## Chapter 35 Albuminoidal Substances; Modified Starches; Glues; Enzymes

### Chapter Notes

1. This chapter does not cover:

(a) yeasts (heading 2102);

(b) blood fractions (other than blood albumin not prepared for therapeutic or prophylactic uses), medicaments or other products of Chapter 30;

(c) enzymatic preparations for pre-tanning (heading 3202);

(d) enzymatic soaking or washing preparations and other products of Chapter 34;

(e) hardened proteins (heading 3913); or

(f) gelatin products of the printing industry (Chapter 49).

2. For the purposes of heading 3505, the term 'dextrins' means starch degradation products with a reducing sugar content, expressed as dextrose on the dry substance, not exceeding 10%.

Such products with a reducing sugar content exceeding 10% fall in heading 1702.

### Additional note

1. Subheading 3504 0010 covers concentrated milk proteins with a protein content of more than 85% by weight, calculated on the dry matter.

| Classification | Description |
| --- | --- |
| **3501** | **Casein, caseinates and other casein derivatives; casein glues** |
| **3501 10** | **- Casein** |
| **3501 10 10** | - - For the manufacture of regenerated textile fibres |
| **3501 10 50** | - - For industrial uses other than the manufacture of foodstuffs or fodder |
| **3501 10 50 10** | - - - With a water content of more than 50% by weight |
| **3501 10 50 90** | - - - Other |
| **3501 10 90** | - - Other |
| **3501 90** | **- Other** |
| **3501 90 10** | - - Casein glues |
| **3501 90 90** | - - Other |
| **3502** | **Albumins (including concentrates of two or more whey proteins, containing by weight more than 80 % whey proteins, calculated on the dry matter), albuminates and other albumin derivatives** |
|  | **- Egg albumin** |
| **3502 11** | - - Dried |
| **3502 11 10** | - - - Unfit, or to be rendered unfit, for human consumption |
| **3502 11 90** | - - - Other |
| **3502 11 90 10** | - - - - crystals |
| **3502 11 90 90** | - - - - Other |
| **3502 19** | - - Other |
| **3502 19 10** | - - - Unfit, or to be rendered unfit, for human consumption |
| **3502 19 90** | - - - Other |
| **3502 20** | **- Milk albumin, including concentrates of two or more whey proteins** |
| **3502 20 10** | - - Unfit, or to be rendered unfit, for human consumption |
|  | - - Other |
| **3502 20 91** | - - - Dried (for example, in sheets, scales, flakes, powder) |
| **3502 20 99** | - - - Other |
| **3502 90** | **- Other** |
|  | - - Albumins, other than egg albumin and milk albumin (lactalbumin) |
| **3502 90 20** | - - - Unfit, or to be rendered unfit, for human consumption |
| **3502 90 70** | - - - Other |
| **3502 90 90** | - - Albuminates and other albumin derivatives |
| **3503** | **Gelatin (including gelatin in rectangular (including square) sheets, whether or not surface-worked or coloured) and gelatin derivatives; isinglass; other glues of animal origin, excluding casein glues of heading 3501** |
| **3503 00 10** | **- Gelatin and derivatives thereof** |
| **3503 00 80** | **- Other** |
| **3504** | **Peptones and their derivatives; other protein substances and their derivatives, not elsewhere specified or included; hide powder, whether or not chromed** |
| **3504 00 10** | **- Concentrated milk proteins specified in additional note 1 to this chapter** |
| **3504 00 90** | **- Other** |
| **3505** | **Dextrins and other modified starches (for example, pregelatinised or esterified starches); glues based on starches, or on dextrins or other modified starches** |
| **3505 10** | **- Dextrins and other modified starches** |
| **3505 10 10** | - - Dextrins |
|  | - - Other modified starches |
| **3505 10 50** | - - - Starches, esterified or etherified |
| **3505 10 50 20** | - - - - O-(2-Hydroxyethyl)-derivative of hydrolysed maize starch (CAS RN 9005-27-0) |
| **3505 10 50 90** | - - - - Other |
| **3505 10 90** | - - - Other |
| **3505 20** | **- Glues** |
| **3505 20 10** | - - Containing, by weight, less than 25 % of starches or dextrins or other modified starches |
| **3505 20 30** | - - Containing, by weight, 25 % or more but less than 55 % of starches or dextrins or other modified starches |
| **3505 20 50** | - - Containing, by weight, 55 % or more but less than 80 % of starches or dextrins or other modified starches |
| **3505 20 90** | - - Containing, by weight, 80 % or more of starches or dextrins or other modified starches |
