



Poly-Plast™ 568

1. Identification**Product Name:** Poly-Plast™ 568**Item #:** 9336**Web SDS:** S84**Synonyms:** No information available**Recommended Use:** Laboratory chemicals.**Restrictions on Use:** No Information available**Manufacturer:**BBC Biochemical
409 Eleanor Lane,
Mount Vernon, WA 98273
1-800-635-4477**In Case of Emergency:**Chemtec US 1-800-424-9300
Chemtec International 703-527-3887**2. Hazards Identification****OSHA Hazard Classification(s):**Specific Target Organ Toxicity (single exposure) - Category 3
Specific Target Organ Toxicity (repeated exposure) - Category 2**Signal Word:** Warning**Hazard Statement(s):** May cause respiratory irritation May cause damage to organs (kidney) through prolonged or repeated exposure**Pictogram(s):****Precautionary Statement(s):**

Prevention: Do not breathe dust/fume/gas/mist/vapors/spray Use only outdoors or in a well-ventilated area

Response: Get medical attention/advice if you feel unwell

Inhalation: IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing Call a POISON CENTER or doctor/physician if you feel unwell

Storage: Store in a well-ventilated place. Keep container tightly closed Store locked up

Disposal: Dispose of contents/container to an approved waste disposal plant

Descriptions of Hazards not otherwise classified: Toxic to aquatic life with long lasting effects**Percent of mixture with unknown acute toxicity:** N/A**3. Composition and Information on Ingredients**

Chemical Name	Common Name	CAS #	Concentration %
Paraffin waxes and Hydrocarbon waxes		8002-74-2	80-85
2, 6-Di-tert-butyl-p-cresol		128-37-0	15-18
Polyisobutylene		9003-27-4	3-5

4. First Aid Measures**Eye Contact:** Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes.**Skin Contact:** Wash off immediately with plenty of water for at least 15 minutes.**Inhalation:** Move to fresh air.**Ingestion:** Do not induce vomiting.**Symptoms:** No information available.**Recommendations for immediate medical care/special treatment:** Treat symptomatically

**Poly-Plast™ 568****5. Fire- Fighting Measures**

Extinguishing Media: Water spray. Carbon dioxide (CO₂). Water.

Fire Hazards (Chemical): Flash Point greater than 204.4 °C / 399.9 °F

Special Protective Equipment: As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

Precautions for Firefighters: Keep product and empty container away from heat and sources of ignition.

6. Accidental Release Measures

Emergency Procedures: Evacuate the area of all unnecessary personnel. Wear suitable protective equipment. Eliminate all sources of ignition and provide ventilation.

Protective Equipment: Ensure adequate ventilation.

Environmental Precautions: See Section 12 for additional ecological information. Avoid release to the environment. Collect spillage.

Containment and Clean-Up Procedures: Avoid dust formation. Sweep up or vacuum up spillage and collect in suitable container for disposal.

7. Handling and Storage

Handling: Ensure adequate ventilation.

Storage: Keep containers tightly closed in a dry, cool and well-ventilated place.

8. Exposure Controls/Personal Protection**OSHA Permissible Exposure Limits (PELs):**

Reagent	CAS #	OSHA PEL TWA
Paraffin waxes and Hydrocarbon waxes	8002-74-2	(Vacated) TWA: 2 mg/m ³
2,6-Di-tert-butyl-p-cresol	128-37-0	(Vacated) TWA: 10 mg/m ³

ACGIH Threshold Limit Values (TLVs):

Reagent	CAS #	ACGIH PEL TLV	ACGIH STEL
Paraffin waxes and Hydrocarbon waxes	8002-74-2	TWA: 2 mg/m ³	N/A
2,6-Di-tert-butyl-p-cresol	128-37-0	TWA: 2 mg/m ³	N/A

Engineering Controls: Ensure adequate ventilation, especially in confined areas.

Personal Protective Measures:

Eye/face Protection Wear: appropriate protective eyeglasses or chemical safety goggles as described by OSHA's eye and face protection regulations in 29 CFR 1910.133 or European Standard EN166.

Skin and body protection: Wear appropriate protective gloves and clothing to prevent skin exposure.

Respiratory Protection: Follow the OSHA respirator regulations found in 29 CFR 1910.134 or European Standard EN 149. Use a NIOSH/MSHA or European Standard EN 149 approved respirator if exposure limits are exceeded or if irritation or other symptoms are experienced.

Hygiene Measures: Handle in accordance with good industrial hygiene and safety practice.

Special PPE Requirements: If ventilation hood not available wear respirator.

