



# Tim-Bor<sup>®</sup> Professional Safety Data Sheet

Issue Date: 26-Apr-2022

Revision Date: 09-May-2022

Version 1

## 1. IDENTIFICATION

### Product identifier

**Product Name** Tim-Bor Professional

### Other means of identification

**SDS #** NIS-048

**Registration Number(s)** EPA Reg. No. 64405-8

### Recommended use of the chemical and restrictions on use

**Recommended Use** Termiticide, Insecticide, and Fungicide Concentrate Powder. Read and understand the entire label before using. Use only according to label directions. It is a violation of Federal law to use this product in a manner inconsistent to label directions.

### Details of the supplier of the safety data sheet

#### **Manufacturer Address**

Nisus Corporation  
100 Nisus Drive  
Rockford, TN 37853

#### Emergency telephone number

**Company Phone Number** Phone: (800)-264-0870  
Fax: (865) 577-5825  
**Emergency Telephone** INFOTRAC 1-352-323-3500 (International)  
1-800-535-5053 (North America)

## 2. HAZARDS IDENTIFICATION

**Emergency Overview** This chemical is a product registered by the Environmental Protection Agency and is subject to certain labeling requirements under federal law. These requirements differ from the classification criteria and hazard information required for safety data sheets, and for workplace labels of non-EPA registered chemicals. Please see Section 15 for additional EPA information.

**Appearance** White crystalline solid

**Physical state** Solid

**Odor** Odorless

### Classification

Reproductive toxicity

Category 1B

### Signal Word

Danger

### Hazard statements

May damage fertility or the unborn child

**Precautionary Statements - Prevention**

Obtain special instructions before use  
 Do not handle until all safety precautions have been read and understood  
 Wear protective gloves/protective clothing/eye protection/face protection

**Precautionary Statements - Response**

If exposed or concerned: Get medical advice/attention

**Precautionary Statements - Storage**

Store locked up

**Precautionary Statements - Disposal**

Dispose of contents/container to an approved waste disposal plant

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

| Chemical name    | CAS No     | Weight-% |
|------------------|------------|----------|
| Inorganic Borate | 12280-03-4 | >99      |

\*\*If Chemical Name/CAS No is "proprietary" and/or Weight-% is listed as a range, the specific chemical identity and/or percentage of composition has been withheld as a trade secret.\*\*

### 4. FIRST AID MEASURES

**Description of first aid measures**

|                       |  |
|-----------------------|--|
| <b>General Advice</b> | Provide this SDS to medical personnel for treatment.   |
| <b>Eye Contact</b>    | Rinse thoroughly with plenty of water for at least 15 minutes, lifting lower and upper eyelids. Consult a physician. |
| <b>Skin Contact</b>   | Wash off immediately with plenty of water for at least 15 minutes.   |
| <b>Inhalation</b>     | Remove to fresh air.   |
| <b>Ingestion</b>      | Clean mouth with water and drink afterwards plenty of water.   |

**Most important symptoms and effects, both acute and delayed**

|                 |                              |
|-----------------|------------------------------|
| <b>Symptoms</b> | May be harmful if swallowed. |
|-----------------|------------------------------|

**Indication of any immediate medical attention and special treatment needed**

|                           |                        |
|---------------------------|------------------------|
| <b>Notes to Physician</b> | Treat symptomatically. |
|---------------------------|------------------------|

## 5. FIRE-FIGHTING MEASURES

### Suitable Extinguishing Media

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

**Unsuitable Extinguishing Media** Not determined.

### Specific Hazards Arising from the Chemical

Product is not flammable.

### Protective equipment and precautions for firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

## 6. ACCIDENTAL RELEASE MEASURES

### Personal precautions, protective equipment and emergency procedures

**Personal Precautions** Use personal protective equipment as required.

### Environmental precautions

**Environmental precautions** See Section 12 for additional Ecological Information.

### Methods and material for containment and cleaning up

**Methods for Containment** Prevent further leakage or spillage if safe to do so.

**Methods for Clean-Up** Contain and collect with an inert absorbent and place into an appropriate container for disposal.

## 7. HANDLING AND STORAGE

### Precautions for safe handling

**Advice on Safe Handling** Handle in accordance with good industrial hygiene and safety practice. Avoid contact with skin, eyes or clothing. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Wear protective gloves/protective clothing and eye/face protection. Keep containers closed when not in use. Refer product label for additional information on use and handling. This product may be sold in refillable containers. For a refillable container; refill this only with Tim-Bor. Do not reuse this container for any other purpose. Cleaning the container before refilling is the responsibility of the refiller, cleaning before final disposal is the responsibility of the person disposing of the container. To clean the container before final disposal, empty the remaining contents from this container into application equipment or mix tank. Product residues in empty containers can be hazardous. Follow all SDS precautions when handling empty containers.

