

Section 1: CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name: Transoptic Powder
Part Number: TO- (all sizes)
Relevant Use: Laboratory Chemicals
Manufacturer: Sturbridge Metallurgical Services Inc.
City, State, Zip: Sturbridge MA 01566
Phone Number: 508-347-5288
Emergency Phone: **CHEMTREC 1-800-424-9300**

Section 2: Hazard(s) Identification

Classification of the substance or mixture

Not a hazardous substance or mixture.

GHS Label elements, including precautionary statements

Not a hazardous substance or mixture.

Hazards not otherwise classified (HNOC) or not covered by GHS

None

HMIS Ratings	NFPA Rating
Health: 0	Health: 0
Flammability: 0	Flammability: 0
Reactivity: 0	Reactivity: 0
	Special Hazard: 0

Section 3: Composition/Information on Ingredients

Substances

CAS NO. 9003-42-3

No ingredients are hazardous according to OSHA criteria.

No components need to be disclosed according to the applicable regulations.

Section 4: First-Aid Measures

First-aid measures after inhalation

If breathed in, move person into fresh air. If not breathing, give artificial respiration.

First-aid measures after skin contact

Wash off with soap and plenty of water.

First-aid measures after eye contact

Flush eyes with water as a precaution.

First-aid measures after ingestion

Never give anything by mouth to an unconscious person. Rinse mouth with water.

Most important symptoms and effects, both acute and delayed

The most important known symptoms and effects are described in the labelling (see section 2.2) and/or in section 11

Section 5: Fire-Fighting Measures

Suitable extinguishing media

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

Special hazards arising from the substance or mixture

Nature of decomposition products not known.

Advice for firefighters

Wear self-contained breathing apparatus for firefighting if necessary.

Further Information

No data available

Section 6: Accidental Release Measures

Personal Precautions, Protective Equipment and Emergency Procedures

Avoid breathing vapours, mist or gas.

For personal protection see section 8.

Environmental precautions

Do not let product enter drains.

Methods and materials for containment and cleaning up

Keep in suitable, closed containers for disposal.

Reference to other sections

For disposal see section 13.

Section 7: Handling and Storage

Precautions for safe handling

For precautions see section 2.2

Conditions for safe storage, including any incompatibilities

Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage. Keep in a dry place.

Specific end use(s)

Apart from the uses mentioned in section 1.2 no other specific uses are stipulated.

Section 8: Exposure Controls/Personal Protection Exposure Limits

Control Parameters

Contains no substances with occupational exposure limit values.

Exposure Controls

Appropriate engineering controls

General industrial hygiene practice.

Personal protective equipment

Eye/face protection-Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

Skin protection- Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.

Body Protection

Impervious clothing, The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

Respiratory protection

Respiratory protection not required. For nuisance exposures use type OV/AG (US) or type ABEK (EU EN 14387) respirator cartridges. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU)

Control of environmental exposure

Do not let product enter drains.

Section 9: Physical and Chemical Properties

Physical state: Powder

Appearance: Light color yellow

Odor: No data available

Odor Threshold: No data available

pH: No data available

Melting Point: No data available

Freezing Point: No data available

Boiling Point: No data available

Flash Point: No data available

Relative evaporation rate: No data available

Flammability (solid, gas): No data available

Explosion limits: No data available

Explosive properties No data available

Oxidizing properties No data available

Vapor pressure: No data available

Vapor density: No data available

Relative density: 1.11 g/cm³ at 25°C (77°F)

Water Solubility: No data available

Auto-ignition temperature: No data available

Decomposition temperature: No data available

Viscosity: No data available

Explosive properties: No data available

Oxidizing properties: The substance or mixture is classified as oxidizing with the category 2

Other: No data available

Section 10: Stability and Reactivity

Reactivity: No data available

Chemical stability: Stable under recommended storage conditions.

Possibility of hazardous reactions: No data available

Conditions to avoid: No data available

Incompatibilities: Strong oxidizing agents, Strong bases

Hazardous Decomposition Products: Other decomposition products - no data available In the event of fire: see section 5

Section 11: Toxicological Information:

Acute Toxicity – No data available

Inhalation: No data available

Dermal: No data available

Skin corrosion/irritation: No data available

Respiratory or skin sensitization: No data available

Germ cell mutagenicity No data available

Carcinogenicity

IARC: 3 - No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

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

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

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

Reproductive toxicity: No data available

Specific target organ toxicity: - single exposure No data available

Specific target organ toxicity: - repeated exposure No data available

Aspiration hazard: No data available

Additional Information: RTECS: Not available

To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

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

Other adverse effects: No data available

Section 13: Disposal Considerations

Product

Offer surplus and non-recyclable solutions to a licensed disposal company. Avoid release to the environment.

Contaminated packaging

Dispose of as unused product

Section 14: Transportation Information

Department of Transportation (DOT, United States of America)

Not dangerous goods

IMDG and IATA

Not dangerous goods

Section 15: Regulatory Information

SARA 302 Components

SARA 302: No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302

SARA 313 Components

SARA 313: This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

SARA 311/312 Hazards

No SARA Hazards

Massachusetts Right to Know Components

No components are subject to the Massachusetts Right to Know Act

Pennsylvania Right to Know Components

Poly(ethyl methacrylate) CAS No. 9003-42-3

New Jersey Right to Know Components

Poly(ethyl methacrylate) CAS No. 9003-42-3

California Prop. 65 Components

This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

Section 16: Other Information

Disclaimer: The information above is believed to be accurate and represents the best information currently available to us. SMS, Inc. makes no warranty, express or implied, as to its accuracy, and we assume no liability resulting from its use. Users should make their own investigations to determine the suitability of the information for their particular purposes. We shall not be liable for any damages to person or property resulting from its use.