

# MATERIAL SAFETY DATA SHEET

Distributor's Name: <b>Painful Pleasures, Inc</b>
Address: <b>7410 Coca Cola Dr. Unit # 214</b>
Business Tel: <b>410-712-0145</b>
PRODUCT NAME: <b>Tattoo Soothe / Feel Better Now Topical Cream</b>
COMPONENTS: <b>Benzocaine 20%</b> <b>Lidocaine 5%</b> <b>Tetracaine 4%</b>

## Benzocaine

**I - Product Identification:** Code: 0063  
*Product Name:* Benzocaine, USP CAS#: 94-09-7  
*Empirical Formula:* C<sub>9</sub>H<sub>11</sub>NO<sub>2</sub>  
*Chemical Name:* Ethyl p-aminobenzoate  
*Uses:* Local anaesthetic

## II - Toxicological Information:

*Irritancy:* May cause irritation to skin, eyes, mucous membranes and respiratory tract.  
*Adverse Effects:*  
Harmful if swallowed, inhaled or absorbed through the skin. The substance is toxic to blood and the nervous system. The substance is a skin sensitizer.  
*Toxicity Data:* Oral:  
Rabbit: LD50: 1150 mg/kg

## III - Physical Data:

*Physical State:* Liquid Solid X Gas  
*Description:* Small, white crystals or white crystalline powder; is odorless and is stable in air.  
*Solubility:* Very slightly soluble in water; freely soluble in alcohol, in chloroform and in ether; sparingly soluble in almond oil and in olive oil. Dissolves in dilute acids.  
*Other Physical Properties:* mw: 165.19 boiling point: 310°C  
*USP Specifications:*  
Identification: Conforms to the std tests (A,B,C)  
Residue on ignition<281>: <=0.1%  
Melting range<741>I: 88-92°C  
Ordinary impurities<466>: <=1.0%  
Reaction: A red color is produced  
Readily carbonizable substances<271>: Meets the requirements.  
Chloride: No turbidity produced immediately  
Heavy metals<231>II: <=0.001%  
Loss on drying<731>: <=1.0%  
Assay (on dried basis): 98.0 - 102.0 %  
Packaging and Storage: Preserve in well-closed containers.

**IV - Fire And Explosion Hazards:**

**Flammability:** May be combustible at high temperatures  
**Flash Point:** N/A  
**Extinguishing Media:** Water spray, fog, dry chemical, or alcohol foam.  
**Fire-Fighting:** Wear full protective clothing and NIOSH-approved self-contained breathing apparatus with full face piece operated in the pressure demand or other positive pressure mode.

**V - Reactivity Data:**

**Stability:** Stable.  
**Incompatibilities:** N/A  
**Hazardous Decomp. Products:** Carbon oxides and nitrogen oxides.  
**Hazardous Polymerization:** Will not occur.

**VI - Preventive Measures:**

**Personal Protective Equipment:** NIOSH-approved respirator, chemical resistant gloves, safety goggles and clean covering clothing.  
**Specific Engineering Controls:** A system of local and/or general exhaust is recommended. Maintain eye wash fountain and quick-drench facilities in work area.  
**Spill & Leak:** Remove all sources of ignition. Ventilate area of leak or spill. Wear appropriate personal protective equipment. Clean up spills in a manner that does not disperse dust into air. Use non-sparking tools and equipment. Reduce airborne dust and prevent scattering by moistening with water. Pick up spill for recovery or disposal and place in a closed container.  
**Waste Disposal:** Whatever cannot be saved for recovery or recycling should be managed in an appropriate and approved waste disposal facility. Processing, use or contamination of this product may change the waste management options. State and local disposal regulations may differ from federal disposal regulations. Dispose of container and unused contents in accordance with federal, state and local requirements.  
**Storage:** Preserve in well-closed containers.

