



**HYDROGEN PEROXIDE (H<sub>2</sub>O<sub>2</sub>)**

**Manufacturer:**

ASM Chemical Industries Ltd.

Factory:

Tepir Bari, Bormi Road,

Sreepur, Gazipur, Bangladesh

Tel : 06825-55093-6

Fax : 88029881481

E-mail : [project@asmchemical.com](mailto:project@asmchemical.com)

Website: [www.asmchemical.com](http://www.asmchemical.com)

**In Case of Emergency:**

Telephone: 06825-55093-6

**1. PRODUCT NAME**

**Hydrogen Peroxide (H<sub>2</sub>O<sub>2</sub>)**

**2. PROPERTIES**

|     |                      |  |
|-----|----------------------|--|
| 01. | Physical Appearance  | Colorless, Slightly viscous, water like liquid |
| 02. | Odor                 | Slight Irritation                              |
| 03. | pH value             | 1.5 – 4.0                                      |
| 04. | Solubility           | Miscible with water                            |
| 05. | Oxidizing Properties | Strong oxidizing agent                         |
| 06. | Viscosity (at 20°C)  | ± 1.17 cP                                      |

**3. SPECIFICATIONS**

|     | Characteristics                                 | Unit  | Chemical Grade                        | Technical Grade                       |
|-----|---|-------|---------------------------------------|---------------------------------------|
| 01. | Appearance                                      | -     | Clear, Colorless & Transparent Liquid | Clear, Colorless & Transparent Liquid |
| 02. | H <sub>2</sub> O <sub>2</sub> Content           | Wt. % | ≥ 50                                  | ≥ 50                                  |
| 03. | Density at 20 <sup>0</sup> C                    | kg/l  | 1.19 – 1.210                          | 1.19 – 1.21                           |
| 04. | Free acid ( as H <sub>2</sub> SO <sub>4</sub> ) | %     | ≤ 0.04                                | ≤ 0.05                                |
| 05. | Non- Volatile residue                           | %     | ≤ 0.08                                | ≤ 0.18                                |
| 06. | Stability (retain 5 hrs at 100 <sup>0</sup> C)  | %     | ≥ 97.0                                | ≥ 97.0                                |

**4. PACKAGING**

ASM H<sub>2</sub>O<sub>2</sub> packed in HDPE plastic containers of 30.0 kg Capacity & SS Tankers.

Other packagings are available on request

**5. USES**

Pulp, Paper, Textiles, Sugars industry, raw materials for organic & Inorganic chemicals, dyestuffs & pesticides, Effluent treatment etc

**6. HANDLING & STORAGE**

It is desirable use personal protective equipment while handling H<sub>2</sub>O<sub>2</sub>.

H<sub>2</sub>O<sub>2</sub> stored in a normal temperature & should not be stored in hot condition

Md. Ali Zinnah  
(Manager, QC)