

# MATERIAL SAFETY DATA SHEET

## Jasco TSP No-Rinse Substitute Tablets

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Printed: 10/14/2009

Revision: 12/09/2008

Supersedes Revision: 08/20/2008

### 1. Product and Company Identification

**Product Code:** 0409  
**Product Name:** Jasco TSP No-Rinse Substitute Tablets  
**Manufacturer Information**  
**Company Name:** W. M. Barr  
2105 Channel Avenue  
Memphis, TN 38113  
**Phone Number:** (901)775-0100  
**Emergency Contact:** 3E 24 Hour Emergency Contact (800)451-8346  
**Information:** W.M. Barr Customer Service (800)398-3892  
**Web site address:** www.wmbarr.com  
**Preparer Name:** W.M. Barr EHS Dept (901)775-0100  
**Synonyms**  
0409, 18030, EBTT18030

### 2. Composition/Information on Ingredients

Hazardous Components (Chemical Name)	CAS #	Concentration	OSHA PEL	ACGIH TLV
1. Boric acid	10043-35-3	No Data.	No data.	No data.

### 3. Hazards Identification

#### Emergency Overview

No data available.

#### OSHA Regulatory Status:

This material is classified as hazardous under OSHA regulations.

#### Potential Health Effects (Acute and Chronic)

POTENTIAL ACUTE HEALTH EFFECTS:

EYE: IRRITANT. AVOID CONTACT WITH EYES.

SKIN: IRRITANT. AVOID CONTACT WITH SKIN.

INGESTION: HARMFUL IF SWALLOWED. SEEK MEDICAL ATTENTION IF INGESTION SHOULD OCCUR.

INHALATION: IRRITANT. AVOID BREATHING DUST.

#### Signs and Symptoms Of Exposure

No data available.

### 4. First Aid Measures

#### Emergency and First Aid Procedures

INHALATION: MOVE TO FRESH AIR. IF BREATHING IS DIFFICULT, GET MEDICAL ATTENTION.

SKIN: IMMEDIATELY WASH WITH MILD SOAP AND WATER FOR 15 MINUTES. SEEK MEDICAL ATTENTION IF IRRITATION PERSISTS.

EYE: IMMEDIATELY FLUSH WITH WATER FOR 15 MINUTES. SEEK MEDICAL ATTENTION IF IRRITATION PERSISTS.

INGESTION: DRINK LARGE AMOUNTS OF WATER. DO NOT INDUCE VOMITING.

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### 5. Fire Fighting Measures

**Flash Pt:** No data.  
**Explosive Limits:** LEL: No data. UEL: No data.

**Fire Fighting Instructions**

No data available.

**Flammable Properties and Hazards**

No data available.

**Extinguishing Media**

WATER, CARBON DIOXIDE, AND DRY CHEMICAL.

**Unsuitable Extinguishing Media**

No data available.

### 6. Accidental Release Measures

**Steps To Be Taken In Case Material Is Released Or Spilled**

VACUUM OR MOISTEN WITH WATER AND COLLECT INTO CLOSED CONTAINER. SPILL AREA SHOULD BE FLUSHED WITH WATER.

### 7. Handling and Storage

**Precautions To Be Taken in Handling**

KEEP CONTAINER TIGHTLY CLOSED AND IN A COOL DRY PLACE AWAY FROM SOURCES OF IGNITION. KEEP OUT OF REACH OF CHILDREN.

**Precautions To Be Taken in Storing**

KEEP CONTAINER TIGHTLY CLOSED AND IN A COOL DRY PLACE AWAY FROM SOURCES OF IGNITION. KEEP OUT OF REACH OF CHILDREN.

### 8. Exposure Controls/Personal Protection

**Respiratory Equipment (Specify Type)**

NOT NORMALLY REQUIRED. USE IN WELL VENTILATED AREA.

**Eye Protection**

USE CHEMICAL GOGGLES OR GLASSES WITH SIDE SHIELDS.

**Protective Gloves**

RUBBER, VINYL OR NITRILE.

**Engineering Controls (Ventilation etc.)**

USE IN WELL VENTILATED AREA.

**Work/Hygienic/Maintenance Practices**

THE USUAL PRECAUTION FOR THE HANDLING OF CHEMICALS MUST BE OBSERVED.

### 9. Physical and Chemical Properties

**Physical States:** [ ] Gas [ ] Liquid [ X ] Solid  
**Melting Point:** No data.  
**Boiling Point:** No data.  
**Autoignition Pt:** No data.  
**Flash Pt:** No data.  
**Explosive Limits:** LEL: No data. UEL: No data.  
**Specific Gravity (Water = 1):** No data.  
**Bulk density:** No data.  
**Vapor Pressure (vs. Air or mm Hg):** No data.  
**Vapor Density (vs. Air = 1):** No data.

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**Evaporation Rate (vs Butyl Acetate=1):** No data.  
**Solubility in Water:** Readily Soluble  
**Percent Volatile:** No data.  
**Heat Value:** No data.  
**Particle Size:** No data.  
**Corrosion Rate:** No data.  
**pH:** 8.0 - 10.0

**Appearance and Odor**

WHITE SOLID WITH NO ODOR

**10. Stability and Reactivity**

**Stability:** Unstable [ ] Stable [ X ]

**Conditions To Avoid - Instability**

EXTREME HIGH TEMPERATURES.

