



Revision Number: 003.0

Issue date: 05/29/2018

**1. PRODUCT AND COMPANY IDENTIFICATION**

|                            |   |                             |   |
|----------------------------|---|-----------------------------|---|
| <b>Product name:</b>       | <b>LOCTITE CAT 50-2 AMB known as Catalyst 50-2 AMB 120 GR</b>         | <b>IDH number:</b>          | 1850822   |
| <b>Product type:</b>       | Catalyst  | <b>Region:</b>              | United States   |
| <b>Restriction of Use:</b> | None identified   | <b>Contact information:</b> |   |
| <b>Company address:</b>    | Henkel Corporation<br>One Henkel Way<br>Rocky Hill, Connecticut 06067 | Telephone:                  | +1 (860) 571-5100   |
|                            |   | MEDICAL EMERGENCY Phone:    | Poison Control Center<br>1-877-671-4608 (toll free) or 1-303-592-1711 |
|                            |   | TRANSPORT EMERGENCY Phone:  | CHEMTREC<br>1-800-424-9300 (toll free) or 1-703-527-3887              |
|                            |   | Internet:                   | www.henkelna.com  |

**2. HAZARDS IDENTIFICATION**

**EMERGENCY OVERVIEW**

**DANGER:** TOXIC IF SWALLOWED.  
CAUSES SKIN IRRITATION.  
CAUSES SERIOUS EYE DAMAGE.  
SUSPECTED OF CAUSING GENETIC DEFECTS.  
MAY DAMAGE FERTILITY OR THE UNBORN CHILD.  
CAUSES DAMAGE TO ORGANS THROUGH PROLONGED OR REPEATED EXPOSURE.  
MAY CAUSE DAMAGE TO ORGANS THROUGH PROLONGED OR REPEATED EXPOSURE.

| HAZARD CLASS                                       | HAZARD CATEGORY |
|--|-----------------|
| ACUTE TOXICITY ORAL                                | 3               |
| SKIN IRRITATION                                    | 2               |
| SERIOUS EYE DAMAGE                                 | 1               |
| GERM CELL MUTAGENICITY                             | 2               |
| REPRODUCTIVE TOXICITY                              | 1B              |
| SPECIFIC TARGET ORGAN TOXICITY - REPEATED EXPOSURE | 1               |
| SPECIFIC TARGET ORGAN TOXICITY - REPEATED EXPOSURE | 2               |

**PICTOGRAM(S)**



**Precautionary Statements**

**Prevention:** Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Do not breathe vapors, mist, or spray. Wash affected area thoroughly after handling. Do not eat, drink or smoke when using this product. Wear protective gloves, clothing, eye and face protection.

**Response:** IF SWALLOWED: Immediately call a POISON CENTER or doctor/ physician. Rinse mouth. IF ON SKIN: Wash with plenty of water. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. IF exposed or concerned: Get medical attention. If skin irritation occurs: Get medical attention. Take off contaminated clothing.

**Storage:** Store locked up.

**Disposal:** Dispose of contents and/or container according to Federal, State/Provincial and local governmental regulations.

Classification complies with OSHA Hazard Communication Standard (29 CFR 1910.1200) and is consistent with the provisions of the United Nations Globally Harmonized System of Classification and Labeling of Chemicals (GHS).

See Section 11 for additional toxicological information.

### 3. COMPOSITION / INFORMATION ON INGREDIENTS

| Hazardous Component(s) | CAS Number | Percentage* |
|------------------------|------------|-------------|
| Dibutyltin dilaurate   | 77-58-7    | 90 - 100    |

\* Exact percentages may vary or are trade secret. Concentration range is provided to assist users in providing appropriate protections.

### 4. FIRST AID MEASURES

**Inhalation:** Move to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.

**Skin contact:** Immediately flush skin with plenty of water (using soap, if available). Remove contaminated clothing and footwear. If symptoms develop and persist, get medical attention. Wash clothing before reuse.

