

Soda Ash

DESCRIPTION

We manufacture Soda Ash Light through the Solvay Ammonia process using Salt, Ammonia, Lime Stone and Hard Coke as raw materials

CHEMICAL NAME & FORMULA

Sodium Carbonate
 Na_2CO_3

CHEMICAL FORMATION

Powder

INPUT

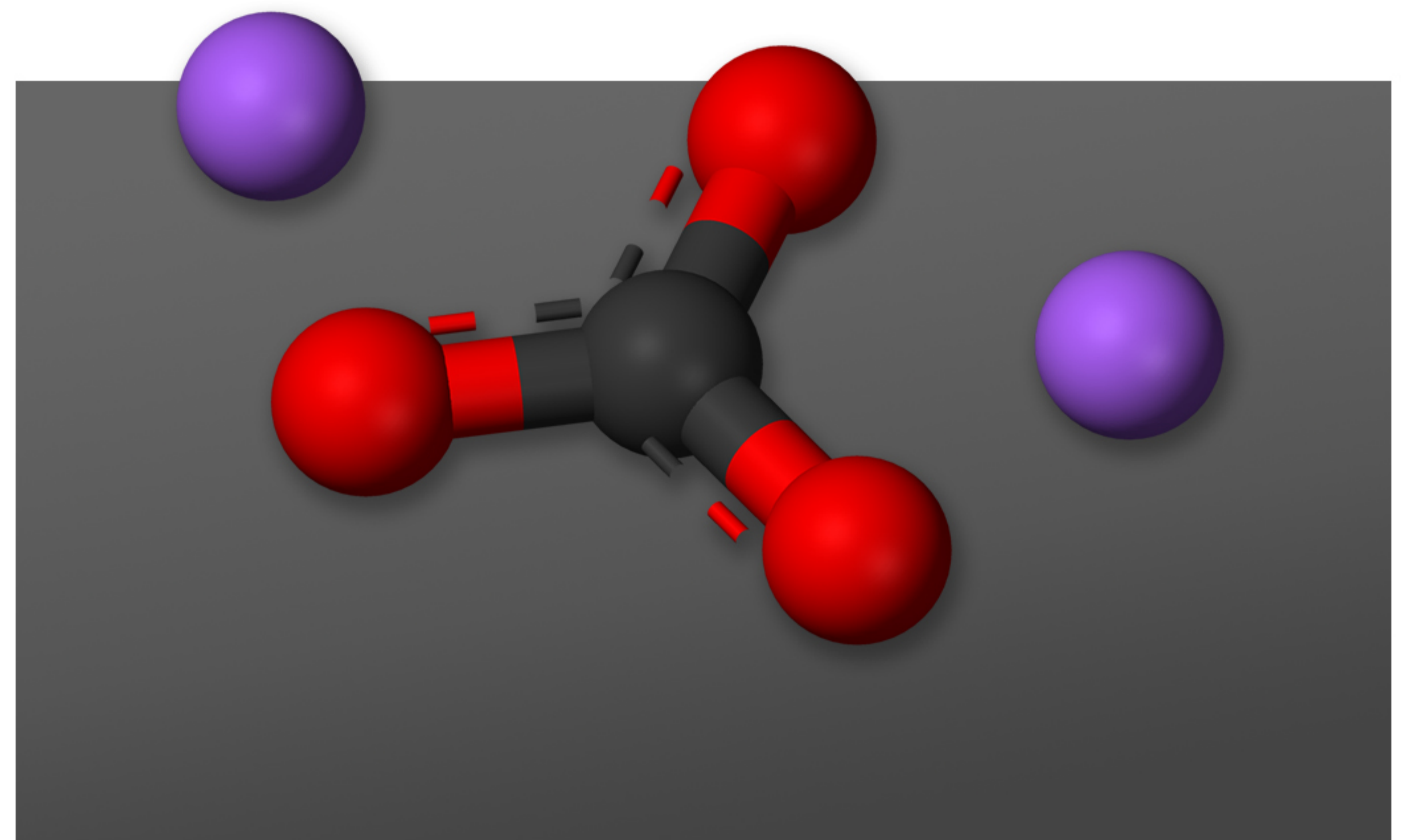
Industrial Salt, Lime Stone, Hard Coke, Liquid Ammonia

OUTPUT

Soda Ash Light

APPLICATIONS

Mainly used in the manufacture of Detergent Powder, Glass, Textiles, Dyes Intermediates, Pharmaceuticals, etc.



