

84310-1001



## Safety Data Sheet

 GHS Compliant

SDS No. CCSOFTENER

<b>Section 1 - Identification</b>
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- 1.1 Product Identifier:** Cosclay® Clay Softener
- 1.2 General Use:** Plasticizer; Softening agent for oven curing modeling clay
- 1.3 Manufacturer:** The Cosclay Company, Inc.  
13957 West Parkway Rd., Cleveland, OH 44135  
Phone: (216) 671-8700  
[info@cosclay.com](mailto:info@cosclay.com)
- 1.4 Emergency Contact:** Chem-Tel  
Domestic: 800-255-3924 International 813-248-0585

<b>Section 2 - Hazards</b>
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- 2.1 Classification of the substance or mixture:** This product is not hazardous as defined in 29 CFR1900.1200. 1200-48. In the event of a medical emergency, compositional information will be provided to a physician or nurse.

Product labeling conforms to ASTM D-4236 (no special label required).

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.

## Prevention

Precautions: P202: Do not handle until all safety precautions have been read and understood.  
P264: Wash with soap and water thoroughly after handling.  
P281: Use personal protective equipment as required.

<b>Section 3 - Composition / Information on Ingredients</b>
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**3.1 Substances:**

Name	CAS#	% by Weight
proprietary blend of esters	proprietary	100

<b>Section 4 - First Aid Measures</b>
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**4.1 Description of first aid measures**

**Inhalation:** Move to fresh air.  
Treat symptomatically.  
If symptoms persist, call a physician.

**Eye Contact:** Immediately flush with water for 15 minutes or until irritation subsides. If irritation persists, call a physician.

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**Skin Contact:** In case of skin contact, remove any contaminated clothing and wash skin with soap and water.

**Ingestion:** Seek medical advice.

**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:** Foam, water spray (fog), dry chemical, carbon dioxide, and vaporizing liquid type extinguishing agents may all be suitable for extinguishing fires involving this type of product. Do not use a solid water stream as it may scatter and spread fire.

**5.2 Special hazards arising from the substance or mixture:**

In the event of overheating, carbon monoxide, carbon dioxide and noxious hydrochloric acid vapors may occur.

**5.3 Advice for firefighters:**

Wear an approved positive pressure self-contained breathing apparatus in addition to standard fire fighting gear.

#### Section 6 - Accidental Release Measures

**6.1 Personal Precautions, protective equipment and emergency procedures:**

Use personal protective equipment. Local authorities should be advised if significant spillages cannot be contained.

**6.2 Environmental precautions:**

Contain spill area. Comply with local, state, and federal regulatory agency regulations on reporting releases.

**6.3 Methods and materials for containment and cleaning up:**

Contain spillage, soak up with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and transfer to a container for disposal according to local / national regulations (see section 13).

#### Section 7 - Handling and Storage

**7.1 Precautions for safe handling:**

Wash hands with soap and water before eating, drinking, smoking or use of toilet facilities

**7.2 Conditions for safe storage, including any incompatibilities**

Store product at room temperature in a dry, well ventilated area. Keep container closer when not in use

#### Section 8 – Exposure Controls / Personal Protection

**8.1 Control Parameters:** Contains no substances with occupational exposure limit values.

**8.2 Exposure controls:**

**Respiratory Protections:** Respiratory protection is not required under conditions of normal use.

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**Hand Protection:** Wear suitable gloves.  
**Eye Protection:** Safety glasses to protect eyes against chemicals depending on the concentration and quantity of the substance.