9. Physical and Chemical Properties Section

Appearance: White, Solid

Molecular Weight: N/A

Molecular Formula: N/A

pH: N/A

Boiling Point and Boiling Range: 315.5 °C / 599.9 °F

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Melting Point/Freezing Point: 56-57 °C / 131-134.6 °F
Flash Point: Greater than 204.4 °C / 399.9 °F
Specific Gravity/Relative Density: N/A
Odor: Slight
Odor Threshold: N/A
Color: White
Flammability (solid/gas): N/A
Vapor Density: N/A
Upper/Lower flammability or explosive limits: N/A
Vapor Pressure: N/A
Evaporation Rate: N/A
Partition Coefficient: n-octanol/water: N/A
Viscosity: N/A
Auto-ignition temperature: N/A
Solubility: Insoluble in water
Decomposition Temperature: N/A

10. Stability and Reactivity

Reactivity: None known, based on information available
Chemical Stability: Stable
Conditions of Stability/Instability: Stable under normal conditions.
Stabilizers needed: N/A
Safety issue indicated by appearance change: N/A
Other: N/A
Hazardous Reactions: None under normal processing.
Hazardous Polymerization: Hazardous polymerization does not occur.
Conditions to avoid: Incompatible products.
Classes of Incompatible Materials: Strong oxidizing agents
Hazardous Decomposition Products: None under normal use conditions

11. Toxicological Information**Likely Routes of Exposure**

Eyes: Irritation.
Skin: Irritation.
Inhalation: Dizziness, headache.
Ingestion: Nausea.

Signs or Symptoms of Exposure: Nausea.

Effects from short term exposure (delayed, immediate, chronic): Irritation to the eyes, nose, throat; headache, dizziness, nausea.

Acute Toxicity (Numerical Measures):

Oral LD50 : Based on ATE data, the classification criteria are not met. ATE > 2000 mg/kg.
Dermal LD50 : Based on ATE data, the classification criteria are not met. ATE > 2000 mg/kg.
Mist LC50 : Based on ATE data, the classification criteria are not met. ATE > 5 mg/l.

Component: 2,6-Di-tert-butyl-p-cresol
LD50(oral,rat)=890mg/kg, LD50(oral,rat)=>2000mg/kg;
LD50 Dermal=not listed;
LD50 Inhalation=not listed

Carcinogenicity (NTP, IARC, OSHA): No ingredients are listed as carcinogens under IARC, NTP, ACGIH, OSHA, Mexico

**Poly-Plast™ 568****12. Ecological Information****Ecotoxicity:**

2,6-Di-tert-butyl-p-cresol:

Freshwater Algae: EC50=0.758 mg/L 96h ; EC50=6 mg/L 72h

Freshwater Fish: LC50=0.199mg/L 96h

Microtox: EC50=7.82 mg/L 5min ; EC50=8.57 mg/L 15min ; EC50=8.98 mg/L 30min

Water Flea: EC50>0.31mg/L 48h

Persistence and degradability: No information available**Bioaccumulation Potential (octanol-water partition coefficient, BCF):** No information available**Mobility in the soil:**

2,6-Di-tert-butyl-p-cresol: log Pow=4.17

Microcrystalline wax: log Pow>6

Adverse Environmental Effects: N/A**13. Disposal Considerations****Recommended Disposal Containers:** Chemical waste generators must determine whether a discarded chemical is classified as a hazardous waste. Chemical waste generators must also consult local, regional, and national hazardous waste regulations to ensure complete and accurate classification.**Recommended Disposal Methods:** Do not dispose of in drains, check with your local waste authorities.***Physical/Chemical Properties affecting Disposal:** See section 2 and section 9 applicable information.***Special Precautions for Landfill and Incineration Activities:** Check with your local waste authorities.***Waste Stream:** Consult your local or regional authorities.***14. Transport Information****UN Number:** Not regulated**UN Proper Shipping Name:****Transport Hazard Class(es):****Packing Group Number:****Environmental Hazards (IMDG code):****Marine Pollutant:****Transport in Bulk (IBC Code):****Special Transport Precautions:****15. Regulatory Information****OSHA:** N/A**DOT:** Not regulated**EPA:** N/A**CPSC:** N/A



Safety Data Sheet

Poly-Plast™ 568

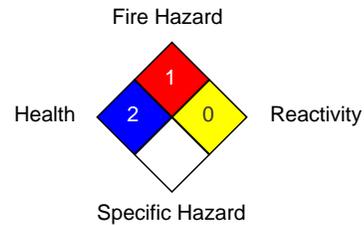
16. Other Information

Revision Date: 04/13/2015

NFPA

Health	2
Fire Hazard	1
Reactivity	0
Specific Hazard	

National Fire Protection Association (USA) NFPA



HMIS

Health	2
Flammability	1
Physical Hazard	0
Personal Protection	

Hazardous Material Information System HMIS

Health	2
Flammability	1
Physical Hazard	0
Personal Protection	

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