Product Properties

Appearance	White Powder
Corrosive	Yes
Flammability	Not Flammable
Solubility	Soluble in water
Boiling Point	-
Melting Point	851°C
Specific Gravity	2.532
Reactivity	Hygroscopic. Combines with water with evolution of heat. Decompose by acids with effervescence.

Product Specifications Results on dry basis as per IS:251:1998

Volatile matter (percent by mass)	%	2.0	max.
Total Alkalinity as Na₂CO₃ (percent by mass)	%	98.50	min.
Chloride as NaCl (percent by mass)	%	1.00	max.
Matter Insoluble in water (percent by mass)	%	0.15	max.
Iron as Fe₂O₃ (percent by mass)	%	0.007	max.
Sulphate as Na₂SO₄ (percent by mass)	%	0.08	max.

Related Information

PACKAGING & HANDLING

Soda Ash is packed in 50kgs HDPE in side laminated bags.

Material is hygroscopic in nature, keep in a cool dry place.

TRANSPORT CLASSIFICATION

Soda Ash packed bags are transported in trucks by road.

PRODUCT USAGES

Mainly used in the manufacture of Detergent Powder, Glass, Textiles, Dyes Intermediates, Pharmaceuticals, etc.



Product Safety Data

Name of Product	Soda Ash
Composition / Components	Sodium Carbonate as Na_2CO_3
Hazards Identification	May cause Eye, Skin and Respiratory Track irritation. Avoid contact with eyes, skin and clothing. Avoid breathing airborne product. Use with adequate ventilation. Wash thoroughly after handling. Do not take internally.
First Aid Measures	<p>Eyes: Flush with plenty of water for 15 minutes.</p> <p>Skin: Remove contaminated clothes and shoes. Wash affected areas with plenty of water.</p> <p>Inhaled: remove victim to fresh air areas. Support respiration. Seek medical aid immediately for all types of exposures.</p>
Measures For Fire Fighting	Not Flammable
First Aid Measures In Case Of Unintentional Release	Avoid direct contact, provide side cover safety goggles, rubber shoes and rubber hand gloves.
Handling & Storage	Hygroscopic, keep in a cool, dry and well ventilated place.
Exposure Limit & Staff Protection Equipment	Splash Goggles, Lab Coat, Dust Respirator. Be sure to use an approved/certified respirator and equivalent Gloves.
Physical & Chemical Properties	<p>White Solid Odourless Alkaline Powder.</p> <p>Molecular Weight 105.88 g/mol, pH (1% Soln/water) 11.5 [Basics].</p> <p>Melting Point 851°C (1563.8°F) Sp. Gravity-Density 2.532 (Water=1).</p> <p>Soluble in Water.</p>
Stability & Reactivity	Chemically Stable, Hygroscopic, Reacts violently with F ₂ , Lithium and 2, 4, 6 - trinitrotoluene. Sodium begins to decompose at 400°C to evolve CO ₂
Information Of Toxicology	Hazardous in case of skin contact (irritant), of ingestion, of inhalation (lung irritant).
Information Of Ecology	Eco-friendly
Information About Waste Disposal	Waste must be disposed of in accordance with state environment control regulations.
Information About Transport	Soda Ash is packed in bags and transported in trucks by road.
Uses	In manufacturing chemicals (Detergent Powder, Dyes, Paper, Textile, etc.)
Other Information	CAS No: 497-19-8