

**CORPORATE PURCHASING SPECIFICATION**

AA 556 15

Rev. No. 02

PREFACE SHEET**SODIUM HYPOCHLORITE**

**FOR INTERNAL USE ONLY
REMOVE THIS PREFACE BEFORE ISSUE TO SUPPLIERS**

Comparable Standards:

1. INDIAN : IS: 11673 - 1992

Suggested /Probable Suppliers and Grades

1. Refer plant Vendors List

User Plant References:

1. BHOPAL : --
2. HARDWAR : --
3. HYDERABAD : --

Revisions :

CI 32.11.40 of MOM of MRC-CPO

APPROVED :

**INTERPLANT MATERIAL
RATIONALISATION COMMITTEE-MRC (CPO)**

Rev. No. 02

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Dt: 15.02.2004

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HARDWAR

Corp. R&D

AUGUST, 1988



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PAGE 1 OF 2

SODIUM HYPOCHLORITE

1.0 GENERAL:

This specification governs the quality requirements of Sodium Hypochlorite solution with suitable stabilizer.

2.0 APPLICATION:

Used in neutralizing cyanide waste material / effluent generated in heat treatment / electroplating operations.

3.0 COMPLIANCE WITH NATIONAL STANDARDS:

The material shall comply with the requirements of the following national standard and also meet the requirements of this specification.

IS : 11673 - 1992 | Sodium Hypochlorite solution.

4.0 TEST SAMPLES:

0.5 litres of sample shall be drawn from each consignment for testing and approval.

5.0 PROPERTIES:

The solution shall have a minimum of 7% available chlorine when tested as per IS:11673.

6.0 TEST CERTIFICATES:

Three copies of test certificates shall be supplied alongwith each consignment, giving the following information:

In addition, the supplier shall ensure to enclose one copy of the test certificate alongwith the despatch documents to facilitate quick clearance of the material.

AA 556 15, Rev. 02: Sodium Hypochlorite

BHEL Order No.

Batch / Lot No.

Supplier's/ Manufacturer's Name and Trade mark, if any

Date of manufacture and expiry

Test results of clause 5.0.

Revisions :

Cl 32.11.40 of MOM of MRC-CPO

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PAGE 2 OF 2

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7.0 KEEPING PROPERTY:

When stored in a covered dry place in the original sealed containers under normal temperature conditions, the material shall retain the properties specified in this specification for a period of 3 months after the date of manufacture which shall not be earlier than 7 days of the scheduled delivery date mentioned in BHEL order.

8.0 PACKING & MARKING:

The material shall be packed in suitable HDPE containers.

AA 556 15: Sodium Hypochlorite

BHEL Order No.

Batch / Lot No.

Supplier's/ Manufacturer's Name and Trade mark, if any

Date of manufacture and expiry

Quantity supplied.

9.0 ENVIRONMENTAL REQUIREMENTS :

The supplier shall furnish Material Safety Data Sheet (**MSDS**) covering all information relating to human safety and environmental impacts of the hazardous materials particularly during their transportation, storage, handling and disposal alongwith each supply.

Each container shall be marked with corresponding symbol and minimum worded cautionary notice for flammable / corrosive / toxic / harmful / irritant and oxidizing etc. as applicable.

10.0 REFERRED STANDARDS (Latest Publications Including Amendments):

1. IS : 11673