**Eye contact:** Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Get medical attention.

**Ingestion:** Do not induce vomiting. Never give anything by mouth to an unconscious person. Get medical attention.

**Symptoms:** See Section 11.

### 5. FIRE FIGHTING MEASURES

**Extinguishing media:** Water spray (fog), foam, dry chemical or carbon dioxide.

**Special firefighting procedures:** Wear self-contained breathing apparatus and full protective clothing, such as turn-out gear. In case of fire, keep containers cool with water spray.

**Unusual fire or explosion hazards:** Closed containers may rupture (due to build up of pressure) when exposed to extreme heat.

**Hazardous combustion products:** Oxides of carbon. Oxides of tin. Hydrocarbons. Toxic and irritating vapors.

### 6. ACCIDENTAL RELEASE MEASURES

Use personal protection recommended in Section 8, isolate the hazard area and deny entry to unnecessary and unprotected personnel.

**Environmental precautions:** Do not allow product to enter sewer or waterways.

**Clean-up methods:**

Remove all sources of ignition. Ensure adequate ventilation. Isolate area. Keep unnecessary personnel away. Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust). Store in a closed container until ready for disposal. Refer to Section 8 "Exposure Controls / Personal Protection" prior to clean up.

## 7. HANDLING AND STORAGE

**Handling:**

Use only with adequate ventilation. Prevent contact with eyes, skin and clothing. Do not breathe vapor and mist. Wash thoroughly after handling. Do not taste or swallow. Refer to Section 8.

**Storage:**

Keep in a cool, well ventilated area away from heat, sparks and open flame. Keep container tightly closed until ready for use.

For information on product shelf life, please review labels on container or check the Technical Data Sheet.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Employers should complete an assessment of all workplaces to determine the need for, and selection of, proper exposure controls and protective equipment for each task performed.

| Hazardous Component(s) | ACGIH TLV   | OSHA PEL                          | AIHA WEEL | OTHER |
|------------------------|---|-----------------------------------|-----------|-------|
| Dibutyltin dilaurate   | 0.1 mg/m <sup>3</sup> TWA (as Sn)<br>0.2 mg/m <sup>3</sup> STEL (as Sn)<br>(SKIN) (as Sn) | 0.1 mg/m <sup>3</sup> PEL (as Sn) | None      | None  |

**Engineering controls:**

Provide adequate local exhaust ventilation to maintain worker exposure below exposure limits.

**Respiratory protection:**

Use a NIOSH approved air-purifying respirator if the potential to exceed established exposure limits exists.

**Eye/face protection:**

Safety goggles or safety glasses with side shields. Full face protection should be used if the potential for splashing or spraying of product exists. Safety showers and eye wash stations should be available.

**Skin protection:**

Use chemical resistant, impermeable clothing including gloves and either an apron or body suit to prevent skin contact. Cover as much of the exposed skin area as possible with appropriate clothing.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

|   |                   |
|---|-------------------|
| <b>Physical state:</b>                          | Liquid            |
| <b>Color:</b>                                   | Yellow            |
| <b>Odor:</b>                                    | None              |
| <b>Odor threshold:</b>                          | Not available.    |
| <b>pH:</b>                                      | Not available.    |
| <b>Vapor pressure:</b>                          | Not available.    |
| <b>Boiling point/range:</b>                     | Not available.    |
| <b>Melting point/ range:</b>                    | -7.8 °C (18°F)    |
| <b>Specific gravity:</b>                        | 1.05              |
| <b>Vapor density:</b>                           | Not available.    |
| <b>Flash point:</b>                             | 232 °C (449.6 °F) |
| <b>Flammable/Explosive limits - lower:</b>      | Not available.    |
| <b>Flammable/Explosive limits - upper:</b>      | Not available.    |
| <b>Autoignition temperature:</b>                | Not available.    |
| <b>Flammability:</b>                            | Not applicable    |
| <b>Evaporation rate:</b>                        | Not available.    |
| <b>Solubility in water:</b>                     | Not available.    |
| <b>Partition coefficient (n-octanol/water):</b> | Not available.    |
| <b>VOC content:</b>                             | 0 %               |

Viscosity: Not available.  
Decomposition temperature: Not available.

