



TOP SOIL

SAFETY DATA SHEET

OSHA HCS (29 CFR 1910.1200)

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

Product identifier
 Chemical Name: Top Soil
 CAS No.: None
 Trade Name(s): None

Relevant identified uses of the substance or mixture and uses advised against
 Identified Use(s): Gardening / Landscaping
 Uses Advised Against: None

Details of the supplier of the safety data sheet
 Company Identification: Thelen Sand & Gravel, Inc.
 28955 W. Route 173
 Antioch, IL 60002
 Telephone: (847) 395-3313

Emergency telephone number
 Emergency Phone No.: Not classified as dangerous for supply/use. Please contact the supplier above during normal business hours.

SECTION 2: HAZARDS IDENTIFICATION

Classification of the substance or mixture
 OSHA HCS (29 CFR 1910.1200) / GHS Classification: Not classified as dangerous for supply/use.

Label elements
 Hazard Symbol: None
 Signal Word(s): None
 Hazard Statement(s): None
 Precautionary Statement(s): None

Other hazards: None
Additional Information: None

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Composition/information on ingredients	% wt.	CAS No.
Compost / Sand Mixture*	100	None

* Not expected to contain significant concentrations of inhalable-sized crystalline silica.

Other Substances in the product which may present a health or environmental hazard, or which have been assigned occupational exposure limits, are detailed below.: None

Additional Information - None

SECTION 4: FIRST AID MEASURES





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Description of first aid measures

Inhalation	Not normally required.
Skin Contact	Gently wash with plenty of soap and water. If irritation (redness, rash, blistering) develops, get medical attention.
Eye Contact	Flush eyes with water for at least 15 minutes while holding eyelids open. Remove contact lenses, if present and easy to do. Continue rinsing. If irritation develops and persists, get medical attention.
Ingestion	Not normally required.
Most important symptoms and effects, both acute and delayed	None known
Indication of any immediate medical attention and special treatment needed	None known

SECTION 5: FIRE-FIGHTING MEASURES

Extinguishing Media

-Suitable Extinguishing Media	Extinguish with carbon dioxide, dry chemical, foam or water spray.
-Unsuitable Extinguishing Media	None anticipated.

Special hazards arising from the substance or mixture

Combustion causes toxic fumes. Combustion products: Carbon monoxide, Carbon dioxide, natural turpenes

Advice for fire-fighters

A self contained breathing apparatus and suitable protective clothing should be worn in fire conditions.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures	Not normally required.
Environmental precautions	Not normally required.
Methods and material for containment and cleaning up	Not normally required.
Reference to other sections	None
Additional Information	None.

SECTION 7: HANDLING AND STORAGE

Precautions for safe handling	Not normally required.
Conditions for safe storage, including any incompatibilities	
-Storage temperature	Ambient temperatures. Follow normal precautions for bulk storage of combustible materials.
-Incompatible materials	Strong oxidizing agents.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION




Control parameters

Occupational Exposure Limits:

SUBSTANCE.	CAS No.	(8hr TWA)		(STEL)		Note:
		PEL (OSHA)	TLV (ACGIH)	PEL (OSHA)	TLV (ACGIH)	
None	-----	-----	-----	-----	-----	-----



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Recommended monitoring method	None
Exposure controls	
Appropriate engineering controls	Not normally required.
Personal protection equipment	
Eye/face protection	Not normally required.
	
Skin protection (Hand protection/ Other)	Not normally required.
	
Respiratory protection	Not normally required.
	
