

**PRODUCT REGULATORY INFORMATION SHEET****EASTMAN**

Print Date: 10/13/2016

Version: 06/20/2016 (00,002.00,023)

71003593

Tenite(TM) Butyrate 264E4861310 Clear Trsp

PRODUCT NAME	
Tenite(TM) Butyrate 264E4861310 Clear Trsp	

COMPANY INFORMATION	
Address	Eastman Chemical Company P. O. Box 511 Kingsport, TN 37662

FOOD CONTACT / FOOD ADDITIVE INFORMATION	
<b>North America Region</b>	
<b>United States</b>	
<b>Food Law Compliance</b>	Under regulations administered by the U.S. Food and Drug Administration (FDA), this product may lawfully be used in certain food-contact applications. The following regulations are applicable: 21 CFR 175.105; 21 CFR 175.230; 21 CFR 175.300; and 21 CFR 177.1200 . Additional uses permitted by cross-reference to these regulations can be found in 21 CFR sections: 175.380; 175.390; 176.170; 176.180; 177.1210; and 177.1400. The use of this substance is subject to the limitations stated in the respective regulations.
<b>FALCPA</b>	This product is not derived from the following materials identified in the Food Allergen Labeling and Consumer Protection Act of 2004 as major food allergens: milk, egg, fish, Crustacean shellfish, tree nuts, wheat, peanuts and soybeans.
Other Information	This product is manufactured, stored, handled and transported under conditions adhering to 21 CFR 174.5 on general provisions applicable to indirect food additives (i.e., current good manufacturing practices for food contact substances).

OTHER APPLICABLE REGULATIONS	
<b>EMEA Region</b>	
<b>European Union</b>	
Regulation (EC) No. 1907/2006 on the Registration, Evaluation and Authorisation of Chemicals (REACH) - Substances of Very High Concern	With reference to the SVHC Candidate List, as amended up to and including the 20 June 2016 update, this product placed on the market in the European Union is not known to contain any substances listed on the candidate list of Substances of Very High Concern (SVHC) in concentrations greater than or equal to 0.1% or those otherwise established under paragraph 6(b) of Article 56. For further information, refer to our website: <a href="http://www.eastman.com/reach">www.eastman.com/reach</a> .
Directive 2006/122/EC (Relating to Restrictions on the Marketing and Use of Certain Dangerous Substances and Preparations (perfluorooctane Sulfonates), as amended	This directive is superseded by amendments to Regulation (EC) No. 1907/2006 Annex XVII (Restrictions on the Manufacture, placing on the market and use of certain dangerous substances, preparations and articles). Perfluorooctane sulfonates & salts & esters (PFOS) are listed with a restriction of <0.005%. We do not analyse this product for these substances. We do not add these substances to the end product, and we do not expect that these

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	substances will be formed during manufacturing or under normal handling, storage and use conditions. Based on our knowledge of our raw materials and manufacturing processes, we have no reason to expect that these substances would be present.
Commission Recommendation 2006/88/EC (Presence of dioxins, furans, and PCBs in feedingstuffs and foodstuffs)	We have no reason to expect these substances to be present in this product. We do not analyze for these substances.
Regulation (EC) No. 1907/2006 on the Registration, Evaluation and Authorisation of Chemicals (REACH) - Substances of Very High Concern	With reference to the SVHC Candidate List, as amended up to and including the 20 June 2016 update, this product placed on the market in the European Union is not known to contain any substances listed on the candidate list of Substances of Very High Concern (SVHC) in concentrations greater than or equal to 0.1% or those otherwise established under paragraph 6(b) of Article 56. For further information, refer to our website: <a href="http://www.eastman.com/reach">www.eastman.com/reach</a> .
Directive 94/62/EC, Packaging and Packaging Waste (amended by 2004/12/EC, 2005/20/EC, and Regulation (EC) No 219/2009)	This statement covers the following heavy metals (or their compounds): Cadmium (Cd), Hexavalent chromium (Cr (6+)), Lead (Pb), Mercury (Hg). This product complies with the heavy metal content limits of this legislation. We have not specifically analyzed this product for the presence of these substances. Based on our knowledge of the raw materials and the manufacturing process, it is unlikely that any of these elements would be present in this product in concentrations exceeding the legislation limits.
Substances of Animal Origin Regulation 999/2001, as amended	Based on our knowledge of the raw materials and processes used in the manufacture of this product, we have no reason to expect that animal-derived or bovine-derived materials are present in this product. This product is manufactured using non-animal-derived raw materials. Additionally, this product does not contain, and is not derived from, specified risk materials as defined in EU regulations. This product is not derived from any constituent of animal origin, including ruminants. The equipment used in the manufacturing process of the product did not come into contact with a substance derived from animal origin.
Directive 2001/18/EC and Regulations 1829/2003 and 1830/2003 (Genetically Modified Organisms), as amended	This product is produced by the controlled esterification of purified raw cellulose with butyric acid and anhydride. The acid and anhydride are produced synthetically from fossil fuel sources, not derived from either plant or animal sources and, therefore, are not produced using genetically modified organisms (GMOs) or recombinant DNA technology. The raw cellulose is a purchased material and is derived from plant materials. Eastman Chemical Company cannot guarantee that the cellulose is not from genetically modified plants
Directive 2005/84/EC, Commission Decision 1999/815/EC (Phthalates), as amended	No esters of phthalic acid (also known as ortho-phthalic acid or diesters of 1,2-benzenedicarboxylic acid) are used in the manufacture of this product. This Directive states that certain phthalates shall not be used as substances or as constituents of preparations, at concentrations of greater than 0.1% by mass of the plasticised material, in toys and childcare articles. The listed phthalates are as follows: bis(2-ethylhexyl) phthalate (DEHP); dibutyl phthalate (DBP); benzyl butyl phthalate (BBP); di-iso-nonyl

