

COLONIAL TAILORS CHALK

Safety Data Sheet 999

SECTION 1: Identification

1.1 Product identifier

Product name	999
Brand	PMC
Substance name	Benzoic Acid

1.3 Recommended use of the chemical and restrictions on use

Intended use: Industrial fabric line marking.

1.4 Supplier's details

Name	Colonial Tailors Chalk
Address	181 Market Street Santa Rosa Beach , FL 32459 USA
Telephone	850.622.2270
Fax	850.622.2272
email	ColonialTailors@aol.com

SECTION 2: Hazard identification

2.1 Classification of the substance or mixture

- Acute toxicity, oral (chapter 3.1), Cat. 5
- Eye damage/irritation (chapter 3.3), Cat. 1
- Specific target organ toxicity, single exposure (chapter 3.8), Cat. 3

2.2 GHS label elements, including precautionary statements

Pictogram



Hazard statement(s)

H303	May be harmful if swallowed
H318	Causes serious eye damage
H335	May cause respiratory irritation
H336	May cause drowsiness or dizziness

Precautionary statement(s)

P261	Avoid breathing dust/fume/gas/mist/vapours/spray.
P271	Use only outdoors or in a well-ventilated area.
P280	Wear protective gloves/protective clothing/eye protection/face protection.
P304+P340	IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.

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P312
P403+P233
P405
P501

Call a POISON CENTER/doctor/... if you feel unwell.
Store in a well ventilated place. Keep container tightly closed.
Store locked up.
Dispose of contents/container to ...

SECTION 3: Composition/information on ingredients

3.1 Substances

Substance name	Benzoic Acid
Formula	C7H6O2
Molecular weight	122.13
Other names / synonyms	TENNPLAS; SALVO POWDER; SALVO LIQUID; RETARDEX; RETARDED BA; PHENYLFORMIC ACID; PHENYL CARBOXYLIC ACID; BENZOATE; BENZENEMETHONIC ACID; BENZENE FORMIC ACID; DIACYCLIC ACID; CARBOXYBENZENE; BENZENE CARBOXYLIC ACID; BENZOICACID; BENZOIC ACID

SECTION 4: First-aid measures

4.1 Description of necessary first-aid measures

If inhaled	IMMEDIATELY leave the contaminated area; take deep breaths of fresh air. If symptoms (such as wheezing, coughing, shortness of breath, or burning in the mouth, throat, or chest) develop, call a physician and be prepared to transport the victim to a hospital. Provide proper respiratory protection to rescuers entering an unknown atmosphere. Whenever possible, Self-Contained Breathing Apparatus (SCBA) should be used; if not available, use a level of protection greater than or equal to that advised under Respirator Recommendation.
In case of skin contact	IMMEDIATELY flood affected skin with water while removing and isolating all contaminated clothing. Gently wash all affected skin areas thoroughly with soap and water. If symptoms such as redness or irritation develop, IMMEDIATELY call a physician and be prepared to transport the victim to a hospital for treatment.
In case of eye contact	First check the victim for contact lenses and remove if present. Flush victim's eyes with water or normal saline solution for 20 to 30 minutes while simultaneously calling a hospital or poison control center. Do not put any ointments, oils, or medication in the victim's eyes without specific instructions from a physician. IMMEDIATELY transport the victim after flushing eyes to a hospital even if no symptoms (such as redness or irritation) develop.
If swallowed	DO NOT INDUCE VOMITING. If the victim is conscious and not convulsing, give 1 or 2 glasses of water to dilute the chemical and IMMEDIATELY call a hospital or poison control center. Be prepared to transport the victim to a hospital if advised by a physician. If the victim is convulsing or unconscious, do not give anything by mouth, ensure that the victim's airway is open and lay the victim on his/her side with the head lower than the body. DO NOT INDUCE VOMITING. IMMEDIATELY transport the victim to a hospital.

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4.2 Most important symptoms/effects, acute and delayed

Symptoms of exposure to this compound may include irritation of the skin, eyes and respiratory system; gastric pain, nausea, vomiting, allergic dermatitis and dyspnea.

SECTION 5: Fire-fighting measures

5.1 Suitable extinguishing media

Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

5.3 Special protective actions for fire-fighters

Wear self-contained breathing apparatus for firefighting if necessary.

