

MATERIAL SAFETY DATA SHEET

SODIUM BENZOATE

Tarr

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

MANUFACTURER: Distributed by Tarr Acquisition, LLC
4115 W. Turney Avenue
Phoenix, AZ 85019

INFORMATION PHONE: (602) 233-2000

EMERGENCY PHONE: **CHEMTREC 800-424-9300 (US) Day or night**
International Call Collect CHEMTREC 202-483-7616

PRODUCT NAME: **SODIUM BENZOATE**

PRODUCT NUMBER: 2796, 4098

UPC NUMBER:

PREPARED BY: Patricia Rodabaugh

DATE PREPARED: 12/29/2003

LAST REVISION: 2/2/2001

SYNONYMS:

Portland, Oregon
Phoenix, Arizona
Auburn, Washington
Vancouver, Washington

Print Date: 11/22/2004

2. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS #	Weight %	OSHA PEL	ACGIH TLV	NOTE
Benzoic acid	65-85-0	100	n/a	n/a	

3. HAZARDOUS IDENTIFICATION

EMERGENCY OVERVIEW: DANGER! Oxidizer and corrosive. Causes severe burns, harmful or fatal if swallowed. Do not get in eyes, on skin, or on clothing.. Do not breathe vapors or mists. KEEP OUT OF REACH OF CHILDREN. Use good personal hygiene when handling this product. Wash hands after use.

POTENTIAL HEALTH EFFECTS

EYE CONTACT: Material is a severe eye irritant. Direct contact with the liquid or exposure to its vapors or mists may cause stinging, tearing, redness, swelling and eye damage.

INHALATION: Breathing high concentrations of vapors or mists may cause irritation of the nose or throat and signs of nervous system depression.

INGESTION: Ingestion of excessive quantities may cause irritation of the digestive tract, and signs of nervous system depression (headache, drowsiness, dizziness, loss of coordination, and fatigue.)

SKIN CONTACT: This material is a skin irritant. Direct contact may cause redness or burning, drying and cracking of the skin.

SIGNS AND SYMPTOMS OF EXPOSURE:

Shortness of breathing, confused behavior, redness of skin, swelling of tissues, watery eyes, nausea.

4. FIRST AID MEASURES

EYE CONTACT: Immediately flush with plenty of water for at least 15 minutes. After initial flushing, remove any contact lenses and continue flushing for at least 30 minutes. Seek immediate medical attention.

INHALATION: Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, oxygen should be administered by qualified personnel. Get medical attention immediately.

INGESTION: DO NOT INDUCE VOMITING. CORROSIVE MATERIAL, ACID BURNS! If victim has breathing difficulties, call for emergency medical help. If victim is conscious and alert, immediately rinse mouth with water and dilute the ingested material by giving one glass of milk or water to drink. Call a physician or poison center. If possible, do not leave victim unattended.

SKIN CONTACT: Immediately flush the affected area with large amounts of water removing contaminated shoes and clothing. If skin surface is damaged, apply a clean dressing and seek immediate medical attention. If skin surface is not damaged, wash the area thoroughly with mild soap and water.

AGGRAVATED MEDICAL CONDITIONS:

Existing lung and skin conditions may be aggravated by repeated exposure. Not listed as a carcinogen by OSHA. No adverse long-term effects are known.

SUPPLEMENTAL HEALTH INFORMATION:

None identified

5. FIRE FIGHTING MEASURES

FLAMMABLE PROPERTIES

FLASH POINT: 460 F

FLASH POINT METHOD USED: Tag Closed Cup

AUTOIGNITION: NDA

LEL: 0 **UEL:** 0

EXTINGUISHING MEDIA:

Use water fog, "alcohol" foam, dry chemical, or CO2.

SPECIAL FIRE FIGHTING PROCEDURES:

The use of SCBA is recommended for firefighters. Water spray may be used to cool containers exposed to heat or flame.

UNUSUAL FIRE AND EXPLOSION HAZARDS:

None identified.

COMBUSTION PRODUCTS:

Carbon monoxide and unidentified organic compounds may be formed during combustion.

6. ACCIDENTAL RELEASE MEASURES

STEPS TO BE TAKEN IN CASE MATERIAL IS SPILLED OR RELEASED:

Remove all sources of ignition and provide ventilation. Wear protective equipment as given in Section 8. Dike around large spills to prevent spreading. Pick up any spilled material. Prevent contamination of surface waters. Properly dispose of any waste material.

7. HANDLING AND STORAGE

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:

Keep containers tightly closed when not in use. Use and store this product in cool, dry, well ventilated area away from heat and all sources of ignition. Store to avoid contact with incompatible materials, such as ordinary combustibles, flammable liquids, greases, and those materials, including other oxidizers, that could react with the oxidizer or catalyze its decomposition. Avoid exposure to direct sunlight and heat which will increase corrosion with many common materials including mild steel, PVC, Viton and rubber. Storage containers should be closed to contain fumes but vented to a scrubbing system to avoid pressure build up.