**VII - First Aid Measures:**

**Eyes:** Flush with copious amounts of water for 15 minutes, lifting lower and upper eyelids occasionally. Get medical attention immediately.  
**Skin:** Remove any contaminated clothing. Wash skin with soap or mild detergent and water for at least 15 minutes. Get medical attention if irritation develops or persists.  
**Ingestion:** Induce vomiting immediately as directed by medical personnel. Get medical attention.  
**Inhalation:** Remove to fresh air. Get medical attention for any breathing difficulty.  
**NOTE:** If victim is unconscious, never induce vomiting nor give liquids. Place victim in a stable side position and keep warm.  
**Ecological Data:** N/A  
**Hazardous Ingredients:** N/A  
**References:** Available on request

## Lidocaine

**I - Product Identification:**

**Product Name:** Lidocaine,  
**Chemical Name:** 2-(diethylamino)-2,6-acetoxylidide  
**Empirical Formula:** C<sub>14</sub>H<sub>22</sub>N<sub>2</sub>O  
**Uses:** Local anesthetic; antiarrhythmic.

**II - Toxicological Information:**

**Irritancy:** Causes irritation to skin, eyes, mucous membranes and respiratory tract.  
**Adverse Effects:** Harmful if swallowed, inhaled or absorbed through the skin. Small quantities of the substance can cause notable troubles for the health (nausea, stomach ache, vomiting, and diarrhoea). Effects the reproductive system and is a possible mutagen.  
**Toxicity Data:** Oral:  
Rat: LD50: 317 mg/kg  
Mouse: LD50: 220 mg/kg

**III - Physical Data:**

**State:** Liquid Solid X Gas  
**Description:** White or slightly yellow, crystalline powder having a characteristic odor.  
**Solubility:** Practically insoluble in water; very soluble in alcohol and chloroform; freely soluble in benzene and in ether. Dissolves in oils  
**Other Physical Properties:** mw: 234.34  
**USP Specifications:**  
Identification: Conforms to the std tests (A,B)  
Melting range<741>: 66°C - 69° C  
Residue on ignition<281>: <= 0.1%  
Sulfate: No more turbidity produced  
Chloride<221>: <= 0.0035%  
Heavy metals<231>I: <= 0.002%  
Assay: 97.5% - 102.5%  
Packaging and Storage: Preserve in well-closed containers.

**IV - Fire And Explosion Hazards:**

**Flammability:** Non-flammable.  
**Flash Point:** N/A  
**Extinguishing Media:** Carbon Dioxide, foam, dry chemical powder, water spray  
**Fire Fighting Procedures:** Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.

**V - Reactivity Data:**

**Stability:** Stable.  
**Incompatibilities:** Strong oxidants.  
**Hazardous Decomp. Products:** carbon monoxide, carbon dioxide.  
**Hazardous Polymerization:** Will not polymerize.

**VI - Preventive Measures:**

**Personal Protective Equipment:** Wear self contained breathing apparatus, rubber boots and heavy rubber gloves.

**Specific Engineering Controls:** Use only in a chemical fume hood. Safety shower and eye bath.

**Spills & Leaks:** Sweep up, place in a bag and hold for waste disposal. Avoid raising dust.

Ventilate area

and wash spill site after material pickup is complete.

**Waste Disposal:** Dissolve with combustible solvent. Burn in chemical incinerator equipped with afterburner

and scrubber according to local laws and regulations.

**Storage:** Preserve in well-closed containers.

#### VII - First Aid Measures:

**Eyes:** Flush with copious amounts of water for 15 minutes. Assure adequate flushing by separating the eyelids with fingers. Call a physician.

**Skin:** Flush with copious amounts of water for 15 minutes. Remove contaminated clothing and shoes. Call a physician

**Ingestion:** Wash out mouth with water provided person is conscious. Call a physician immediately.

**Inhalation:** Remove to fresh air. If not breathing, give A.R. If breathing is difficult, give oxygen.

**NOTE:** If victim is unconscious, never induce vomiting nor give liquids. Place victim in a stable side position and keep warm.