Further information

Use water spray to cool unopened containers.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Skin Protection: None required with normal household use. Industrial Setting: Protective gloves (for hands) and protective clothing are required where repeated or prolonged skin contact may occur.

6.3 Methods and materials for containment and cleaning up

Should a spill occur while you are handling this chemical, FIRST REMOVE ALL SOURCES OF IGNITION, then you should dampen the solid spill material with 60-70% ethanol and transfer the dampened material to a suitable container. Use absorbent paper dampened with 60-70% ethanol to pick up any remaining material. Seal the absorbent paper, and any of your clothes, which may be contaminated, in a vapor-tight plastic bag for eventual disposal. Solvent wash all contaminated surfaces with 60-70% ethanol followed by washing with a soap and water solution. Do not reenter the contaminated area until the Safety Officer (or other responsible person) has verified that the area has been properly cleaned.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Avoid contact with skin, eyes and clothing. Wash hands before breaks and immediately after handling the product.

7.2 Conditions for safe storage, including any incompatibilities

Ensure adequate ventilation. Wash hands before breaks and immediately after handling the product. Avoid contact with skin, eyes and clothing. Avoid ingestion and inhalation. For precautions see section 2.2.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

1. Benzoic Acid (CAS: 65-85-0)

(Inhalation)

8.3 Individual protection measures, such as personal protective equipment (PPE)

Eye/face protection

Avoid contact with skin, eyes and clothing. Wash hands before breaks and immediately after handling the product.

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Skin protection

*MINIMUM PROTECTIVE CLOTHING: Not available *RECOMMENDED GLOVE MATERIALS: Not available

Respiratory protection

*RECOMMENDED RESPIRATOR: Where the neat test chemical is weighed and diluted, wear a NIOSH- approved half face respirator equipped with an organic vapor/acid gas cartridge (specific for organic vapors, HCl, acid gas and SO₂) with a dust/mist filter.

SECTION 9: Physical and chemical properties

Information on basic physical and chemical properties

Appearance/form	LITERATURE: White powder; REPOSITORY: White crystalline solid
Odor	
Odor threshold	
pH	
Melting point/freezing point	122.4
Initial boiling point and boiling range	249
Flash point	121
Evaporation rate	
Flammability (solid, gas)	
Upper/lower flammability limits	
Vapor pressure	
Vapor density	
Relative density	1.321 g/mL @ 19 C
Solubility(ies)	
Partition coefficient: n-octanol/water	
Auto-ignition temperature	
Decomposition temperature	
Viscosity	
Explosive properties	
Oxidizing properties	

Other safety information

*VOLATILITY:

Vapor pressure: 1 mm Hg @ 96 C

Vapor density : 4.21

*FLAMMABILITY(FLASH POINT):

The flash point for this chemical is 121 C (250 F) and it is combustible.

Fires involving this compound can be controlled using a dry chemical, carbon dioxide, or Halon extinguisher. A water spray may also be used.

The autoignition temperature is 571 C (1060 F).

*UEL: Not available LEL: Not available

*REACTIVITY:

This compound may react with oxidizing materials. It may also react with ferric salts and salts of heavy metals.

*STABILITY:

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This chemical is stable under normal laboratory conditions.

*OTHER PHYSICAL DATA:

Boiling point: 133 C @ 10 mm Hg

Refractive index: 1.504 @ 32 C

K @ 25 C: 6.40 x 10E-5

pKa 4.2 @ 25 C

Begins to sublime around 100 C.

Volatile with steam.

The solubility in water is increased by alkaline substances, such as borax or trisodium phosphate.

SECTION 10: Stability and reactivity

10.3 Possibility of hazardous reactions

No Data available

10.4 Conditions to avoid

Heat, Flames, and Sparks

10.5 Incompatible materials

Strong Oxidizing agents

10.6 Hazardous decomposition products

Carbon Oxides are expected to be, under fire conditions, the primary hazardous decomposition products.

SECTION 11: Toxicological information

Information on toxicological effects

Acute toxicity

No data available

Skin corrosion/irritation

Irritating to skin.