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	<p>phthalate (DINP); di-isodecyl phthalate (DIDP); di-n-octyl phthalate (DNOP). We do not analyse this product for these phthalates. However, these substances are not used as a raw material, nor are they added to the manufacturing process or the end product.</p>
<p>Regulation (EC) No. 1005/2009 on Substances that Deplete the Ozone Layer</p>	<p>Eastman Chemical does not analyse this product for ozone depleting substances (ODS) that are classified as such by this legislation. Based on our knowledge of the raw materials and our manufacturing process, we do not expect the listed substances to be present in our product.</p>
<p>Directive 2011/65/EU (Restrictions of Hazardous Substances - RoHS2), as amended</p>	<p>To our knowledge, lead, mercury, cadmium, hexavalent chromium, polybrominated biphenyls (PBB) or polybrominated diphenyl ethers (PBDE), including decabromodiphenyl ether are not used as raw materials in this product, nor are they added during the production process or the end product. Although we do not routinely analyse our product for these substances, we have no reason to expect that lead, mercury, cadmium, hexavalent chromium, PBB or PBDE are present in this product, except as a possible trace impurity.</p>
<p>Regulation 2005/1895/EC (Epoxy Derivatives), as amended</p>	<p>Eastman Chemical Company does not analyse this product for the following epoxy substances: bis(hydroxyphenyl)methane bis (2,3-epoxypropyl) ethers (BFDGE) [and derivatives BFDGEH<sub>2</sub>O, BFDGEHCl; BFDGE<sub>2</sub>HCl; BFDGEH<sub>2</sub>O.HCl]; 2,2-bis(4-hydroxyphenyl) propane bis(2,3-epoxypropyl) ether (BADGE) [i.e. Bisphenol-A DiGlycidyl Ether, and derivatives BADGEH<sub>2</sub>O, BADGEHCl; BADGE<sub>2</sub>HCl; BADGEH<sub>2</sub>O.HCl]; Novolac glycidyl ethers (NOGE). However, these substances are not used as a raw material, nor are they added to the manufacturing process or the end product. This product complies with 2005/1895/EC, and amendments, which replaced Directive 2002/16/EC.</p>
<p>Regulation (EU) No. 528/2012 on Biocidal Products (repealed and replaced Directive 98/8/EC)</p>	<p>This regulation entered into force on September 1, 2013 with a transitional time for certain provisions. To discuss in detail the applicable requirements for this product, contact your Eastman representative. (Reference: <a href="http://ec.europa.eu/environment/biocides/2012/overview.htm">http://ec.europa.eu/environment/biocides/2012/overview.htm</a>).</p>
<p>EU Regulation 208/2005 (Polycyclic Aromatic Hydrocarbons), as amended</p>	<p>Eastman Chemical Company does not analyse this product for the following polycyclic aromatic hydrocarbons (PAH) defined in this amendment or Commission Regulation (EC) No 466/2001: Benzo[a]anthracene; Benzo[b]fluoranthene; Benzo[j]fluoranthene; Benzo[k]fluoranthene; Benzo[ghi]perylene; Benzo[a]pyrene; Chrysene; Cyclopenta[c,d]pyrene; Dibenzo[a,h]anthracene; Dibenzo[a,e]pyrene; Dibenzo[a,h]pyrene; Dibenzo[a,i]pyrene; Dibenzo[a,l]pyrene; Indeno[1,2,3-cd]pyrene; 5-methylchrysene, Benzo[c]fluorene. These substances are not used as a raw material, nor are they added to the manufacturing process or the end product. We have no reason to expect that the listed substances would be present in this product.</p>
<p>Directive 2004/42/EC (Volatile Organic Compounds), as amended</p>	<p>This product is not considered to be a volatile organic compound (VOC), nor does it contain a VOC, as defined in Article 5 of EU Directive 2004/42/EC (an organic substance with an initial boiling point less than or equal to 250 °C at a standard pressure of 101,3 kPa). Also, it is not considered a VOC, nor does it contain one, as defined in the Swiss ordinance on incentive taxes on volatile</p>

