

MATERIAL SAFETY DATA SHEET**SECTION I - PRODUCT IDENTIFICATION**

Company: Danville Materials
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Date (revised): January 2, 2007

Product/Trade Name: Microprophy B

Chemical Name: Sodium Bicarbonate, flavored

Synonyms: Baking Soda

Chemical Family: flavored mixture with mostly NaHCO_3

Formula: NaHCO_3

SECTION II - HAZARDOUS INGREDIENTS OF MIXTURES

| Components | OSHA PEL | ACGIH TLV | % | CAS Numbers |
|--|----------|-----------|-----|-------------|
| Flavor blend (contains: Sodium Saccharin, also may be a skin/eye irritant) | None | None | 1.0 | Blend |

SECTION III - PHYSICAL DATA

Boiling Point: N/A

Melting Point: Decomposes at 228 degrees F.

Specific Gravity (water=1): 2.20

Vapor Density (air=1): N/A

Vapor Pressure (mm Hg): N/A

Appearance and Odor: White crystalline powder - spearmint odor/flavor

Solubility in Water: Moderate

Evaporation Rate (butyl acetate=1): N/A

pH in 1% solution: 8.3

SECTION IV - FIRE AND EXPLOSION DATA

Flashpoint: Noncombustible

Flammable Limits: N/A

Extinguishing Media: Water, alcohol foam or dry chemical

Special Firefighting Procedures: If extremely large quantities are involved, significant levels of CO_2 may be generated making necessary the use of self-contained breathing apparatus (CO_2 is an asphyxiant at levels over 5%)
 Soda ash, another thermal decomposition product existing at temperatures above 200 degrees F is respiratory, eye, and skin irritant. Avoid skin contact and inhalation of dust.

SECTION V - HEALTH DATA

Carcinogen Status: NTP - Yes
 IARC - No*
 OSHA Regulated - No*

*This product contains .40-.47% Sodium Saccharin on which an IARC monograph has been published concluding that saccharin cannot be classified as a carcinogen. The NYTP "Third Annual Report on Carcinogens" concluded that saccharin can be reasonably anticipated to be carcinogenic.

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| Primary Route of Entry: | Inhalation; ingestion |
| Acute Skin Contact: | NaHCO_3 is not a skin irritant per 16 CFR 1500.41 nor dermally toxic per DFR 1500.42. |
| Irritant Dose: | Human skin 30mg/3 days |
| Intermittent: | Mild irritant |
| Acute Eye Contact: | NaHCO_3 is not an eye irritant per 16.CFR 1500. eye-rbt 100 mg rms MLD. The flavor ingredient may cause eye irritation. |
| Acute Ingestion: | Non-toxic per 16.CFR 1500.3 orl-inf TDL ₀ 1260mg/KG orlrat LD 4-8g/kg. Large doses have produced systemic alkalosis and expansion in intracellular fluid volume with edema. |

SECTION VI - REACTIVITY DATA

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| Conditions to Avoid: | Temperatures above 228 degrees F |
| Incompatibility (materials to avoid): | Reacts with acids of form salt, H_2O and CO_2 |
| Hazardous Decomposition or Byproducts: | Yields about 1% per hour Sodium Carbonate when temperature is raised to 190 degrees F. Dust may then be irritating to eyes, skin, and respiratory tract. Heating above 228 degrees F may cause dangerous levels of CO_2 gas to be present in the atmosphere. |

SECTION VII - ENVIRONMENTAL

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| Material is Released or Spilled: | Scoop up into dry, clean containers. |
| Waste Disposal Method: | Dispose in accordance with local, state and federal regulations. |
| Other precautions: | None known |

SECTION VIII - HANDLING, STORAGE, TRANSPORTATION

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| Ventilation: | Local exhaust to meet 10 mg/m^3 or less |
| Respiratory Problems: | Dust mask required is levels over 10 mg/m^3 |
| Protective Glasses: | None |
| Eye Protection: | None |
| Storage: | Do not store near incompatible substances |
| Transportation: | No DOT restrictions |

SECTION IX - SPECIAL PRECAUTIONS

None

The data and information given in this Material Safety Data Sheet are accurate on the date of preparation. It does not indicate any warranty or representation. We disclaim all liability relating to use of this material since this is beyond our control.



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