### Conditions for safe storage, including any incompatibilities

**Storage Conditions** Keep containers tightly closed in a dry, cool and well-ventilated place.

**Incompatible Materials** Strong reducing agents. Strong oxidizing agents.

**8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

**Exposure Guidelines**

| Chemical name                  | ACGIH TLV   | OSHA PEL | NIOSH IDLH |
|--------------------------------|---|----------|------------|
| Inorganic Borate<br>12280-03-4 | STEL: 6 mg/m <sup>3</sup> inhalable particulate matter<br>TWA: 2 mg/m <sup>3</sup> inhalable particulate matter | -        | -          |

**Appropriate engineering controls**

**Engineering Controls** Apply technical measures to comply with the occupational exposure limits.

**Individual protection measures, such as personal protective equipment**

- Eye/Face Protection** Wear safety glasses with side shields (or goggles). Refer to 29 CFR 1910.133 for eye and face protection regulations.
- Skin and Body Protection** Use water-proof gloves for normal application of this product. Refer to 29 CFR 1910.138 for appropriate skin and body protection.
- Respiratory Protection** In operations where exposure levels are exceeded, a NIOSH approved respirator with dust/mist cartridges appropriate for the form and concentration of the contaminants should be used. Refer to 29 CFR 1910.134 for respiratory protection requirements.

**General Hygiene Considerations** Handle in accordance with good industrial hygiene and safety practice.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

**Information on basic physical and chemical properties**

|   |   |                         |                |
|---|---|-------------------------|----------------|
| <b>Physical state</b>                         | Solid                                     | <b>Odor</b>             | Odorless       |
| <b>Appearance</b>                             | White crystalline solid                   | <b>Odor Threshold</b>   | Not determined |
| <b>Color</b>                                  | White                                     |                         |                |
| <b>Property</b>                               | <b>Values</b>                             | <b>Remarks • Method</b> |                |
| <b>pH</b>                                     | 8.3 (3.0% solution)<br>7.6 (10% solution) |                         |                |
| <b>Melting point / freezing point</b>         | Not determined                            |                         |                |
| <b>Boiling point / boiling range</b>          | Not determined                            |                         |                |
| <b>Flash point</b>                            | Not determined                            |                         |                |
| <b>Evaporation Rate</b>                       | Not determined                            |                         |                |
| <b>Flammability (Solid, Gas)</b>              | Not determined                            |                         |                |
| <b>Flammability Limit in Air</b>              |   |                         |                |
| <b>Upper flammability or explosive limits</b> | Not determined                            |                         |                |
| <b>Lower flammability or explosive limits</b> | Not determined                            |                         |                |
| <b>Vapor Pressure</b>                         | Not determined                            |                         |                |
| <b>Vapor Density</b>                          | Not determined                            |                         |                |
| <b>Relative Density</b>                       | Not determined                            |                         |                |
| <b>Water Solubility</b>                       | Soluble in water                          |                         |                |
| <b>Solubility in other solvents</b>           | Not determined                            |                         |                |
| <b>Partition Coefficient</b>                  | Not determined                            |                         |                |
| <b>Autoignition temperature</b>               | Not determined                            |                         |                |
| <b>Decomposition temperature</b>              | Not determined                            |                         |                |
| <b>Kinematic viscosity</b>                    | Not determined                            |                         |                |
| <b>Dynamic Viscosity</b>                      | Not determined                            |                         |                |
| <b>Explosive Properties</b>                   | Not determined                            |                         |                |
| <b>Oxidizing Properties</b>                   | Not determined                            |                         |                |

## 10. STABILITY AND REACTIVITY

### Reactivity

Not reactive under normal conditions.

### Chemical stability

Stable under recommended storage conditions.

### Possibility of hazardous reactions

Reaction with strong reducing agents such as metal hydrides or alkali metals will generate hydrogen gas which could create an explosive hazard.

### Conditions to Avoid

Keep out of reach of children.

### Incompatible materials

Strong reducing agents. Strong oxidizing agents.

### Hazardous decomposition products

None known based on information supplied.

## 11. TOXICOLOGICAL INFORMATION

### Information on likely routes of exposure

#### Product Information

|                     |                              |
|---------------------|------------------------------|
| <b>Eye Contact</b>  | Avoid contact with eyes.     |
| <b>Skin Contact</b> | Avoid contact with skin.     |
| <b>Inhalation</b>   | Do not inhale.               |
| <b>Ingestion</b>    | May be harmful if swallowed. |

### Component Information

| Chemical name                  | Oral LD50            | Dermal LD50 | Inhalation LC50 |
|--------------------------------|----------------------|-------------|-----------------|
| Inorganic Borate<br>12280-03-4 | = 2500 mg/kg ( Rat ) | -           | -               |