**Incompatibility - Materials To Avoid**

EASILY OXIDIZABLE MATERIALS.

**Hazardous Decomposition Or Byproducts**

NONE

**Hazardous Polymerization:** Will occur [ ] Will not occur [ X ]

**Conditions To Avoid - Hazardous Polymerization**

No data available.

**11. Toxicological Information**

THE TOXICOLOGICAL PROPERTIES OF THE PRODUCT WAS NOT TESTED.

THE FOLLOWING ARE COMPONENT(S) DATA:

TOXOCOLOGICAL DATA: ORAL LD50 RAT: 2660 MG/KG; DERMAL LD50 RABBIT: >2000 MG/KG;  
ORAL LDLo: 220 MG/KG WOMAN;  
INVESTIGATED AS A TURMORIGEN, MUTAGEN, REPRODUCTIVE EFFECTOR

REPRODUCTIVE TOXICITY: MAY IMPAIR FERTILITY MAT CAUSE HARM TO UNBORN CHILD

**Carcinogenicity/Other Information**

No data available.

Hazardous Components (Chemical Name)	CAS #	NTP	IARC	ACGIH	OSHA
1. Boric acid	10043-35-3	n.a.	n.a.	n.a.	n.a.

**12. Ecological Information**

THE ECOLOGICAL PROPERTIES OF THE PRODUCT WAS NOT TESTED.

THE FOLLOWING ARE COMPONENT(S) DATA:

ENVIRONMENTAL FATE:

BORIC ACID:

48 HR EC50 WATER FLEA: 115.0 MG/L [STATIC]

ENVIRONMENTAL TOXICITY:

BORIC ACID:

72 HR LC50 CARASSIUS AURATUS: 1020 MG/L (FLOW-THROUGH)

48 HR EC50 DAPHNIA MAGNA: 658-875 MG/L

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THIS MATERIAL MAY BE TOXIC TO AQUATIC LIFE.

**13. Disposal Considerations**

**Waste Disposal Method**

FOLLOW FEDERAL, PROVINCIAL OR STATE AND LOCAL GOVERNMENT REQUIREMENTS FOR DISPOSAL.

**14. Transport Information**

**LAND TRANSPORT (US DOT)**

**DOT Proper Shipping Name**

Not Regulated.

**15. Regulatory Information**

**US EPA SARA Title III**

**Hazardous Components (Chemical Name)**

1. Boric acid

**CAS #**

10043-35-3

**Sec.302 (EHS)**

No

**Sec.304 RQ**

No

**Sec.313 (TRI)**

No

**Sec.110**

**US EPA CAA, CWA, TSCA**

**Hazardous Components (Chemical Name)**

1. Boric acid

**CAS #**

10043-35-3

**EPA CAA**

No

**EPA CWA NPDES**

No

**EPA TSCA**

Inventory

**CA PROP 65**

**SARA (Superfund Amendments and Reauthorization Act of 1986) Lists:**

**Sec.302:**

EPA SARA Title III Section 302 Extremely Hazardous Chemical with TPQ. \* indicates 10000 LB TPQ if not volatile.

**Sec.304:**

EPA SARA Title III Section 304: CERCLA Reportable + Sec.302 with Reportable Quantity. \*\* indicates statutory RQ.

**Sec.313:**

EPA SARA Title III Section 313 Toxic Release Inventory. Note: -Cat indicates a member of a chemical category.

**Sec.110:**

EPA SARA 110 Superfund Site Priority Contaminant List

**TSCA (Toxic Substances Control Act) Lists:**

**Inventory:**

Chemical Listed in the TSCA Inventory.

**5A(2):**

Chemical Subject to Significant New Rules (SNURS)

**6A:**

Commercial Chemical Control Rules

**8A:**

Toxic Substances Subject To Information Rules on Production

**8A CAIR:**

Comprehensive Assessment Information Rules - (CAIR)

**8A PAIR:**

Preliminary Assessment Information Rules - (PAIR)

**8C:**

Records of Allegations of Significant Adverse Reactions

**8D:**

Health and Safety Data Reporting Rules

**8D TERM:**

Health and Safety Data Reporting Rule Terminations

**12(b):**

Notice of Export

**Other Important Lists:**

**CWA NPDES:**

EPA Clean Water Act NPDES Permit Chemical

**CAA HAP:**

EPA Clean Air Act Hazardous Air Pollutant

**CAA ODC:**

EPA Clean Air Act Ozone Depleting Chemical (1=CFC, 2=HCFC)

**CA PROP 65:**

California Proposition 65

**International Regulatory Lists:**

**EPA Hazard Categories:**

This material meets the EPA 'Hazard Categories' defined for SARA Title III Sections 311/312 as indicated:

Yes  No Acute (immediate) Health Hazard

Yes  No Chronic (delayed) Health Hazard

Yes  No Fire Hazard

Yes  No Sudden Release of Pressure Hazard

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[ ] Yes [X] No Reactive Hazard

**16. Other Information**

**Company Policy or Disclaimer**

The information contained herein is presented in good faith and believed to be accurate as of the effective date shown above. This information is furnished without warranty of any kind. Employers should use this information only as a supplement to other information gathered by them and must make independent determination of suitability and completeness of information from all sources to assure proper use of these materials and the safety and health of employees. Any use of this data and information must be determined by the user to be in accordance with applicable federal, state and local laws and regulations.