

D. W. DAVIES & CO., INC.
3200 Phillips Avenue--P. O. Box 1497--Racine, WI. 53401

PHONE (262)637-6133

Material Safety Data Sheet

Product: SODIUM BICARBONATE Date: 6-15-09

I. Hazardous Ingredients

Component:	Wt. %	CAS Reg.No.	PEL-OSHA (Total Dust)	TLV-ACGIH
Sodium Bicarbonate	100	144-55-8	15 mg/m ³	15 mg/m ³

THIS PRODUCT CONTAINS NO HAZARDOUS INGREDIANTS PER OSHA HAZARD
COMMUNICATION REGULATION 29CFR 1910-1200

II. PHYSICAL DATA

Appearance: WHITE CRYSTALLINE POWDER Odor: NONE
Boiling Point: N/A Solubility: (in water) 96 g/l @ 68°F
Vapor Pressure: N/A Specific Gravity: 2.2
Vapor Density: N/A Evaporation Rate: N/A

III. Fire & Explosion Data

Flash Point C/F: NONE Flammable Limits in Air % by Volume: Lower: N/A
Upper: N/A
Extinguishing Media:
Foam: Alcohol Foam: CO2:
Dry Chemical: Water Spray: Nonflammable: X
Special Fire Fighting Procedures: FIRE FIGHTERS SHOULD WEAR SELF-
CONTAINED BREATHING APPARATUS.
Unusual Fire & Explosion Hazards: NONE

IV. Reactive Data

Stability: Stable: X Unstable:
Conditions to Avoid: NONE
Incompatibility (Materials to Avoid): ACIDS
Hazardous Polymerizations:
May Occur: Will not occur: X
Hazardous Decomposition Products: Thermal: CO2

V. Health Hazard Data

Threshold Limit Value (See Section I) GRAS FOR HUMANS AND ANIMALS

HMIS RATING: 1 Health
0 Flammability
0 Reactivity
B Personal Protection

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PRODUCT: SODIUM BICARBONATE

FILENAME: SODBICAR

Effects of Overexposure

Eye Contact: MAY CAUSE IRRITATION

Skin Contact: MAY CAUSE IRRITATION TO SENSITIVE SKIN WITH PROLONGED CONTACT.

Ingestion: MAY CAUSE IRRITATION TO DIGESTIVE TRACT, NAUSEA, VOMITING AND DIARRHEA.

Inhalation: MAY IRRITATE RESPIRATORY TRACT.

Chronic Overexposure: NONE CURRENTLY KNOWN

Medical Conditions Generally Aggravated by Exposure: NONE CURRENTLY KNOWN

Ingredients Listed as Carcinogen
or Potential Carcinogen:

	Yes	No	Undetermined
National Toxicology Program		XX	
I.A.R.C. Monographs		XX	
OSHA		XX	

Emergency and First Aid Procedures

Eye Contact: FLUSH EYES WELL WITH MUCH WATER WHILE HOLDING EYELIDS OPEN FOR 15 MINUTES AND SEE PHYSICIAN, IF IRRITATION PERSISTS.

Skin Contact: FLUSH SKIN WELL WITH MUCH WATER. IF IRRITATION OCCURS, SEE PHYSICIAN.

Ingestion: DRINK LARGE QUANTITIES OF WATER. IF DISCOMFORT OCCURS FROM INGESTION, SEE PHYSICIAN.

Inhalation: MOVE TO FRESH AIR. IF RESPIRATORY DIFFICULTIES OCCUR, GIVE OXYGEN AND SEE PHYSICIAN.

VI. Safe Handling Use Data

Respiratory Protection: NOT NORMALLY NEEDED, BUT WHERE DUSTING IS A PROBLEM, WEAR APPROVED DUST RESPIRATOR.

Ventilation: Local Exhaust Adequate: NORMALLY, BUT USE WITH SUFFICIENT VENTILATION, IF DUSTING IS A PROBLEM.

Protective Gloves: RUBBER Eye Protection: SAFETY GOGGLES

Other Protective Equipment: CLOTHING TO PREVENT SKIN CONTACT.

VII. Spill or Leak Procedures

Steps to be taken in case of spill or leak: SWEEP UP, AND PLACE IN SUITABLE CONTAINER. DILUTE BALANCE AND SMALL SPILLS WITH MUCH WATER AND FLUSH.

Waste Disposal Method: IN COMPLIANCE WITH APPLICABLE LOCAL, STATE, AND FEDERAL REGULATIONS.

VIII. Special Precautions

Precautions to be Taken in Handling & Storage: STORE IN COOL, DRY PLACE. KEEP CONTAINER SEALED WHEN NOT IN USE. USE GOOD HOUSEKEEPING PROCEDURES.

Miscellaneous Information: FOR INDUSTRIAL-INSTITUTIONAL USE ONLY. KEEP OUT OF REACH OF CHILDREN.

This MSDS complies with the Hazard Communication Regulation 29CFR1910.12, 11/25/85. This confidential information, provided for safety purposes only, shall be considered damaging to D.W. Davies & Co., Inc., if information is given to a third party, for any reason, other than a doctor of medicine or administrator of first aid.