| **3506** | **Prepared glues and other prepared adhesives, not elsewhere specified or included; products suitable for use as glues or adhesives, put up for retail sale as glues or adhesives, not exceeding a net weight of 1 kg** |
| **3506 10** | **- Products suitable for use as glues or adhesives, put up for retail sale as glues or adhesives, not exceeding a net weight of 1 kg** |
|  | **- Other** |
| **3506 91** | - - Adhesives based on polymers of headings 3901 to 3913 or on rubber |
| **3506 91 10** | - - - Optically clear free-film adhesives and optically clear curable liquid adhesives of a kind used solely or principally for the manufacture of flat panel displays or touch-sensitive screen panels |
| **3506 91 10 10** | - - - - Adhesive based on an aqueous dispersion of a mixture of dimerised rosin and a copolymer of ethylene and vinyl acetate (EVA) |
| **3506 91 10 30** | - - - - Two component microencapsulated epoxy adhesive dispersed in a solvent |
| **3506 91 10 40** | - - - - Acrylic pressure sensitive adhesive with a thickness of 0,076 mm or more but not more than 0,127 mm, put up in rolls of a width of 45,7 cm or more but not more than 132 cm supplied on a release liner with an initial peel adhesion release value of not less than 15 N/25 mm (measured according to ASTM D3330) |
| **3506 91 10 50** | - - - - Preparation containing by weight:   - 15 % or more but not more than 60 % of styrene butadiene copolymers or styrene isoprene copolymers and   - 10 % or more but not more than 30 % of pinene polymers or pentadiene copolymers Dissolved in :   - Methyl ethyl ketone (CAS RN 78-93-3)   - Heptane (CAS RN 142-82-5), and   - Toluene (CAS RN 108-88-3) or light aliphatic solvent naphta (CAS RN 64742-89-8) |
| **3506 91 10 90** | - - - - Other |
| **3506 91 90** | - - - Other |
| **3506 91 90 10** | - - - - Adhesive based on an aqueous dispersion of a mixture of dimerised rosin and a copolymer of ethylene and vinyl acetate (EVA) |
| **3506 91 90 30** | - - - - Two component microencapsulated epoxy adhesive dispersed in a solvent |
| **3506 91 90 40** | - - - - Acrylic pressure sensitive adhesive with a thickness of 0,076 mm or more but not more than 0,127 mm, put up in rolls of a width of 45,7 cm or more but not more than 132 cm supplied on a release liner with an initial peel adhesion release value of not less than 15 N/25 mm (measured according to ASTM D3330) |
| **3506 91 90 50** | - - - - Preparation containing by weight: - 15% or more but not more than 60% of styrene butadiene copolymers or styrene isoprene copolymers and - 10% or more but not more than 30% of pinene polymers or pentadiene copolymers Dissolved in : - Methyl ethyl ketone (CAS RN 78-93-3) - Heptane (CAS RN 142-82-5), and - Toluene (CAS RN 108-88-3) or light aliphatic solvent naphta (CAS RN 64742-89-8) |
| **3506 91 90 60** | - - - - Temporary wafer-bonding adhesive material in the form of a suspension of a solid polymer in D-limonene (CAS RN 5989-27-5) with a polymeric content by weight of 65 % or more but not more than 75 % |
| **3506 91 90 70** | - - - - Temporary wafer-bonding release in the form of a suspension of a solid polymer in cyclopentanone (CAS RN 120-92-3) with a polymeric content of not more than 10 % by weight |
|  | - - - - Other |
| **3506 91 90 91** | - - - - - Technical aerosols that contain hydrofluorocarbons (HFCs) with global warming potential (GWP) of 150 or more |
| **3506 91 90 99** | - - - - - Other |
| **3506 99** | - - Other |
| **3507** | **Enzymes; prepared enzymes not elsewhere specified or included** |
| **3507 10** | **- Rennet and concentrates thereof** |
| **3507 90** | **- Other** |
| **3507 90 30** | - - Lipoprotein lipase; aspergillus alkaline protease |
| **3507 90 90** | - - Other |
| **3507 90 90 10** | - - - Preparation of Achromobacter lyticus protease (CAS RN 123175-82-6) for use in the manufacture of human and analogue insulin products |
| **3507 90 90 20** | - - - Creatine amidinohydrolase (CAS RN 37340-58-2) |
| **3507 90 90 30** | - - - Salicylate 1-monooxygenase (CAS RN 9059-28-3) in aqueous solution with   - an enzyme concentration of 6,0 U/ml or more, but not more than 7,4 U/ml ,   - a concentration by weight of sodium azide (CAS RN 26628-22-8) of not more than 0,09 % and   - a pH value of 6,5 or more, but not more than 8,5 |
| **3507 90 90 90** | - - - Other |