**Ecological Data:** N/A

**Hazardous Ingredients:** N/A

**References:** Available on request

## Tetracaine

#### I - Product Identification:

**Product Name:** Tetracaine, USP CAS#: 94-24-6

**Empirical Formula:** C<sub>15</sub>H<sub>24</sub>N<sub>2</sub>O<sub>2</sub>

**Chemical Name:** Benzoic Acid, 4-(butylamino)-, 2-(dimethylamino) ethyl ester.

**Uses:** Anesthetic

#### II - Toxicological Information:

**Irritancy:** May cause irritation to skin, eyes, mucous membranes and upper respiratory tract.

**Adverse Effects:** Very hazardous in case of skin contact (permeator), of ingestion, of inhalation.

May cause

stinging sensation while used in the eyes. May caused systemic adverse effects. Affects CNS and cardiovascular system. Excitation of the CNS may be manifested by

restlessness,

excitements, nervousness, paraesthesias, dizziness, tinnitus, blurred vision, nausea and vomiting, muscle twitching and tremors, and convulsions.

**Toxicological Data:** N/A

### III - Physical Data:

**Physical State:** Liquid Solid X Gas  
**Description:** White or light yellow, waxy solid.  
**Solubility:** Very slightly soluble in water; soluble in alcohol, in ether, in benzene, and in chloroform.  
**Other Physical Properties:** mw: 264.36 mp: 41°C  
**USP Specifications:**  
Identification: Conforms to the std tests (A, B)  
Residue on ignition<281> : <= 0.1%  
Melting range <741>I: 41°-46°  
Chromatographic purity: <= 0.4% (individual impurity) <= 0.8% (total impurities)  
Loss on drying<731> : <= 0.5%  
Assay (on dried basis): 98.0-101.0%  
Packaging and Storage: Preserve in tight, light-resistant containers.

### IV - Fire And Explosion Hazards:

**Flammability:** May be combustible at high temperature.  
**Flash Point:** N/A  
**Extinguishing Media:** Water, carbon dioxide, dry chemical powder or foam.  
**Fire fighting:** Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.

### V - Reactivity Data:

**Stability:** Stable  
**Incompatibilities:** Oxidizing agents.  
**Hazardous Decomp. Products:** Toxic fumes of nitrogen oxides, carbon oxides.  
**Hazardous Polymerization:** Will not polymerize.

### VI - Preventive Measures:

**Preventive Measures:** Do not breathe vapour or dust. Avoid contact with skin and eyes. Avoid prolonged or repeated contact. Wash thoroughly after handling.  
**Personal Protective Equipment:** Wear appropriate NIOSH/MSHA-approved respirator, chemical resistant gloves, safety goggles  
**Specific Engineering Controls:** Adequate mechanical ventilation with chemical fume hood. Safety shower and eye bath.  
**Spills and Leaks:** Sweep up, place in a bag and hold for waste disposal. Avoid raising dust. Ventilate area and wash spill site after material pick up is complete.  
**Waste Disposal:** Dissolve or mix the material with a combustible solvent and burn in a chemical incinerator equipped with an afterburner and scrubber. Observe all federal, state and local environmental regulations.  
**Storage:** Preserve in tight, light-resistant containers.

### VII - First Aid Measures:

**Eyes:** Flush with copious amounts of water for 15 minutes, separating eyelids with fingers.  
**Skin:** Wash with soap and water for 15 minutes.  
**Ingestion:** Call a physician. Wash out mouth with water.  
**Inhalation:** Remove to fresh air. If not breathing, give A.R. If breathing is difficult, give oxygen.  
**NOTE:** If victim is unconscious, never induce vomiting nor give liquids. Place victim in a stable side position and keep warm.  
**Ecological Data:** N/A  
**Hazardous Ingredients:** N/A  
**References:** Available on request