OTHER PRECAUTIONS:

KEEP OUT OF REACH OF CHILDREN! Empty containers retain product residue and can be dangerous. Oxidizer and corrosive. Causes severe burns. Harmful or fatal if swallowed. Do not get in eyes, on skin or on clothing. Do not breathe vapors or mists.

8. EXPOSURE CONTROL/PERSONAL PROTECTION

RESPIRATORY PROTECTION:

Wear a NIOSH/MSHA-approved respirator when the airborne concentration of this product exceeds the Threshold Limit Value (TLV).

VENTILATION:

Provide exhaust ventilation sufficient to keep the airborne concentration of this product below its exposure limits. Exhaust air may need to be cleaned by scrubbers or filters to reduce environmental contamination.

PROTECTIVE GLOVES:

Neoprene or rubber gloves are recommended.

EYE PROTECTION:

Use chemical safety goggles and/or full face shield where splashing is possible. Contact lenses should not be worn when working with this material. Maintain eye wash fountain and quick-drench facilities in work areas.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT:

Wear gloves and protective clothing which are impervious to this product for the duration of anticipated exposure, if there is potential for skin contact.

WORK / HYGENIC PRACTICES:

Use good personal hygiene when handling this product. Wash hands after use, before eating, drinking, smoking, or using the toilet.

ENGINEERING CONTROLS:

Facilities storing or utilizing this material should be equipped with and eyewash facility and a safety shower.

EXPOSURE GUIDELINES:

May be harmful or fatal if swallowed. May irritate body tissues. Use with adequate ventilation. Avoid breathing vapor. Do not get in eyes, on skin, on clothing. Wash thoroughly after handling.

9. PHYSICAL AND CHEMICAL PROPERTIES

SOLUBILITY IN WATER: Soluble with water.

APPEARANCE AND ODOR: White granular powder or pellets.

BOILING POINT:	480 F	PERCENT VOLATILE:	100
VAPOR PRESSURE:	<1	PH:	
EVAPORATION RATE:	Slower than ether	MOLECULAR WEIGHT:	NDA
POUNDS PER GALLON:		VAPOR DENSITY:	Heavier than air
SPECIFIC GRAVITY:	1.3	OTHER PROPERTIES:	N/A
MELTING POINT:	NDA		
FREEZING POINT:	NDA		

10. STABILITY AND REACTIVITY

STABILITY: Stable

CONDITIONS TO AVOID: Avoid heat, sparks, flame and contact with strong oxidizing agents.

INCOMPATIBILITY:

Strong acids or bases, oxidizers, alkali metals and halogens.

HAZARDOUS DECOMPOSITION OR BY PRODUCTS:

Hazardous products of decomposition can include phenol, benzene, carbon monoxide, and carbon dioxide.

HAZARDOUS POLYMERIZATION: Will Not Occur

CONDITIONS TO AVOID: Avoid heat, flame, and other sources of ignition.

11. TOXICOLOGY INFORMATION

N/A

12. ECOLOGICAL INFORMATION

Keep out of waterways

13. DISPOSAL CONSIDERATIONS

The preferred options for disposal are to send to licensed reclaimers, or to permitted incinerators. Any disposal practice must be in compliance with federal, state, and local regulations. Do not dump into sewers, ground, or any body of water.

14. TRANSPORTATION INFORMATION

DOT Proper Shipping Name:	Not Regulated (as a hazardous material)	PACKING GROUP:	N/A
HAZARD CLASS:	N/A	GUIDE NUMBER:	N/A
UN NUMBER:	N/A	DOT CLASS:	Not DOT Regulated

15. REGULATORY INFORMATION

No information available.

16. OTHER INFORMATION

HMS INFORMATION: **HEALTH:** 1 **FLAMMABILITY:** 1 **REACTIVITY:** 0 **PROTECTIVE:** G

SARA Title III Information:

SARA 302: To the best of our knowledge, none of the chemicals in this product are listed as an Extremely Hazardous Substance under Section 302 of SARA Title III nor does this product contain any other such substances.

SARA 311/312: This product should be reported as an immediate (acute) health hazard, delayed (chronic) health hazard, and a fire hazard.

SARA 313: To the best of our knowledge, this product is not listed as a toxic chemical.

N/A = Not Applicable

NDA = No Data Available

Disclaimer

This information contained herein is based on the data available to us and is believed to be accurate. However, Tarr Acquisition, LLC (Tarr, LLC) makes no warranty, expressed or implied regarding the accuracy of this data or the results to be obtained from the use thereof. Tarr, LLC assumes no responsibility for injuries from the use of the product described herein.