## 10. STABILITY AND REACTIVITY

**Stability:** Stable under normal conditions of storage and use.

**Hazardous reactions:** None under normal processing.

**Hazardous decomposition products:** Oxides of carbon. Oxides of tin. Irritating vapors.

**Incompatible materials:** Strong oxidizing agents. Acids. Bases.

**Reactivity:** Not available.

**Conditions to avoid:** High temperatures. Heat, flames, sparks and other sources of ignition. Store away from incompatible materials. Avoid moisture.

## 11. TOXICOLOGICAL INFORMATION

**Relevant routes of exposure:** Skin, Inhalation, Eyes, Ingestion

### Potential Health Effects/Symptoms

**Inhalation:** May be harmful if inhaled. May cause respiratory tract irritation.  
**Skin contact:** Causes skin irritation. May be harmful if absorbed through skin.  
**Eye contact:** Causes serious eye damage.  
**Ingestion:** Toxic if swallowed. May cause gastrointestinal tract irritation if swallowed.

| Hazardous Component(s) | LD50s and LC50s             | Immediate and Delayed Health Effects   |
|------------------------|-----------------------------|--|
| Dibutyltin dilaurate   | Oral LD50 (Rat) = 175 mg/kg | Central nervous system, Eyes, Irritant |

| Hazardous Component(s) | NTP Carcinogen | IARC Carcinogen | OSHA Carcinogen (Specifically Regulated) |
|------------------------|----------------|-----------------|--|
| Dibutyltin dilaurate   | No             | No              | No                                       |

## 12. ECOLOGICAL INFORMATION

**Ecological information:** Not available.

## 13. DISPOSAL CONSIDERATIONS

Information provided is for unused product only.

**Recommended method of disposal:** Dispose of according to Federal, State and local governmental regulations.  
**Hazardous waste number:** Not a RCRA hazardous waste.

## 14. TRANSPORT INFORMATION

The transport information provided in this section only applies to the material/formulation itself, and is not specific to any package/configuration.

### U.S. Department of Transportation Ground (49 CFR)

**Proper shipping name:** Organotin compounds, liquid, n.o.s. (Dibutyl tin dilaurate)  
**Hazard class or division:** 6.1  
**Identification number:** UN 2788  
**Packing group:** III  
**Marine pollutant:** Dibutyl tin dilaurate

### International Air Transportation (ICAO/IATA)

**Proper shipping name:** Organotin compound, liquid, n.o.s. (Dibutyl tin dilaurate)  
**Hazard class or division:** 6.1  
**Identification number:** UN 2788  
**Packing group:** III

### Water Transportation (IMO/MDG)

**Proper shipping name:** ORGANOTIN COMPOUND, LIQUID, N.O.S. (Dibutyl tin dilaurate)  
**Hazard class or division:** 6.1  
**Identification number:** UN 2788  
**Packing group:** III  
**Marine pollutant:** Dibutyl tin dilaurate

## 15. REGULATORY INFORMATION

### United States Regulatory Information

**TSCA 8 (b) Inventory Status:** All components are listed or are exempt from listing on the Toxic Substances Control Act Inventory.  
**TSCA 12 (b) Export Notification:** None above reporting de minimis  
**CERCLA/SARA Section 302 EHS:** None above reporting de minimis.  
**CERCLA/SARA Section 311/312:** Immediate Health, Delayed Health  
**CERCLA/SARA Section 313:** None above reporting de minimis.  
**California Proposition 65:** No California Proposition 65 listed chemicals are known to be present.

### Canada Regulatory Information

**CEPA DSL/NDL Status:** All components are listed on or are exempt from listing on the Canadian Domestic Substances List.

## 16. OTHER INFORMATION

This safety data sheet contains changes from the previous version in sections: 2, 3

**Prepared by:** Product Safety and Regulatory Affairs  
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