### Symptoms related to the physical, chemical and toxicological characteristics

|                 |  |
|-----------------|--|
| <b>Symptoms</b> | Please see section 4 of this SDS for symptoms. |
|-----------------|--|

### Delayed and immediate effects as well as chronic effects from short and long-term exposure

|                              |  |
|------------------------------|--|
| <b>Carcinogenicity</b>       | Based on the information provided, this product does not contain any carcinogens or potential carcinogens as listed by OSHA, IARC or NTP.  |
| <b>Reproductive toxicity</b> | Sodium Borate: Sodium borate and boric acid interfere with sperm production, damage the testes and interfere with male fertility when given to animals by mouth at high doses. Boric acid produces developmental effects, including reduced body weight, malformations and death, in the offspring of pregnant animals given boric acid by mouth.<br>The above mentioned animal studies were conducted under exposure conditions leading to doses many times in excess of those that could occur through product use or inhalation of dust in occupational settings. Moreover, a human study of occupational exposure to sodium borate and boric acid dusts showed no adverse effect on fertility. |

**Numerical measures of toxicity**

The following values are calculated based on chapter 3.1 of the GHS document

Oral LD50 2,500.00 mg/kg

## 12. ECOLOGICAL INFORMATION

**Ecotoxicity**

The product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.

**Component Information**

Not available

**Persistence/Degradability**

Not determined.

**Bioaccumulation**

There is no data for this product.

**Mobility**

Not determined

**Other Adverse Effects**

Not determined

## 13. DISPOSAL CONSIDERATIONS

**Waste Treatment Methods****Disposal of Wastes**

Disposal should be in accordance with applicable regional, national and local laws and regulations.

**Contaminated Packaging**

Disposal should be in accordance with applicable regional, national and local laws and regulations.

## 14. TRANSPORT INFORMATION

**Note**

Please see current shipping paper for most up to date shipping information, including exemptions and special circumstances.

**DOT**

Not regulated

**IATA**

Not regulated

**IMDG**

Not regulated

## 15. REGULATORY INFORMATION

**International Inventories**

| Chemical name    | TSCA | TSCA Inventory Status | DSL/NDSL | EINECS/ELI NCS | ENCS | IECSC | KECL | PICCS | AICS |
|------------------|------|-----------------------|----------|----------------|------|-------|------|-------|------|
| Inorganic Borate | X    |                       |          |                |      | X     |      | X     |      |

**Legend:**

**TSCA** - United States Toxic Substances Control Act Section 8(b) Inventory

**DSL/NDSL** - Canadian Domestic Substances List/Non-Domestic Substances List

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**EINECS/ELINCS** - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances

**ENCS** - Japan Existing and New Chemical Substances

**IECSC** - China Inventory of Existing Chemical Substances

**KECL** - Korean Existing and Evaluated Chemical Substances

**PICCS** - Philippines Inventory of Chemicals and Chemical Substances

**AICS** - Australian Inventory of Chemical Substances

## **US Federal Regulations**

### **CERCLA**

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355).

### **SARA 313**

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

### **CWA (Clean Water Act)**

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

## **US State Regulations**

### **California Proposition 65**

This product does not contain any Proposition 65 chemicals.

## **U.S. State Right-to-Know Regulations**

| Chemical name                  | New Jersey | Massachusetts | Pennsylvania |
|--------------------------------|------------|---------------|--------------|
| Inorganic Borate<br>12280-03-4 | X          |               |              |

**EPA Pesticide Registration Number** EPA Reg. No. 64405-8

### **EPA Statement**

This chemical is a pesticide product registered by the Environmental Protection Agency and is subject to certain labeling requirements under federal pesticide law. These requirements differ from the classification criteria and hazard information required for safety data sheets, and for workplace labels of non-pesticide chemicals. Following is the hazard information as required on the pesticide label:

#### **EPA Pesticide Label**

Please refer to EPA label for additional information

#### **Difference between SDS and EPA pesticide label**

Please refer to EPA label for additional information

|                              |
|------------------------------|
| <b>16. OTHER INFORMATION</b> |
|------------------------------|

|                    |                       |                     |                         |                            |
|--------------------|-----------------------|---------------------|-------------------------|----------------------------|
| <b><u>NFPA</u></b> | <b>Health Hazards</b> | <b>Flammability</b> | <b>Instability</b>      | <b>Special Hazards</b>     |
|                    | 0                     | 0                   | 0                       | Not determined             |
| <b><u>HMIS</u></b> | <b>Health Hazards</b> | <b>Flammability</b> | <b>Physical hazards</b> | <b>Personal Protection</b> |
|                    | 1                     | 0                   | 0                       | Not determined             |

**Issue Date:** 26-Apr-2022  
**Revision Date:** 09-May-2022  
**Revision Note:** New format

**Disclaimer**

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**NISUS**<sup>®</sup>  
CORPORATION

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