Serious eye damage/irritation

Causes eye irritation.

Respiratory or skin sensitization

Can be harmful if inhaled. Material is extremely damaging to upper respiratory tract and mucous membranes.

Germ cell mutagenicity

No Data Available

Carcinogenicity

No Data Available

Reproductive toxicity

No Data Available

Summary of evaluation of the CMR properties

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OSHA : No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

Additional information

*TOXICITY:

typ. dose mode specie amount unit other

TDLo skn hmh 6 mg/kg

LDLo orl man 500 mg/kg

LD50 orl rat 2530 mg/kg

LD50 orl mus 2370 mg/kg

LD50 ipr mus 1460 mg/kg

LD50 orl dog 2000 mg/kg

LD50 orl cat 2000 mg/kg

LDLo orl rbt 2000 mg/kg

LDLo scu rbt 2000 mg/kg

LDLo ipr gpg 1400 mg/kg

LDLo scu frg 100 mg/kg

*AQTX/TLM96: Not available

*SAX TOXICITY EVALUATION:

THR: It appears to be of HIGH toxicity by vapor inhalation. A MODERATE human skin irritant. A MILD irritant to skin of rabbits. A SEVERE eye irritant in rabbits.

*CARCINOGENICITY: Not available

*MUTATION DATA:

test lowest dose | test lowest dose

----- | -----
dni-hmh:lym 5 mmol/L |

*TERATOGENICITY: Not available

*STANDARDS, REGULATIONS & RECOMMENDATIONS:

OSHA: None

ACGIH: None

NIOSH Criteria Document: None

NFPA Hazard Rating: Health (H): 2

Flammability (F): 1

Reactivity (R): None

H2: Materials hazardous to health, but areas may be entered freely with full-faced mask self-contained breathing apparatus which provides eye protection (see NFPA for details).

F1: Materials that must be preheated before ignition can occur (see NFPA for details).

*OTHER TOXICITY DATA:

Skin and Eye Irritation:

skn-hmh 22 mg/3D-I MOD

skn-rbt 500 mg/24H MLD

eye-rbt 100 mg SEV

Standards and Regulations: DOT-Hazard: ORM-E; Label: None

Status: Reported in EPA TSCA Inventory, 1983

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EPA Genetic Toxicology Program, January 1984
EPA TSCA Section 8(e) Status Report 8EHQ-1177-0018
Meets criteria for proposed OSHA Medical Records Rule

SECTION 12: Ecological information

Toxicity

No Data Available

Persistence and degradability

No Data Available

Bioaccumulative potential

No Data Available

Mobility in soil

No Data Available

Results of PBT and vPvB assessment

No Data Available

Other adverse effects

No Data Available

SECTION 13: Disposal considerations

Disposal of the product

Dispose of contents/ container in accordance with the local/regional/national/international regulations. Non Household Setting: Products covered by this SDS, in their original form, when disposed as waste, are considered non hazardous waste according to Federal RCRA regulations (40 CFR 261). Disposal should be in accordance with local, state and federal regulations. Solutions of diluted detergent in the course of use, may be allowed to be flushed down sewer. First check with your local water treatment plant. Recycling is undiluted scrap product. Do not landfill. Household Use: Household product is safe for disposal down the drain during detergent use or in the trash. Dispose of empty bottle in the trash or recycle where facilities exist.

Disposal of contaminated packaging

Offer surplus and non-recyclable solutions to a licensed disposal company.

Waste treatment

No Data Available

Sewage disposal

No Data Available

Other disposal recommendations

No Data Available

SECTION 14: Transport information

DOT (US)

Not dangerous goods

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IMDG

Not dangerous goods

IATA

Not dangerous goods

SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations specific for the product in question

Pennsylvania Right To Know Components

Chemical name: Benzoic acid

CAS number: 65-85-0

New Jersey Right To Know Components

Common name: BENZOIC ACID

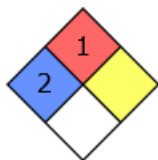
CAS number: 65-85-0

Massachusetts Right To Know Components

Chemical name: Benzoic acid

CAS number: 65-85-0

NFPA Rating



SECTION 16: Other information

None

16.1 Further information/disclaimer

None