

MSDS **MATERIAL SAFETY DATA SHEET**
RUPERT, GIBBON & SPIDER PO BOX 425, HEALDSBURG CA, 95448 TEL: (707) 433-9577 FAX: (707) 433-4906

Soda Ash

MSDS No: #007 **Date:** 09/16/10

1. Product Identification

Product Name: Soda Ash

Product Code: 007

2. Hazardous Ingredients

Hazardous Components: Sodium Carbonate

3. Physical Data

Boiling Point: N/A

Vapor Pressure: N/A

Vapor Density: N/A

Solubility in Water: 30%

Appearance & Odor: Odorless white powder or granular solid crystal

Specific Gravity: 2.333

Melting Point: 1564 F

Evaporation Rate: N/A

4. Fire and Explosive Data

Flash Point: N/A

Extinguishing Media: Use water spray, dry chemical, CO2 or alcohol

Special Fire Fighting Procedures: Fire fighters should wear self-contained breathing apparatus and full protective clothing. Use water spray to cool nearby containers and structures exposed to fire.

Unusual Fire or Explosive Hazards: Extinguish all nearby sources of ignition.

5. Reactivity Data

Stability: Stable

Incompatibility (materials to avoid): Acids

Hazardous Decomposition Products: May liberate carbon monoxide, carbon dioxide or oxides of sodium.

Hazardous Polymerization: Will not occur

6. Health Effects Data

Routes of Entry: Inhalation, skin or eye contact

Acute: N/A

Chronic: May cause sensitization

Carcinogenic: Non-carcinogenic

Signs & Symptoms of Exposure: Inhalation: breathing dust may irritate the nose, throat, cause coughing and chest discomfort. Excessive contact can cause damage to the nasal septum.

Medical Conditions Aggravated by Exposure: None reported

7. Emergency and First Aid Procedures

Eye Contact: Immediately flush with lots of running water for at least 15 minutes, lifting the upper and lower eyelids occasionally. Get medical attention.

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Skin Contact: Immediately wash skin with lots of soap and water. Remove contaminated clothing and shoes, wash before reuse. Get medical attention if irritation persists after washing.

Ingestion: Do not induce vomiting. If conscious, give lots of water or milk. Get immediate medical attention. Do not give anything by mouth to an unconscious person.

Inhalation: Remove to fresh air. Give artificial respiration if not breathing. Get immediate medical attention.

8. Employee Protection Recommendations

Respiratory Protection: If use conditions generate dusts, wear a Niosh-approved respirator appropriate for those emission levels. Appropriate respirators may be a full-face piece or a half mask air-purifying cartridge respirator with particulate filters, a self-contained breathing apparatus in the pressure demand mode, or a supplied air respirator.

Ventilation: Local mechanical exhaust ventilation capable of maintaining dust emissions at the point of use below the pel.

Protective Gloves: Rubber gloves

Eye Protection: Chemical goggles and full face shield. It is generally recognized that contact lenses should not be worn when working with chemicals because contact lenses may contribute to the severity of an eye injury.

Other Protection: Long sleeved shirt, trousers, safety shoes and rubber apron. An eyewash and safety shower should be nearby and ready for use.

Storage & Handling: Store in a cool, dry, well-ventilated place. Store away from all other chemicals and potential sources of contamination. Keep container tightly closed when not in use. Do not use pressure to empty container. Wash thoroughly after handling. Do not get in eyes, on skin or on clothing. Containers, even those that have emptied, will retain product residue and vapors. Always obey hazard warnings and handle empty containers as if they were full.

9. Spill or Leak Procedures

In Case Material is Released/Spilled: Wear protective equipment including rubber boots, rubber gloves, rubber apron and a self-contained breathing apparatus in the pressure demand mode or a supplied-air respirator. If the spill or leak is small, a full face-piece air-purifying cartridge respirator equipped with a particulate filter may be satisfactory. In any event, always wear eye protection. For small spills, sweep up and dispose of in dot-approved waste containers. For large spills, shovel into dot-approved waste containers. Keep out of sewers, storm drains, surface waters and soil.

Waste Disposal Method: Dispose of contaminated product and materials used in cleaning up spills or leaks in a manner approved for this material. Consult appropriate federal, state and local regulatory agencies to ascertain proper disposal procedures. Empty containers can have residues, gases and mists and are subject to proper waste disposal as above.

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