

SECTION 1 IDENTIFICATION	
Product Number	021-1529
Product Name	Baking Soda
Trade /Chemical Synonyms	
Formula	NaHCO <sub>3</sub>
RTECS	NONE
C.A.S. #	CAS# 144-55-8
Health:	1
Flammability:	0
Reactivity:	0
Hazard Rating: Least Slight Moderate High Extreme 0 1 2 3 4 NA=Not Applicable NE=Not Established	

SECTION 7 HANDLING AND STORAGE
Store in a cool, dry, well-ventilated place away from incompatible materials. Wash thoroughly after handling.

SECTION 8 EXPOSURE CONTROLS/PERSONAL PROTECTION	
<b>Respiratory Protection:</b>	NIOSH/MSHA-approved respirator
<b>Ventilation:</b>	Local Exhaust <input checked="" type="checkbox"/> Mechanical <input type="checkbox"/>
<b>Protective Gloves:</b>	Wear appropriate gloves to prevent skin exposure
<b>Eye Protection:</b>	Safety Glasses w/ Side Shields
<b>Other Protective Equipment:</b>	Wear appropriate clothing to prevent skin exposure

SECTION 2 MIXTURE COMPONENTS						
Sara 313	Component	CAS Numbe	%	Dim.	Exposure Limits	
<input type="checkbox"/>	Sodium Bicarbonate	CAS# 144-55-8	100	W/	None Established	

SECTION 3 HAZARD IDENTIFICATION (SEE ALSO SECTION 11)
Generally not hazardous in normal handling, however good laboratory practices should always be used. Avoid long term exposure to skin or by inhalation.

SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES		
<b>Melting Point:</b>	decomposes@60°C	<b>Percent Volatile by Volume:</b> 0
<b>Boiling Point:</b>	Information not available	<b>Evaporation Rate:</b> not applicable
<b>Vapor Pressure:</b>	not applicable	<b>Evaporation Standard:</b>
<b>Vapor Density:</b>	not applicable	<b>Auto Ignition Temp:</b> Not applicable
<b>Solubility in Water:</b>	7.8g/100g@18°C	<b>Lower Flamm. Limit in Air:</b> Not applicable
<b>Appearance /Odors:</b>	odorless,white crystalline powder.	<b>Upper Flamm. Limit in Air:</b> Not applicable
<b>Flash Point:</b>	0	
<b>Specific Gravity:</b>	2.2	

SECTION 4 FIRST AID MEASURES
<b>FIRST AID:</b> SKIN: Wash exposed area with soap and water. If irritation persists, seek medical attention.
<b>EYES:</b> Wash eyes with plenty of water for at least 15 minutes, lifting lids occasionally. Seek Medical Aid. <b>INHALATION:</b> Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen
<b>INGESTION:</b> If swallowed, induce vomiting immediately after giving two glasses of water. Never give anything by mouth to an unconscious person.

SECTION 10 STABILITY AND REACTIVITY INFORMATION	
<b>Stability:</b>	Stable
<b>Conditions to Avoid:</b>	stable under normal conditions
<b>Materials to Avoid:</b>	acids
<b>Hazardous Decomposition Products:</b>	gaseous carbon dioxide
<b>Hazardous polymerization</b>	Will Not Occur
<b>Conditions to Avoid:</b>	None known

SECTION 5 FIRE FIGHTING MEASURES	
<b>Fire Extinguisher Type:</b>	Any means suitable for extinguishing surrounding fire
<b>Fire / Explosion Hazards:</b>	Negligible fire hazard when exposed to heat or flame
<b>Fire Fighting Procedure:</b>	
Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and clothing.	

SECTION 11 ADDITIONAL INFORMATION	
WARNING!! This material will form gaseous carbon dioxide if it comes in contact with acids. Effects of over exposure: slight irritation of the skin, eyes and upper respiratory tract. Acute: sneezing, coughing and headache. Chronic: reproductive system effected. Target organs: eyes, skin and reproductive organs. Persons with pre-existing eye, skin or respiratory tract conditions may be more susceptible.	
<b>DOT Classification:</b>	Not Regulated
DOT Regulations may change from time to time. Please consult the most recent D.O.T. regulations.	

SECTION 6 ACCIDENTAL RELEASE MEASURES
Sweep up and place in suitable (fiberboard) containers for reclamation or later disposal.

Rev. No: 0 Date Entered: 8/1/2005 Approved: RMC Safety Dir. RMC