

## 1. Identification

Poly-Optic® 14 Part X Accelerator Product Identifier:

Product Code(s):

Use: Accelerator for polyurethane casting plastic. For

Industrial/Professional use only.

Polytek Development Corp. Manufacturer:

55 Hilton St., Easton, PA 18042

Phone Number: 610-559-8620 (9 a.m. to 5 p.m. EST)

Emergency Phone: CHEMTREC 800-424-9300 or

+1 (703) 527-3887

E-mail: sds@polytek.com

#### 2. Hazards Identification

#### **GHS Classification:**

Skin Irritation Category 1B Eye Damage Category 1 Germ Cell Mutagenicity 2

Toxic to Reproduction Category 1B

Specific Target Organ Toxicity - Single Exposure Category 1 Specific Target Organ Toxicity - Repeated Exposure Category 1

Aquatic Toxicity - Chronic Category 2

Label Elements: Danger









#### **Hazard Phrases**

H314 Causes severe skin burns and eye damage. H318 Causes serious eye damage.

May cause an allergic skin reaction. H317 Suspected of causing genetic defects. H341 May damage fertility or the unborn child. H360 Causes damage to organs (thymus gland). H370

H372 Causes damage to organs (thymus gland) through

prolonged or repeated exposure.

Toxic to aquatic life with long-lasting effects. H411

# **Precautionary Phrases**

Do not handle until all safety precautions have been P202

read and understood.

P260 Do not breathe mists/vapors/spray. Wash thoroughly after handling. P264

Contaminated clothing should not be allowed out of the P272

workplace.

P273 Avoid release to the environment.

P280 Wear protective gloves, protective clothing, eye

protection, and face protection.

P301+330+331 IF SWALLOWED: Rinse mouth. Do NOT induce

vomiting.

P302+361+353 IF ON SKIN: Take off immediately all contaminated

clothing. Rinse skin with water/shower.

If skin irritation or rash occurs: Get medical attention. P333+313 P305+351+338 IF IN EYES: Rinse cautiously with water for several

minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P307+311 If exposed: Call a POISON CENTER or doctor. P337+313 If eye irritation persists: Get medical attention.

P 391 Collect spillage.

P501 Dispose of contents and container in accordance with

local, regional and national regulations.

Supplemental Information: This is one part of a system. Read and understand the hazard information on Parts A and B before using.

# 3. Composition/Information on Ingredients

Chemical Name	CAS#	<b>GHS Classification</b>	%
Dibutyltin diacetate	1067-33-0	Skin Corr/Irrit 1B Eye Damage/Irrit 1 Skin Sensitization 1 Mutagenicity 2 Reproductive Tox 1B STOT-SE 1 STOT-RE 1 Aquatic Acute 1 Aquatic Chronic 1	10

Other ingredients are not classified as health and/or environmental hazards, and/or are present below cut-off/concentration limits.

## 4. First-Aid Measures

Eye Contact: Rinse thoroughly with water, holding the eyelids open to be sure the material is washed out. Remove contact lenses, if present and easy to do. Continue rinsing for 15 minutes. Get medical attention if irritation develops and persists.

Skin Contact: Wash contact area thoroughly with soap and water. Get medical attention if irritation develops and persists.

Inhalation: If breathing is difficult, remove person to fresh air. If experiencing difficulty breathing, call a doctor.

**Ingestion:** If swallowed, rinse mouth. Drink water. Get medical

Most Important Symptoms/Effects: Skin/eye burns. Possible reproductive and/or organ damage.

**Indication of Immediate Medical Attention/Special Treatment:** Skin/eye burns.

# 5. Fire-Fighting Measures

Extinguishing Media: Carbon dioxide, dry chemical, foams, or water

Specific Hazards: Not classified as flammable. May generate toxic gases in fire conditions.

**Special Protective Equipment and Precautions for Fire-Fighters:** Wear SCBA & full-body protective suit. Cool hot containers with water.

#### 6. Accidental Release Measures

Personal Precautions, Protective Equipment and Emergency

**Procedures:** Remove ignition sources. Clear non-emergency personnel from the area. Caution: spill area may be slippery. Avoid eye and skin

Methods and Materials for Containment and Cleanup: Contain spill and prevent/minimize release to the environment. Collect and containerize material for disposal.

## **Handling and Storage**

Safe Handling: Avoid contact with eyes, skin and clothing. Use in a ventilated area. Wash hands after handling.

Safe Storage: Store indoors at temperatures between 60 and 95°F. Store in original containers. Avoid getting moisture into containers. Keep containers tightly closed.

# 8. Exposure Controls/Personal Protection

**Exposure Limits:** 

Tin, organic compounds 0.1 mg/m<sup>3</sup> OSHA PEL

0.1 mg/m<sup>3</sup> TWA ACGIH TLV 0.2 mg/m<sup>3</sup> STEL ACGIH TLV

Engineering Controls: Provide local or general exhaust.

