



उत्पाद मानुयल

दुर्गन्ध-सह-कीटाणु नाशक तरल पदार्थ

10758 : 1983 के अनुसार

PRODUCT MANUAL FOR

DE-ODOURIZING-CUM-DISINFECTANT FLUIDS

ACCORDING TO IS10758:1983

भारतीय मानक ब्यूरो (अनुरूपता मूल्यांकन) विनियम 2018 की स्कीम-1 के तहत यह उत्पाद मानुयल प्रमाणीकरणके प्रचलन में रीति और पारदर्शिता के सुसंगत सुनिश्चित करने के लिए सभी क्षेत्रीय/शाखा कार्यालयों एवं लाइसेंस धारियों द्वारा संदर्भ सामग्री के रूप में उपयोग किया जाएगा। बीआईएस लाइसेंस/प्रमाण पत्र प्राप्त करने के इच्छुक भावी आवेदकों द्वारा भी इस दस्तावेज़ का उपयोग किया जा सकता है।

This Product Manual shall be used as reference material by all Regional/Branch Offices & licensees to ensure coherence of practice and transparency in operation of certification under Scheme-I of Bureau of Indian Standards (Conformity Assessment) Regulations, 2018 for various products. The document may also be used by prospective applicants desirous of obtaining BIS certification licence/certificate.

1.	उत्पाद Product	:	IS 10758 : 1983
	शीर्षक Title	:	दुर्गन्ध-सह-कीटाणुनाशकतरलपदार्थकेलिएविशिष्ट Specification for De-Odourizing –Cum-Disinfectant Fluids
	संशोधन संख्या No. of Amendments	:	01
2.	नमूनाकरण दिशा निर्देश Sampling Guidelines:		
a)	कच्चा माल Raw material	:	NA
b)	समूहिकरण दिशा निर्देश Grouping guidelines	:	प्रत्येक ग्रेडकानमूनातैयारकरनेकीआवश्यकताहै Sample of each grade needs to be drawn
c)	नमूनेका परिमाण Sample Size	:	500ml
3.	परीक्षण उपकरणों की सूची List of Test Equipment	:	कृपया Annex-एदेखें Please see Annex – A
4.	निरीक्षण व परीक्षण स्कीम Scheme of Inspection and Testing	:	कृपया Annex-Bदेखें Please see Annex – B

5.	एक दिन में संभावित परीक्षण Possible tests in a day :	
	a. Description (Cl. 3.1) b. Stability after dilution (Cl. 3.3) c. Volatile matter (Cl. 3.2) d. Flash Point (Abel) (Cl. 3.5)	
6.	लाइसेन्स का कार्यक्षेत्र/Scope of the Licence:	
	IS 10758 : 1983के अनुसार मानक मुहर का उपयोग करने के लिए लाइसेन्स निम्नलिखित कार्यक्षेत्रके लिए प्रदान किया जाता है “Licence is granted to use Standard Mark as per 10758 : 1983with the following scope:	
	उत्पाद का नाम Name of the product	दुर्गन्ध-सह-कीटाणुनाशकतरलपदार्थ विशिष्टि De-Odourizing –Cum-Disinfectant Fluids
	ग्रेड Grades	Grade 1/ Grade 2/ Grade 3

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ANNEX – A
TO THE PRODUCT MANUAL FOR
DE-ODOURIZING-CUM-DISINFECTANT FLUIDS
AS PER IS10758:1983

List of Test Equipment

Major test equipment required to test as per the Indian Standard

Sr. No.	Tests used in with Clause Reference	Test equipment
1.	Volatile Matter (Cl. 2)	Petri Dish Weighing Balance Oven
2.	Stability after Dilution (Cl 3.3)	Dilution Water Stopwatch or Timer Pipettes Measuring Cylinder
3.	Persistent of Odour	Filter Paper Petri Dish Waster
4.	Flash Point (Abel)	Cleaning solvent Abel Flash point apparatus as per IS 1448 (Part 20) Thermometers as per IS 1448 (Part 20) Timing device, stopwatch or electronic timer Barometer, absolute pressure reading, accurate to 0.5 kPa External cooling bath (optional) CRM of known flash point Lubricant (optional), Ignitor& Pilot Light Gas Test cup thermal insulating cap (optional)
5.	Germicidal Value (Rideal Walker & Staphylococcal Coefficients)	Inoculating Loop Incubator Pipettes Dropping Pipette Medication Tubes Broth Tubes Measuring Cylinders Salmonella Typhi (NCTC 786) Cultures Phenol (Carbolic Acid) Vacuum Tube Glass Rod Burner Meat Extract, Microbiological Grade Sodium Chloride Distilled Water Titration Assembly Phenolphthalein Sodium Hydroxide Hydrochloric Acid Autoclave Fitter Papers Agar, Microbial grade Water Bath Glass Wares Peptone, Microbiological Grade Staphylococcus Aureus (MTCC 3160)

The above list is indicative only and may not be treated as exhaustive

ANNEX – B
TO THE PRODUCT MANUAL FOR
DE-ODOURIZING-CUM-DISINFECTANT FLUIDS
AS PER IS10758:1983
Scheme of Inspection And Testing

1. LABORATORY - A laboratory shall be maintained which shall be suitably equipped (as per the requirement given in column 2 of Table 1) and staffed, where different tests given in the specification shall be carried out in accordance with the methods given in the specification.

