



SAFETY DATA SHEET - BONSAI CLEANER AND DEGREASER

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**1 . IDENTIFICATION**

**Product Identifier:** BONSAI CLEANER AND DEGREASER

**Other Means of Identification:** None

**Recommended Use:** All proper and legal purposes

**Recommended restrictions:** None known

**Manufacturer/Importer/Supplier/Distributor information**

**Manufacturer**

**Company name** SIMIX Solutions LLC  
**Address** 9180 Prairie Village Drive  
Kenosha, WI 53142 USA  
**Website** simixusa.com  
**Telephone** 262-705-2585  
**Email** jeff@simixusa.com  
**Emergency number** 262-705-2585

**2 . HAZARDS IDENTIFICATION**

**Classification of the substance or mixture**

**OSHA HCS 2012** No impacts when used in accordance with instructions

**Hazard statements** No impacts when used in accordance with instructions

**Precautionary statements** P103 Read label before use.

**Response** No impacts when used in accordance with instructions

**Storage/Disposal** P501 Dispose of contents/container in accordance with local/  
regional/national/international regulation

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**Canada**

**Classification of the substance or mixture**

**WHMIS** In Canada, the product mentioned is not considered hazardous under the Workplace Hazardous Materials Information System (WHMIS).



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### 3. COMPOSITION / INFORMATION ON INGREDIENTS

**Substances** Material does not meet the criteria of a substance.

**Mixtures**

Chemical name	Identifiers	% weight	LD50/LC50	Comments
Sodium carbonate	CAS 497-19-8	10-40%	Inhalation, rat: 2.3mg/l; Oral, rat: LD50 = 4090 mg/kg	NDA
Sodium metasilicate (anhydrous)	CAS 6834-92-0	10-40%	Oral, rat: LD50 = 1152-1349 mg/kg bw Inhalation LC50 (rat) >2.06g/m <sup>3</sup> Dermal LD50 (rat)>5000mg/kg bw	NDA
Sodium percarbonate	CAS 15630-89-4	10-40%	Oral, mouse: LD50 = 2200 mg/kg	NDA
Titanium dioxide	CAS 13463-67-7	<.001%	Oral, rat: LD50 > 10 g/kg	NDA

**Concentrations shown as a range to protect confidentiality or due to batch variation.**

### 4. FIRST-AID MEASURES

**Description of first-aid measures**

**Eye** In case of eye contact with undiluted powder, rinse with water.

**Ingestion** If undiluted powder is swallowed, give a glass of water.

### 5 . FIRE FIGHTING MEASURES

**Special hazards arising from the substance or mixture**

**Unusual Fire and Explosion Hazards**

This material will not burn.

**Hazardous Combustion Products:** None known.



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## 6 . ACCIDENTAL RELEASE MEASURES

### Methods and Materials for Containment, Clean Up of Spill:

Use a broom and dust pan to scoop up powder. Throw in trash can.

## 7. HANDLING AND STORAGE

No special precautions needed. Keep container closed when not in use.

## 8 . EXPOSURE CONTROLS/PERSONAL PROTECTION

### Eye Protection

Distribution, Workplace and Household Settings: No protective equipment required

### Hand Protection

Distribution, Workplace and Household Settings: No protective equipment required

### Skin and Body Protection

Distribution, Workplace and Household Settings: No protective equipment required

### Respiratory Protection

Distribution, Workplace and Household Settings: No protective equipment required

## 9 . PHYSICAL AND CHEMICAL PROPERTIES

**Physical form:** Powder

**Appearance/Description:** White powder

**Colour:** White

**Odor:** Not determined

**Odor threshold:** Not determined

**Taste:** Not relevant

**Particulate size:** Not determined

**Aerosol type:** Not relevant

### General properties:

**Initial Boiling Point/Boiling Range:** Not determined

**Melting point/Melting range:** Not determined

**Decomposition temperature:** Data lacking



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**Heat of decomposition:** Data lacking  
**pH-Value (1 g/l) :** 12- 13  
**Specific gravity:** Data lacking  
**Relative density:** Data lacking  
**Density:** Not determined  
**Bulk density:** Not determined  
**Water solubility:** Soluble  
**Solvent solubility:** Data lacking  
**Viscosity:** Not relevant  
**Explosive properties:** Classification criteria not met  
**Oxidizing properties:** Classification criteria not met

**Volatility**

**Vapour Pressure:** Not applicable  
**Vapor density:** Not applicable  
**Evaporation Rate:** Not applicable  
**VOC:** Not applicable  
**Volatiles:** Data lacking

**Flammability**

**Flash Point:** Not applicable  
**UEL:** Not applicable  
**LEL:** Not applicable  
**Self-Accelerating Decomposition Temperature (SADT):** Data lacking  
**Heat of Combustion ( $\Delta H_c$ ):** Not applicable  
**Burning Time:** Not applicable  
**Flame Duration:** Not applicable  
**Flame height:** Not applicable  
**Flame extension:** Not applicable  
**Ignition distance:** Not applicable

**Environmental**

**Half-Life:** Data lacking  
**Octanol/Water Partition:** Data lacking  
**Coefficient of water/oil distribution:** Data lacking  
**Bioaccumulation Factor:** Data lacking  
**Bioconcentration Factor:** Data lacking  
**Biochemical Oxygen Demand:** Data lacking  
**Chemical Oxygen Demand:** Data lacking  
**Persistence:** Data lacking

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**Degradation:** Data lacking

**10 . STABILITY AND REACTIVITY**

**Reactivity**

No dangerous reaction known under conditions of normal use.

**Chemical stability**

Stable at ambient temperature and under normal conditions of use.