**Comments:**

Section 9 - Physical and Chemical Properties
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<b>9.1 Information on basic physical and chemical properties:</b> <table border="1"> <tbody> <tr> <td> <b>Appearance:</b> Liquid, colorless  <b>Odor/Threshold:</b> Mild  <b>pH:</b> N/A  <b>Melting Point/Freezing Point:</b>            &lt; 3°F / &lt; -16 °C  <b>Low/High Boiling Point:</b>            &gt; 626 °F / &gt; 330 °C (760 mm Hg)  <b>Flash point:</b> 390 °F / 199 °C  <b>Evaporation Rate:</b> N/A  <b>Flammability:</b> N/A  <b>UEL/LEL</b> </td> <td> <b>Vapor Pressure:</b> N/A  <b>Vapor Density (Air=1):</b> N/A  <b>Specific Gravity (H<sub>2</sub>O=1, at 4C):</b> N/A  <b>Water Solubility:</b> negligible  <b>Partition Coefficient:</b>  <b>Auto-Ignition Temperature:</b> N/A  <b>Decomposition Temperature:</b> Thermal stability not tested. Low stability hazard expected at normal operating temperatures.  <b>Viscosity:</b> 40 mPa.s (77 °F / 25 °C) Method: Brookfield rotational viscosity  <b>% Volatile:</b> N/A         </td> </tr> </tbody> </table>	<b>Appearance:</b> Liquid, colorless <b>Odor/Threshold:</b> Mild <b>pH:</b> N/A <b>Melting Point/Freezing Point:</b> < 3°F / < -16 °C <b>Low/High Boiling Point:</b> > 626 °F / > 330 °C (760 mm Hg) <b>Flash point:</b> 390 °F / 199 °C <b>Evaporation Rate:</b> N/A <b>Flammability:</b> N/A <b>UEL/LEL</b>	<b>Vapor Pressure:</b> N/A <b>Vapor Density (Air=1):</b> N/A <b>Specific Gravity (H<sub>2</sub>O=1, at 4C):</b> N/A <b>Water Solubility:</b> negligible <b>Partition Coefficient:</b> <b>Auto-Ignition Temperature:</b> N/A <b>Decomposition Temperature:</b> Thermal stability not tested. Low stability hazard expected at normal operating temperatures. <b>Viscosity:</b> 40 mPa.s (77 °F / 25 °C) Method: Brookfield rotational viscosity <b>% Volatile:</b> N/A
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Section 10 - Stability and Reactivity
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| <b>10.1 Reactivity:</b> None reasonably foreseeable.<br><b>10.2 Chemical Stability:</b> Stable under normal conditions.<br><b>10.3 Possibility of hazardous reactions:</b> Stable<br><b>10.4 Conditions to avoid:</b> None when used as intended<br><b>10.5 Incompatible Materials:</b> Strong oxidizing agents<br><b>10.6 Hazardous Decomposition Products:</b> Carbon monoxide Carbon dioxide (CO <sub>2</sub> ) |
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Section 11 - Toxicological Information
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<b>11.1 Information on Toxicological Effects:</b>
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**Skin Corrosion/Irritation:** Not classified based on available information.

**Serious Eye Damage/Irritation:** Not classified based on available information.

**Respiratory/Skin Sensitization:** Not classified based on available information.

**Germ Cell Mutagenicity:** Not classified based on available information.

**Reproductive Toxicity:** No known reports of reproductive effects in humans.  
 No known reports of embryotoxic effects in humans.

**CANCER, REPRODUCTIVE & OTHER CHRONIC HAZARDS:**



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No ingredient of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC, NTP, and OSHA.

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

<b>Section 12 - Ecological Information</b>
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**12.1 Toxicity:** This material poses no harmful effects to the environment provided material is used as intended and disposed of properly. Material is inherently biodegradable.

<b>13 - Disposal Considerations</b>
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**13.1 Waste Treatment Methods:** All disposals must comply with federal, state, and local regulations. Product as supplied does not meet the characteristics of a hazardous waste as defined in 40 CFR 261.21-24. If mixed with other products, waste mixture must be characterized. DO NOT dispose of this product in drains or storm sewers. Materials should be recycled, if possible.

<b>Section 14 - Transport Information</b>
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**14.1 Department of Transportation Classification:**  
NOT HAZARDOUS BY DOT REGULATIONS

<b>Section 15 - Regulatory Information</b>
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**15.1 Safety Health and environmental regulation/legislation specific for the substance or mixture: In the United States (EPA Regulations):**

**SARA 302 Components:** N/A

**SARA 311/312 Hazard(s):** This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313

**15.2 FOOD & DRUG ADMINISTRATION (FDA):**

This material has Generally Recognized as Safe (GRAS) status under specific FDA regulations. Additional information is available from the Code of Federal Regulations (CFR) which is accessible on the FDA's website.

**15.3 STATE REGULATIONS:**

No components of this material require labeling under California Proposition 65. None of this product's components are listed on the state lists from CA, FL, MA, MN, NJ, and PA.

**15.4 CANADA: WORKPLACE HAZARDOUS MATERIALS INFORMATION SYSTEM (WHMIS)**

None of this product's components are listed on the Canadian Controlled Product Ingredient Disclosure List.

<b>Section 16 - Other Information</b>
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<b>HMIS</b>	
<b>H</b>	<b>0</b>
<b>F</b>	<b>0</b>
<b>R</b>	<b>0</b>

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This SDS applies to the following colors which are associated with non-hazardous ingredients and conform to ASTM D-4236

**SDS Version: 2**

**Date Prepared: 09/13/21**

**Glossary:** ACGIH-American Conference of Governmental Industrial Hygienists; ANSI-American National Standards Institute; Canadian TDG-Canadian Transportation of Dangerous Goods; CAS-Chemical Abstract Service; Chemtrec-Chemical Transportation Emergency Center (US); CHIP-Chemical Hazard Information and Packaging; DSL-Domestic Substances List; EC-Equivalent Concentration; EH40 (UK)-HSE Guidance Note EH40 Occupational Exposure Limits; EPCRA-Emergency 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; TCEQ-Texas 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 Cosclay Company, 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 (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.