Thermal hazards	Not normally required.
Environmental Exposure Controls	Not normally required.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Appearance	Solid
Color.	Dark brown / black
Odor	Varies
Odor Threshold (ppm)	Not available.
pH (Value)	Not available.
Melting Point (°C) / Freezing Point (°C)	Not available.
Boiling point/boiling range (°C):	Not applicable.
Flash Point (°C)	Not applicable.
Evaporation Rate	Not available.
Flammability (solid, gas)	Not applicable.
Explosive Limit Ranges	Not applicable.
Vapor pressure (Pascal)	Not determined.
Vapor Density (Air=1)	Not determined.
Density (g/ml)	Varies
Solubility (Water)	Negligible
Solubility (Other)	Not known
Partition Coefficient (n-Octanol/water)	Not available.
Auto Ignition Point (°C)	Not available.
Decomposition Temperature (°C)	Not available.
Kinematic Viscosity (cSt) @ 40°C	Not available
Explosive properties	Not explosive.
Oxidizing properties	Not oxidizing.
Other information	Not available.

SECTION 10: STABILITY AND REACTIVITY

Reactivity	Stable under normal conditions.
Chemical stability	Stable.
Possibility of hazardous reactions	May react violently with: Strong oxidizing agents



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Conditions to avoid
Incompatible materials
Hazardous decomposition product(s)

Incompatible materials
Oxidizers
Combustion causes toxic fumes. Combustion products: Carbon monoxide, Carbon dioxide, and natural terpenes.

SECTION 11: TOXICOLOGICAL INFORMATION

Exposure routes: Skin Contact, Eye Contact

Information on toxicological effects

Acute toxicity Not acutely toxic.
Irritation/Corrosivity Not to be expected.
Sensitization Not to be expected.
Repeated dose toxicity Not to be expected.
Carcinogenicity * Not to be expected under normal conditions of handling / use.

NTP	IARC	ACGIH	OSHA
No.	No.	No.	No.

* Not expected to contain significant concentrations of inhalable-sized crystalline silica.

Mutagenicity Not to be expected.
Reproductive toxicity Not to be expected.

SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity

Short term Not hazardous for the environment.
Long Term Not hazardous for the environment.

Persistence and degradability

The product is biodegradable.
The product has no potential for bioaccumulation.

Bioaccumulative potential

The product has low mobility in soil.

Mobility in soil

Results of PBT and vPvB assessment

Not classified as PBT or vPvB.

Other adverse effects

None known.

SECTION 13: DISPOSAL CONSIDERATIONS

Waste treatment methods

Disposal should be in accordance with local, state or national legislation. Consult an accredited waste disposal contractor or the local authority for advice.

Additional Information

None known.

SECTION 14: TRANSPORT INFORMATION

Ground or Water Domestic Voyage (DOT):

Not regulated.

SECTION 15: REGULATORY INFORMATION

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

TSCA (Toxic Substance Control Act) - Inventory Status: All components listed or polymer exempt.

RCRA Hazardous Waste Number (40 CFR 261.33): None

US RCRA Hazard Class: Not applicable.

Designated Hazardous Substances and Reportable Quantities (40 CFR 302.4):

Chemical Name	CAS No.	Typical %wt.	RQ (Pounds)
None	----	----	----



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SARA 311/312 - Hazard Categories: None

Fire Sudden Release Reactivity Immediate (acute) Chronic (delayed)

SARA 313 - Toxic Chemicals (40 CFR 372):

Chemical Name	CAS No.	Typical %wt.
None	-----	-----

SARA 302 - Extremely Hazardous Substances(40 CFR 355):

Chemical Name	CAS No.	Typical %wt.	TPQ (pounds)
None	-----	-----	-----

SECTION 16: OTHER INFORMATION

Additional Information

The following sections contain revisions or new statements: 1-16.

Information contained in this publication or as otherwise supplied to Users is believed to be accurate and is given in good faith, but it is for the Users to satisfy themselves of the suitability of the product for their own particular purpose. The manufacturer gives no warranty as to the fitness of the product for any particular purpose and any implied warranty or condition (statutory or otherwise) is excluded except to the extent that exclusion is prevented by law. The manufacturer accepts no liability for loss or damage (other than that arising from death or personal injury caused by defective product, if proved), resulting from reliance on this information. Freedom under Patents, Copyright and Designs cannot be assumed.