

**Section 1 - Identification**

- 1.1 Product Identifier:** Plasti-Soft Bio Plasticizer
- 1.2 General Use:** Non-toxic Phthalate Plasticizer Alternative
- 1.3 Manufacturer:** The Monster Makers, Inc.,  
13597 West Parkway Rd., Cleveland, OH 44135  
Phone: (216) 671-8700  
[sales@monstermakers.com](mailto:sales@monstermakers.com)
- 1.4 Emergency Contact:** Chem-Tel  
Domestic: 800-255-3924 International 813-248-0585

**Section 2 - Hazards**

- 2.1 Classification of the substance or mixture**  
Not a hazardous substance or mixture according to United States Occupational Safety and Health Administration (OSHA) 2012 Hazard Communication Standard (29 CFR 1910.1200), the Canadian Workplace Hazardous Materials Information System (WHMIS) and Regulation (EC) No 1272/2008 and subsequent amendments.
- 2.2 GHS Label elements, including precautionary statements**  
**Pictograms:** none  
**Signal Word:** none  
General  
**Precautions:** P101 If medical advice is needed, have product container or label at hand.  
P102 Keep out of reach of children.  
P103 Read label before use.

**Hazards not otherwise classified (HNOC) or not covered by GHS****Section 3 - Composition / Information on Ingredients****3.1 Substances**

The manufacturer lists no ingredients as hazardous according to OSHA 29 CFR 1910.1200.

\*Designates that a specific chemical identity and/or percentage of composition has been withheld as a trade secret

**Section 4 - First Aid Measures**

- 4.1 Description of first aid measures**  
**Inhalation:** Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if irritation occurs.  
**Eye Contact:** Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses.  
**Skin Contact:** Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.



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**Ingestion:** Wash out mouth with water. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur.

**4.2 Most important symptoms and effects, both acute and delayed:** None known

**4.3 After first aid, get appropriate in-plant, paramedic, or community medical support.**

**Section 5 - Fire-Fighting Measures**

- 5.1 Extinguishing Media:** In case of fire, use water spray (fog), foam, dry chemical or CO<sub>2</sub>.
- 5.2 Special hazards arising from the substance or mixture:** In a fire or if heated, a pressure increase will occur and the container may burst.
- 5.3 Advice for firefighters:** Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training. Fire fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

**Section 6 - Accidental Release Measures**

- 6.1 Personal Precautions, protective equipment and emergency procedures:**  
Make sure to wear appropriate protections such as gloves, goggles, and masks. In case of massive spill, evacuate people to a safe area. Be assured to ventilate as necessary.
- 6.2 Environmental precautions:** Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air)
- 6.3 Methods and materials for containment and cleaning up:** Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor. Prevent entry into sewers, water courses, basements or confined areas. Wash spillages into an effluent treatment plant or proceed as follows. Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations (see Section 13)

**Section 7 - Handling and Storage**

- 7.1 Precautions for safe handling:** Put on appropriate personal protective equipment. Eating drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas.
- 7.2 Conditions for safe storage, including any incompatibilities:** Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (See section10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination.

**Section 8 – Exposure Controls / Personal Protection****8.1 Control Parameters:**

**Exposure controls:** Good general ventilation should be sufficient to control worker exposure to airborne contaminants. Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.

**Respiratory Protections:** Based on the hazard and potential for exposure, select a respirator that meets the appropriate standard for certification. Respirators must be used according to a respiratory protection program to ensure proper fitting, training, and other important aspects of use.

**Hand Protection:** Impervious (chemical-/oil-proof) protective gloves

**Eye Protection:** Safety glasses with side shield. (Goggle type if necessary)

**Other Protective Clothing/Equipment:** Appropriate footwear and any additional skin protection measures should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

**Comments:** Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing, Ensure that eyewash stations and safety showers are close to the workstation location.

**Section 9 - Physical and Chemical Properties****9.1 Information on basic physical and chemical properties:**

|   |  |
|---|--|
| <b>Appearance:</b> Translucent Liquid                 | <b>Vapor Pressure:</b> N/A                             |
| <b>Odor/Threshold:</b> Almost odorless                | <b>Vapor Density (Air=1):</b> N/A                      |
| <b>pH:</b> Approx 7.3 at 1% aq. solution of anhydride | <b>Specific Gravity (H<sub>2</sub>O=1, at 4C):</b> N/A |
| <b>Melting Point/Freezing Point:</b> N/A              | <b>Water Solubility:</b> N/A                           |
| <b>Low/High Boiling Point:</b> N/A                    | <b>Partition Coefficient:</b> N/A                      |
| <b>Flash point:</b> N/A                               | <b>Auto-Ignition Temperature:</b> N/A                  |
| <b>Evaporation Rate :</b> N/A                         | <b>Decomposition Temperature:</b> N/A                  |
| <b>Flammability:</b> N/A                              | <b>Viscosity:</b> N/A                                  |
| <b>UEL/LEL:</b> N/A                                   | <b>% Volatile:</b> N/A                                 |

**Section 10 - Stability and Reactivity**

**10.1 Reactivity:** Stable

**10.2 Chemical Stability:** No self-reactivity

**10.3 Possibility of hazardous reactions:** N/A

**10.4 Conditions to avoid:** Keep away from extreme heat and oxidizing agents.

**10.5 Incompatible Materials:** Keep away from strong acids.

**10.6 Hazardous Decomposition Products:** Under normal conditions of storage and use, hazardous decomposition products should not be produced.

