

ASC SPECIFICATION NO. 307 (A)

1. **Description.** The Sterilizing Sodium Dichloroisocyanurate tablet shall have weight varying from 50 mg to 80 mg and it must be uncoated, white/off white coloured and consists of the following ingredients:

- a. **Active Ingredient.** Each tablet contains 8.5 mg ($\pm 10\%$) sodium dichloroisocyanurate (trolosene sodium) in an dissolving base.
- b. **Excipient:** Quality Standard (Q.S) to manufacture a tablet having average weight 50 mg to 80 mg (± 3 mg).

2. **Examination.** The outfit each water sterilizing tablet shall comply the clause no 1 with the following requirements:

- a. **Acceptable Weight variation.** Not more than 2 tablets outside $\pm 10\%$ of the actual average. No tablet outside $\pm 20\%$ of the actual average.
- b. **Uniformity of content of the active ingredients.** Purity when assayed for the chlorine content, the method given in appendix 1 (attached) to this specification shall contain sodium dichloroisocyanurate (trolosene sodium), calculated to the following limit:
 - (1) **Available chlorine:** 5.2 mg (4.9 mg to 5.5 mg)
 - (2) **Dye/Colouring agent:** When tablet is dissolved in a litre of water, it shall not produce any appreciable colour.
 - (3) **Diameter:** 4.75mm ($\pm 3\%$)
 - (4) **Hardness:** Min 1.5 kg/cm²
 - (5) **Assay:** Each tablet contains 8.5 mg ($\pm 10\%$) sodium dichloroisocyanurate (trolosene sodium) in an effervescent base.
- c. **Shape.** Oval, bi-convex; flat-round plain surface tablet or any other suitable shape.
- d. **Disintegration Time.** Not more than 180 Seconds.
- e. **Leak test.** Must be 100% leak proof.

3. **Packing.**

- a. **Strips.** Tablet shall be supplied in strips Alu-Alu blister strip, PVC blister strip, aluminum foil strips or poly lined paper strip and shall be presented 10 tablets per strips.
- b. **Cases:** The Strips shall be packed in thick paper carton containing 500 or 1000 no tablets in each carton. The cases shall be sufficiently strong to withstand rough handling by rail/road transport without damage to their contents. The cases carton master carton upto 50,000 Tablets.

4. **Marking.**

- a. **Strips.** The following particulars shall be marked on the respective strips:
 - (1) Name of the content of tablet.
 - (2) Weight of active ingredient per tablet.
 - (3) Lot/Batch no.
 - (4) Expiry date.
 - (5) Country of origin.
 - (6) Certification of Analysis of each batch supplied (from manufacture)
- b. **Cases.** The following particulars shall be stenciled on one side of the cases:
 - (1) Outfit individual water purification tablets.
 - (2) Quantity: 500/1000 tablets per carton.
 - (3) Name of Manufacture.
 - (4) Manufacture date.
 - (5) Gross weight of carton.
 - (6) Instruction for user.