1.1 The manufacturer shall prepare a calibration plan for the test equipments.

2. TEST RECORDS – All records of test shall be required by the Bureau shall be made available at any time on request.

3. PACKING, LABELLING AND MARKING –The material shall be packed according to the requirements specified in 4.1 of the Standard.

3.2. The Standard Mark as given in the schedule of the licence shall be stencilled/printed on each container of De-odourising-cum-disinfectant fluids or printed on the label applied to the container as the case may be, provided always that the material in each container to which this Mark is thus applied conforms to every requirement of the specification.

3.3. The following information shall be given legibly and indelibly on each container or on the label applied to the container, as the case may be, in addition to those required under the provisions of the Insecticides Act and Rules framed thereunder:

- a) Name of the material;
- b) Manufacture's name, initials, or trade-mark;
- c) Grade of the material and the phenol coefficient (both RidealWaler and staphylococcal);
- d) Batch number;
- e) Month and Year of Manufacture;
- f) Date of expiry;
- g) Volume of material in the container;
- h) Any specific instruction for use; and
- i) A declaration reading as product is free from mercury compounds.

4. CONTROL UNIT –For the purpose of this Scheme, the entire quantity of De-odourizing cum Disinfectant Fluidshomogenized at a time in one operation shall constitute a control unit (batch).

4.2. A sample shall be drawn from each control unit and tested for all the requirements of the specification. If the sample fails in any of the requirements, the entire quantity of material in the control unit shall be considered as unfit for the purpose of marking. The control unit, however, may be suitably reprocessed and the defect(s) rectified. Such reprocessed material when tested again shall satisfy all the requirements of the specification before it is used for marking.

4.3. Routine analysis of each consignment of the raw material received in the factory shall be carried out and appropriate records maintained.

4.4. Mercury compounds shall be strictly excluded from the ingredients used in the manufacture of De-odourizing cum Disinfectant Fluids.

- 4.5. In respect of all other clauses of the specification, the factory shall maintain appropriate controls and checks to ensure that the product conforms to the various requirements of the specification.

5. LEVELS OF CONTROL - The tests as indicated in column 1 of Table 1 and the levels of control in column 3 of Table 1, shall be carried out on the whole production of the factory which is covered by this plan and appropriate records maintained in accordance with paragraph 2 above.

5.1 All the production which conforms to the Indian Standards and covered by the licence should be marked with Standard Mark.

6. HYGIENIC CONDITIONS –Wherever applicable, hygienic conditions shall be complied in day to day production and quality control activities. Schedule for each activity for this purpose shall be displayed prominently in the factory premises and records of compliance shall be maintained.

7. REJECTIONS – Disposal of non-conforming product shall be done in such a way so as to ensure that there is no violation of provisions of BIS Act, 2016.

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TABLE 1 (Levels of Control)
(Para 5 of Scheme of Inspection and Testing)

(1)				(2)	(3)		
Test Details				Test equipment requirement R: required (or) S: Sub-contracting permitted	Levels of Control		
Cl.	Requirement	Test Method			No. of Sample	Frequency	Remarks
		Clause	Reference				
3.1	Description	3..1	IS:10758	R	One	Each Control Unit	Also See cl.4.2 of SIT
3.2	Volatile matter	App-A	IS:10758	R	One	Each Control Unit	-do-
3.2.1	Steam Volatile Oil	App-A	IS:10758	R	One	Each Control Unit	-do-
3.3	Stability after Dilution	App-B-2	IS:1061	R	One	Each Control Unit	-do-
3.4	Persistence of Odour	3.4	IS:10758	R	One	Each Control Unit	-do-
3.5	Flash point (Abel)	---	IS 1448 (Part20)	R	One	Each Control Unit	-do-
3.6	Germicidal Value	Annex C&D	IS1061	R	One	Each Control Unit	-do-

Note-1: Whether test equipment is required or sub-contracting is permitted in column 2 shall be decided by the Bureau and shall be mandatory. Sub-contracting is permitted to a laboratory recognized by the Bureau or Government laboratories empanelled by the Bureau.

Note-2: Levels of control given in column 3 are only recommendatory in nature. The manufacturer may define the control unit/batch/lot and submit his own levels of control in column 3 with proper justification for approval by BO Head.