**Section 11 - Toxicological Information****11.1 Information on Toxicological Effects:**

**Skin Corrosion/Irritation:** N/A

**Serious Eye Damage/Irritation:** N/A

**Respiratory/Skin Sensitization:** N/A

**Germ Cell Mutagenicity:** N/A

**Carcinogenicity:** N/A

**Reproductive Toxicity:** N/A

**Specific Target Organ Toxicity - Single Exposure:** N/A

**Specific Target Organ Toxicity - Repeated Exposure:** N/A

**Potential Health Effects - Miscellaneous:** None known

**Section 12 - Ecological Information**

**12.1 Ecotoxicity:** N/A

**12.2 Persistence and Degradability:** N/A

**12.3 Bioaccumulative Potential:** N/A

**12.4 Mobility in Soil:** N/A

**13 - Disposal Considerations**

**13.1 Waste Treatment Methods:** The generation of waste should be avoided or minimized wherever possible, Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible. This material and its container must be disposed of in a safe way. Empty containers or liners may retain some product residues. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains, and sewers.

**Section 14 - Transport Information**

**14.1 UN Number:** N/A

**14.2 UN Proper Shipping Name:** N/A

**14.3 Transport Hazard Class(es):** N/A

**14.4 Packing Group:** N/A

**14.5 Environmental Hazards:** N/A

**Section 15 - Regulatory Information**

**15.1 Safety Health and environmental regulation/legislation specific for the substance or mixture:  
In the United States (EPA Regulations):** N/A

**TSCA Inventory Status (40 CFR710):** N/A

**SARA 302 Components:** N/A

**SARA 311/312 Hazard(s):** N/A

**SARA 313 Components:** N/A



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California Prop. 65

This product does not contain any chemical known to the State of California to cause cancer, or birth defect or other reproductive harm, in concentrations that require a warning notice under California's Proposition 65.

Section 16 - Other Information

| HMIS |   |
|------|---|
| H    | 0 |
| F    | 0 |
| R    | 0 |



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**Glossary:** ACGIH-American Conference of Governmental Industrial Hygienists; ANSI-American National Standards Institute; Canadian TDG-Canadian Transportation of Dangerous Goods; CASChemical Abstract Service; Chemtrec-Chemical Transportation Emergency Center (US); CHIPChemical Hazard Information and Packaging; DSL-Domestic Substances List; EC-Equivalent Concentration; EH40 (UK)-HSE Guidance Note EH40 Occupational Exposure Limits; EPCRAEmergency Planning and Community Right-To-Know Act; ESL-Effects screening levels; GHS-Globally Harmonized System of Classification and Labelling of Chemicals; HMIS-Hazardous Material Information Service; IATA-International Air Transport Association; IMDG-International Maritime Dangerous Goods Code; LC-Lethal Concentration; LD-Lethal Dose; LEL-Lower Explosion Level; NFPA-National Fire Protection Association; OEL-Occupational Exposure Limit; OSHA-Occupational Safety and Health Administration, US Dept. of Labor; PEL-Permissible Exposure Limit; SARA (Title III)-Superfund Amendments and Reauthorization Act; SARA 313-Superfund Amendments and Reauthorization Act, Section 313; SCBA-Self-Contained Breathing Apparatus; STEL-Short Term Exposure Limit; TCEQTexas Commission on Environmental Quality; TLV-Threshold Limit Value; TSCA-Toxic Substances Control Act Public Law 94-469; TWA-Time Weighted Value; UEL-Upper Explosion Level; US DOT-US Department of Transportation; WHMIS-Workplace Hazardous Materials Information System.

**Disclaimer:** The information contained in this Safety Data Sheet (SDS) is considered accurate as of the version date. However, no warranty is expressed or implied regarding the accuracy of the data. Since the use of this product is not within the control of The Monster Makers, Inc. regardless of the legal theory advanced, it is the user's obligation to determine the suitability of the product for its intended application and assumes all risk and liability for its safe use. This SDS is prepared to comply with the Globally Harmonized System of Classification and Labelling of Chemicals (GHS) as prescribed by the United States (US) Occupational Safety and Health Administration (OSHA) Hazard Communication Standard (29 CFR 1910.1200), the Canadian Workplace Hazardous Materials Information System



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(WHMIS), and European Union Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 (REACH). Classifications of the chemical in accordance with 29 CFR 1910.1200, signal word, hazard and precautionary statement(s), symbol(s) and other information are based on listed concentration of each hazardous ingredient. Unlisted ingredients are not "hazardous" per the OSHA Hazard Communication Standard (29 CFR 1910.1200), WHMIS and EC No 1907/2006 and are considered trade secrets under US Federal Law (29 CFR and 40 CFR), Canadian Law (Health Canada Legislation), and European Union Directives.