Personal Protective Equipment: Wear eye protection (e.g., chemical safety goggles) and impervious rubber (e.g., nitrile) gloves.



Other Protective Measures: An eyewash and washing facility should be available in the work area.

# 9. Physical and Chemical Properties

Appearance: Clear pale yellow liquid

**Odor:** Slight vinegar

Odor Threshold: No data available

**pH:** Not applicable

Melting Point: No data available Boiling Point: No data available Flash Point: >236°C (estimated) Evaporation Rate: No data available Flammable Limits: No data available Vapor Pressure: No data available Vapor Density: No data available Relative Density: 0.97 @ 25°C

Partition Coefficient: n-octanol/Water: No data available

Auto-Ignition Temp: No data available **Decomposition Temp:** No data available

Viscosity: 50-100 cP @ 25°C

Solubility: Insoluble in water

## 10. Stability and Reactivity

Reactivity: Not normally reactive.

Chemical Stability: Stable under recommended conditions.

Possibility of Hazardous Reactions: None known.

Conditions to Avoid: Excessive heat.

**Incompatible Materials:** Mineral acids and strong oxidizers. Hazardous Decomposition Products: Thermal decomposition will generate carbon monoxide and carbon dioxide and other toxic and irritating fumes.

## 11. Toxicological Information

**Eye Contact:** Causes serious eye irritation. Skin Contact: Causes severe skin burns.

**Inhalation:** Vapors or mists may cause mild respiratory irritation. Ingestion: May be harmful if swallowed especially to mouth, throat and

stomach lining.

Chronic Health Effects: Possible harmful reproductive effects and harm to thymus gland.

Acute Toxicity Values: For dibutyltin diacetate, LD50-Oral no data available; Dermal LD50-Dermal 2,318 mg/kg (rabbit).

Germ Cell Mutagenicity: Dibutyltin diacetate is suspected of causing genetic defects.

Carcinogenicity: Relevant components are not listed as known or suspected carcinogens by NTP, IARC or OSHA.

Reproductive Toxicity: Dibutyltin diacetate may damage fertility or the

Specific Target Organ Toxicity: May cause respiratory irritation. Exposure to dibutyltin diacetate may result in damage to the thymus gland through single or prolonged or repeated exposure.

# 12. Ecological Information

Ecotoxicity: For dibutyltin diacetate, EC50 Daphnia is 1.4 mg/l. Based on Summation Method, mixture is judged to be Hazardous to the Aquatic Environment, Chronic Category 2.

Persistence and Degradability: Dibutyltin compounds are not readily biodegradable.

Bioaccumulative Potential: No data available.

Mobility in Soil: No data available.

# 13. Disposal Considerations

Dispose according to local, regional and national regulations.

For U.S.: Upon disposal, is not a RCRA characteristic hazardous waste (40 CFR 261). Do not discharge to POTW or waterways.

# 14. Transport Information

U.S.: UN3265, Corrosive liquid, acidic, organic, n.o.s. (dibutyltin compound), 8, III, LTD QTY. Only packaged in containers eligible for LTD QTY or small quantity (49 CFR 173.4) exceptions.

International shipments: UN3265, Corrosive liquid, acidic, organic,

n.o.s. (dibutyltin compound), 8, III, LTD QTY.

Emergency Shipping Information: Call CHEMTREC, 800-424-9300 or

+1-703-527-3887

# 15. Regulatory Information

#### U.S. FEDERAL REGULATIONS:

CERCLA 103 Reportable Quantity: Not subject to reporting under CERCLA. Some states have more stringent reporting requirements. Report all spills in accordance with local, state, and federal regulations.

Hazard Category for Section 311/312: Acute/Chronic

Section 313 Toxic Chemicals: Does not contain chemicals subject to

SARA Title III Section 313 Reporting requirements.

Section 302 Extremely Hazardous Substances (TPO): None

EPA Toxic Substances Control Act (TSCA) Status: All components are listed on the TSCA inventory.

#### STATE REGULATIONS:

California Proposition 65: No warning required based on estimated risk from maximum potential daily exposure.

## 16. Other Information

Training Advice: All personnel using/handling these products should be trained in proper chemical handling and the need for and use of engineering controls and protective equipment.

Recommended Uses and Restrictions: For industrial or professional use only.

SDS Revision Notes: New GHS SDS; Mar. 26, 2015. Replaces Aug 5, 2011 version.

**Disclaimer:** The information contained herein is considered accurate; however, Polytek® makes no warranty regarding the accuracy of the information. The user must determine the suitability of the product for the intended use and accepts all risk and liability associated with that use.