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	organic compounds (OVOC): "volatile organic compounds (VOC) are organic compounds with a vapour pressure of at least 0.1 mbar at 20°C or a boiling point of maximum 240°C at 1013.25 mbar". Vapor Pressure: negligible
<b>North America Region</b>	
<b>United States</b>	
21 CFR 189.5; 21 CFR 700.27 (BSE/TSE)	Based on our knowledge of the raw materials and processes used in the manufacture of this product, we have no reason to expect that bovine-derived materials are present in this product.
US CSG (CONEG)	This statement covers the following heavy metals (or their compounds): Cadmium (Cd), Hexavalent chromium (Cr (6+)), Lead (Pb), Mercury (Hg). These substances are not used as a raw material, nor are they added to the manufacturing process or the end product. Further, these substances would not be formed during manufacturing or under normal handling, storage and use conditions. We have not specifically analyzed this product for the presence of these substances. Based on our knowledge of the raw materials and the manufacturing process, it is unlikely that any of these elements would be present in this product in concentrations exceeding the legislation limits.
California Proposition 65	Eastman has not specifically analyzed this product for the purpose of identifying the presence of the substances listed in Proposition 65. Based on our knowledge of the raw materials and manufacturing process, we have no reason to expect that this product would contain substances at levels which would require warning as required by Proposition 65.
40 CFR Part 82 Subpart E, ODS	Eastman Chemical Company products are neither manufactured with nor contain any "ozone depleting substances" listed by the U.S. Environmental Protection Agency for the protection of stratospheric ozone (Title VI of the Clean Air Act, and 40 CFR Part 82, Subparts A and E, including chlorofluorocarbons, halons, carbon tetrachloride, methyl chloroform, hydrochlorofluorocarbons.) However, based on our knowledge of the raw materials and manufacturing process, these substances may be present in trace quantities in our products.
40 CFR 63 Subpart 112(b)(1), HAP	Section 112(b)(1) of the Clean Air Act defines Hazardous Air Pollutants (HAPs) that are subject to regulation by the United States Environmental Protection Agency. We have not analyzed this product against the entire HAP list. However, based on our current knowledge of the raw materials and manufacturing processes and analyses of representative product samples, We do not expect that any HAPs are present at or greater than 1.0 percent; and we do not expect any carcinogenic HAPs to be present at or greater than 0.1 percent.
40 CFR Part 60	Eastman has performed no specific testing of this product for VOC content. Based on the physical properties of this material, the VOC content is expected to be negligible when tested using EPA Method 24. Vapor Pressure: negligible
Consumer Product Safety Improvement Act of 2008	We have not analyzed this product for the following substances: Lead, Di-iso-nonyl phthalate (DINP); Di(2-ethylhexyl) phthalate (DEHP); Dibutyl phthalate (DBP); Di-iso-decyl phthalate (DIDP);

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	<p>Di-n-octyl phthalate (DNOP); Butylbenzyl phthalate (BBP). However, these substances are not used as a raw material, nor are they added to the manufacturing process or the end product. We have no reason to expect that these substances would be present above the threshold levels in this legislation (&gt;100 ppm for lead; and concentrations &gt;0.1% for the listed phthalates).</p>
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*Users should consider this regulatory information provided only as a supplement to other information, such as the Material Safety Data Sheet. It is the responsibility of our customers to determine that their use of our product(s) is safe, lawful, and technically suitable in their intended applications. Because of possible changes in the laws and regulations, as well as possible changes in our products, we cannot guarantee that the status of this product will remain unchanged. Therefore, we recommend that customers continuing to use this product verify its status periodically. For additional information about this product, please contact your Eastman representative or visit our website at [www.eastman.com](http://www.eastman.com).*

*Neither Eastman Chemical Company nor its marketing affiliates shall be responsible for the use of this information, or of any product, method or apparatus mentioned, and you must make your own determination of its suitability and completeness for your own use, for the protection of the environment, and for the health and safety of your employees and purchasers of your products. No warranty is made of the merchantability or fitness of any product, and nothing herein waives any of the Seller's conditions of sale.*