | 14.4. Packing group           | Not applicable.                    |
| 14.5. Environmental hazards   | Not applicable. |                               |                                    |
| 14.6. Special precautions for user  | Not applicable. |                               |                                    |
| NA Emergency Guidebook Numbers:   | Not applicable. | IMDG EMS:                     | Not applicable. ;                  |
| 14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code |                 |                               | Not applicable.                    |

### SECTION 15: Regulatory information

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

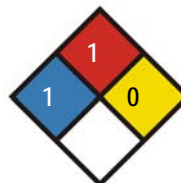
|                           |         |              |        |
|---------------------------|---------|--------------|--------|
| Chemical Inventory Lists: | Status: |              |        |
| USA TSCA:                 | Listed  | EINECS:      | Listed |
| Canada(DSL/NDSL):         | DSL     | Japan:       | Listed |
| Korea:                    | Listed  | Australia:   | Listed |
| China:                    | Listed  | Philippines: | Listed |
| Taiwan:                   | Listed  | New Zealand: | Listed |

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German Water Hazard Classification: No data available.  
SARA 313: Not listed.  
Reportable Quantities: Not applicable.  
New Jersey Trade Secret Information: 54004100000-5044P  
HMIS IV:

|                 |   |
|-----------------|---|
| HEALTH          | 1 |
| FLAMMABILITY    | 1 |
| PHYSICAL HAZARD | 0 |

NFPA:



### 15.2. Chemical safety assessment

A chemical safety assessment has not been performed on this substance.

## SECTION 16: Other information

Classification Method: Bridging principle - similar substance

### Legend of Abbreviations:

ACGIH = American Conference on Governmental Industrial Hygienists.

CAS = Chemical Abstracts Service.

CFR = Code of Federal Regulations.

DSL/NDL = Domestic Substances List/Non-Domestic Substances List.

EC = European Community.

EINECS = European Inventory of Existing Commercial Chemical Substances.

ELINCS = European List of Notified Chemical Substances.

EU = European Union.

GHS = Globally Harmonized System.

LC = Lethal Concentration.

LD = Lethal Dose.

NFPA = National Fire Protection Association.

NIOSH = National Institute of Occupational Safety and Health.

NTP = National Toxicology Program.

OSHA = Occupational Safety and Health Administration

PEL = Permissible Exposure Limit.

RQ = Reportable Quantity.

SARA = Superfund Amendments and Reauthorization Act of 1986.

TLV = Threshold Limit Value.

WHMIS = Workplace Hazardous Materials Information System.

**Important Note:** Please note that the information contained herein is furnished without warranty of any kind. Users should consider these data only as a supplement to other information gathered by them and must make independent determinations of suitability and completeness of information from all sources to assure proper use and disposal of these materials and the safety and health of employees and customers. Recipients are advised to confirm in advance of need that the information is current, applicable, and suitable to their circumstances. The information contained herein may change without prior notice. THIS SAFETY DATA SHEET SUPERSEDES ALL PREVIOUS EDITIONS.

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