



**SR CHEMICAL  
INDUSTRIES LTD.**  
GROW WITH GREEN

# SunChlorine

## TECHNICAL DATA SHEET

### 1. PRODUCT NAME

**SunChlorine**

Chemical Name : Liquid Chlorine ( $\text{Cl}_2$ )

### 2. USES

SunChlorine is widely used in manufacturer of chlorine containing chemicals, Pesticides herbicides, Plastics & fibers, refrigerants & propellants, inorganic chemicals, Pulp-Paper, water and sewage treatment, textile bleaching, degassing of aluminum melts etc. Large amounts of chlorine are used in many industrial Process; mainly it is used in ETP & WTP Plant.

### 3. PACKAGING

SunChlorine (liquid/gas) is available in 100.0 & 900.0 kg Cylinders.

### 4. HANDLING & STORAGE

It is describable to use personal protective equipment & special protection while handling chlorine. It must be stored in cool, dry, well-ventilated non-combustible shed; away from heavily trafficked areas with an emergency exit. Do not allow the temperature (where cylinders are stored) to exceed  $125^\circ\text{F}$  ( $52^\circ\text{C}$ ). Cylinders should be stored upright and firmly secured to prevent falling or being knocked over. As it is a Dangerous Chemical, Should Handle Carefully by skilled people.



### 5. PROPERTIES

|     |                     |                                           |
|-----|---------------------|-------------------------------------------|
| 01. | Physical Appearance | Greenish Yellow, Sharp suffocating odor   |
| 02. | Boiling Point/Range | $-34^\circ\text{C}$                       |
| 03. | Physical State      | Liquefied Compressed Gas                  |
| 04. | Solubility          | Not Soluble in water & soluble in alkalis |
| 05. | Specific Gravity    | 1.47 at $0^\circ\text{C}$ & 2774 mm Hg    |

### 5. SPECIFICATIONS

|     | Characteristics                      | Unit | Value                                   |
|-----|--------------------------------------|------|-----------------------------------------|
| 01. | Appearance, Odor                     | -    | Greenish Yellow; Sharp suffocating odor |
| 02. | Chlorine Content (as $\text{Cl}_2$ ) | w/w% | 99.5                                    |
| 03. | Oxygen (as $\text{O}_2$ )            | w/w% | 0.05                                    |
| 04. | Moisture                             | %    | 0.001                                   |
| 05. | Other gas                            | %    | Nil                                     |

**Incase of emergency:**  
Telephone 09666774444

[www.srgroup-bd.com](http://www.srgroup-bd.com)