

Sodium Silicate Glass

MANUFACTURER NAME AND ADDRESS	:	ADVATECH INDUSTRIES PVT. LTD. Survey No. 243, At - Dhanali Village, Taluka - Kadi, Dist.: Mehsana. Gujarat (India).
PRODUCT	:	SODIUM SILICATE GLASS
CHEMICAL COMPOSITION	:	Non dusting homogeneous formulation of Soda Ash With Silica Sand
REACTION	:	$\text{Na}_2\text{CO}_3 + \text{SiO}_2 \text{ ----> Na}_2\text{SiO}_3 + \text{CO}_2$
PHYSICAL DATA	:	a. Appearance : Whitish blue glass chips b. Odour : Nil c. Solubility in water: Soluble
HS CODE NO.	:	28391900
HEALTH HAZARD	:	a. Causes Eye Irritation b. Causes Skin Irritation c. Causes Irritation to respiratory track. d. No known chronic hazard
HAZARD KEY	:	4 - Sever 3 - Serious 2 - Moderate 1 - Slight 0 - Minimal

PERSONAL PROTECTION:

- **Respiratory Protection** : Use NIOSH approved mist respiratory where spray occurs.
- **Gloves** : Rubber where contact likely.
- **Eye Protection** : Chemical goggles and / or face shield.
- **Other protective Equipment** : Safety shower and eye wash fountain should be within direct access.
- **Personal Hygiene** : Avoid contact with eyes, skin, and clothing. Wash thoroughly After handling.

HANDLING OF SPILLS AND LEAKS:

- **Environmental Hazard** : High pH (alkalinity) of undiluted or non-neutralized material is harmful. Not a listed toxic chemical under SARA title III, -302, -304 or -313.
- **Waste Disposal Method** : Not a RCRA Hazardous waste. Neutralize with dilute acid and landfill solids according to regulations. Flush neutral liquid to sewer with plenty of water.
- **First Aid Procedures** : In case of contact, immediately flush eyes or skin with plenty of water. Call a physician. Wash clothing before reuse.
- **Spillage** : Sinks and mixes with water.
- **Physical Hazard** : Dries to form glass film which can easily cut skin. Spills are very slippery. Can etch neither glass if nor promptly removed.