**Possibility of hazardous reactions**

Hazardous polymerisation will not occur.

**Incompatible materials**

No known incompatible materials

**Hazardous decomposition products**

No hazardous decomposition products known.

**11 . TOXICOLOGICAL INFORMATION**

**Information on toxicological effects**

<b>GHS Properties</b>	<b>Classification</b>
Acute toxicity	No data available
Aspiration hazard	No data available
Carcinogenicity	No data available
Germ Cell Mutagenicity	No data available
Respiratory sensitization	No data available
Serious eye damage/Irritation	No data available
Skin corrosion/Irritation	Does not irritate skin.
Skin sensitization	Does not irritate skin.
STOT-SE	No data available
STOT-RE	No data available.
Toxicity for Reproduction	No data available



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**Route(s) of entry/exposure** Inhalation, Skin, Eye, Ingestion  
**Potential Health Effects**

**Inhalation**

**Acute (Immediate)** No evidence of long-term impacts.  
**Chronic (Delayed)** No evidence of long-term impacts.

**Skin**

**Acute (Immediate)** No evidence of short-term skin irritation.  
**Chronic (Delayed)** No evidence of long-term skin irritation.

**Eye**

**Acute (Immediate)** No evidence of short-term eye irritation.  
**Chronic (Delayed)** No data available.

**Ingestion**

**Acute (Immediate)** No data available  
**Chronic (Delayed)** No data available.

**12 . ECOLOGICAL INFORMATION**

<b>Toxicity</b>	Material data lacking.
<b>Persistence and degradability</b>	Material data lacking.
<b>Bioaccumulative potential</b>	Material data lacking.
<b>Mobility in Soil</b>	Material data lacking.
<b>Other adverse effects</b>	No studies have been found.
<b>Other Information</b>	No data is available on the adverse effects of this material on the environment.

**13 . DISPOSAL CONSIDERATIONS**

**Waste treatment methods**

**Product waste** Dispose of content and/or container in accordance with local, regional, national, and/or international regulations.

**Packaging waste** Dispose of content and/or container in accordance with local, regional, national, and/or international regulations.



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**14 . TRANSPORT INFORMATION**

	14.1 UN Number	14.2 UN Proper Shipping Name	14.3 Transport hazard class(es)	14.4 Packing group	14.5 Environmental hazards
DOT	Not regulated	Not regulated	Not regulated	Not regulated	NDA
TDG	Not regulated	Not regulated	Not regulated	Not regulated	NDA
IMO/IMDG	Not regulated	Not regulated	Not regulated	Not regulated	NDA
IATA/ICAO	Not regulated	Not regulated	Not regulated	Not regulated	NDA

**Special precautions for user**  
**Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code**

None specified.  
None specified.

**15 . REGULATORY INFORMATION**

**Safety, health and environmental regulations/legislation specific for the substance or mixture**

**State Right To Know**

Component	CAS	MA	NJ	PA	CA
Sodium carbonate	497-19-8	No	No	No	No
Sodium metasilicate (anhydrous)	6834-92-0	No	No	No	No
Sodium percarbonate	15630-89-4	No	No	No	No
Titanium dioxide (TiO2)	13463-67-7	No	Yes	Yes	Yes

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Component	CAS	Canada DSL	Canada NDSL	TSCA
Sodium carbonate	497-19-8	No	No	No
Sodium metasilicate (anhydrous)	6834-92-0	No	No	No
Sodium percarbonate	15630-89-4	No	No	No
Carbonic acid, monosodium salt	144-55-8	Yes	No	No
Alcohols, C10-14, ethoxylated	66455-15-0	Yes	No	No
Silicic acid, sodium salt	1344-09-8	Yes	No	No
Titanium dioxide (TiO <sub>2</sub> )	13463-67-7	Yes	No	No

**Relevant information about individual substance inventories, where available, is given below.**

South Korea (Republic of Korea) ECL (Existing Chemicals List):

This product is listed in, or complies with, the substance inventory.

Japan ENCS (Handbook of Existing and New Chemical Substances):

This product is listed in, or complies with, the substance inventory.

Australia AICS (Australian Inventory of Chemical Substances):

This product is listed in, or complies with, the substance inventory.

People's Republic of China ECSC (Inventory of Existing Chemical Substances in China):

This product is listed in, or complies with, the substance inventory.

Canada DSL (Domestic Substance List):

This product is listed in, or complies with, the substance inventory.

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Philippines PICCS (Philippine Inventory of Chemicals and Chemical Substances):

This product is listed in, or complies with, the substance inventory.

USA TSCA (Toxic Substance Control Act Chemical Substance Inventory):

This product is listed in, or complies with, the substance inventory.

European Economic Area (EEA) REACH (Regulation (EC))

General note: the registration obligations for substances imported into the EEA or manufactured within the EEA by the supplier mentioned in section 1 are fulfilled by the said supplier. The registration obligations for substances imported into the EEA by customers or other downstream users must be fulfilled by the latter.

## 16. OTHER INFORMATION

The information contained herein is believed to be accurate but is not warranted to be so. Data and calculations are based on information furnished by the manufacturer of the product and manufacturers of the components of the product. Users are advised to confirm in advance of need that information is current, applicable and suited to the circumstance of use. Vendor assumes no responsibility for injury to vendee or third persons proximately caused by the material if reasonable safety procedures are not adhered to as stipulated in the data sheet. Furthermore, vendor assumes no responsibility for injury caused by abnormal use of this material even if reasonable safety procedures are followed. Any questions regarding this product should be directed to the manufacturer of the product as described in Section 1.