

# Safety Data Sheet

## GENESIS I

### Section 1 Identification

**Trade Name:** GENESIS I  
**Product Identification:** 6489  
**Synonyms:** Water-based polymer emulsion  
**Product Use Description:**  
Floor sealer

**General Info Phone:** (434) 296-3937  
**Emergency Phone:** (800) 535-5053

**Supplier:**  
**SELECT SPECIALTY PRODUCTS**  
1575 AVON STREET EXTENDED  
SUITE 104  
CHARLOTTESVILLE, VA 22901

### Section 2 Hazards Identification

#### Classifications

Toxic to reproduction - Category 1B  
Specific Target Organ Toxicity (repeated exposure) - Category 2



Health Hazard

**Signal Word:** Danger

#### Hazard Statements

Keep out of reach of children.  
Read label and SDS before use.  
May damage the unborn child. Suspected of damaging fertility.  
May cause damage to kidneys and liver through prolonged or repeated exposure if swallowed.

#### Precautionary Statements

##### Prevention

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

##### Response

If exposed or concerned: Get medical attention.  
IF SWALLOWED: Immediately call a poison center.  
IF ON SKIN: Wash with plenty of soap and water.  
If skin irritation or rash occurs get medical attention.  
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do.  
Continue rinsing.  
If eye irritation persists: Get medical attention.

##### Storage

Store locked up.

##### Disposal

Dispose of contents and container in accordance with all local, regional, and national regulations.

##### Hazards Not Otherwise Specified

Not applicable

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### Section 3 Composition

<u>Chemical Name</u>	<u>CAS #</u>	<u>Concentration % by Weight</u>
Diethylene Glycol Butyl Ether	112-34-5	>=5 <= 10
Ethylene Glycol	107-21-1	>=2 <= 3
Dibutyl Phthalate	84-74-2	>=1 <= 2

### Section 4 First Aid

#### EMERGENCY OVERVIEW

DANGER. May be harmful if swallowed. May irritate eyes and skin.

EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing. If eye irritation persists: Get medical attention.

SKIN: Wash with plenty of soap and water. If skin irritation occurs get medical attention. Take off contaminated clothing and wash it before reuse.

INHALATION: Remove person to fresh air and keep comfortable for breathing. Call a poison center or a doctor if you feel unwell.

INGESTION: May be harmful if swallowed. Seek medical attention immediately.

### Section 5 Fire Fighting Measures

#### Suitable fire extinguishing media:

Use water spray, fog or foam.

#### Specific hazards arising from the chemical:

Containers may build pressure and rupture.

#### Hazardous thermal decomposition products:

Carbon Dioxide, Carbon Monoxide

#### Specific fire-fighting methods:

Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training. Move containers from fire area if this can be done without risk. Use water spray to keep fire-exposed containers cool.

#### Special protective equipment for fire fighters:

Fire fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in a positive pressure mode.

### Section 6 Accidental Release Measures

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### Personal precautions:

Put on appropriate personal protective equipment (see section 8)

### Environmental precautions and clean-up methods:

Stop all leaks. Isolate hazard area. Keep unnecessary and unprotected personnel from entering. Prevent runoff from entering drains, sewers, streams or other bodies of water. Absorb spill with inert material. Absorb unrecoverable product. Transfer contaminated absorbent, soil and other materials to containers for disposal.

## Section 7 Handling and Storage

Do not use or store near heat, sparks or open flame. Store in a cool, dry place. Do not get in eyes, on skin or on clothing. Keep out of reach of children.

## Section 8 Exposure Controls/Personal Protection

### Dibutyl Phthalate

ACGIH TLV	5 mg/m <sup>3</sup>
OSHA PEL	5 mg/m <sup>3</sup>

### Diethylene Glycol Butyl Ether

ACGIH TLV	35 ppm
OSHA PEL	35 ppm

### Ethylene Glycol

ACGIH TLV	100 mg/m <sup>3</sup>
OSHA PEL	125 mg/m <sup>3</sup>

**Eye Protection:** Wear safety glasses or goggles.

**Skin Protection:** To prevent repeated or prolonged contact, wear impervious gloves (made from rubber, nitrile or neoprene).

**Respiratory Protection:** No special requirements are needed for this material.

**Engineering Controls:** Good general ventilation required.

## Section 9 Physical and Chemical Properties

Property	Value		
Appearance	EMULSION	Auto Ignition Temp	NOT AVAILABLE
Boiling Point	NOT AVAILABLE	Color	WHITE
Decomposition Temperature	NOT AVAILABLE	Evaporation Rate	NOT AVAILABLE
Explosive Limit Ranges	NOT AVAILABLE	Explosive Properties	NOT AVAILABLE
Flash Point	NONE	Melting/Freezing Point	NOT AVAILABLE
Odor	ODORLESS	Odor Threshold	NOT AVAILABLE
Other Information	VOC content (wt. %): 2.2	Oxidizing Properties	NOT AVAILABLE
Partition Coeff	NOT AVAILABLE	Physical State	LIQUID
Relative Density	1.02	Solubility (Water)	COMPLETE
Vapor Density	NOT AVAILABLE	Vapor Pressure	NOT AVAILABLE
Viscosity	NOT AVAILABLE	pH	7-9

## Section 10 Stability and Reactivity

**Reactivity :** Under normal conditions of storage and use, hazardous reactions will not occur.

**Chemical Stability :** Stable under normal conditions.

**Incompatible Materials :** Acids and strong oxidizers

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**Conditions to Avoid :** High temperatures

**Decomposition Products:** CO, CO2

### Section 11 Toxicological Information

**Primary Route of Entry:** Skin contact

**Acute/Potential Health Effects:**

**EYES:** May cause eye irritation. Symptoms include stinging, tearing and redness.

**SKIN:** May cause skin irritation.

**INHALATION:** High vapor concentrations may be irritating to respiratory tract.

**INGESTION:** May cause headache, dizziness, incoordination, nausea, vomiting, diarrhea and general weakness.

**Chronic / Long Term Effects:** Overexposure to Ethylene Glycol has been suggested as a cause of the following effects in humans: kidney and liver damage.

**Target Organ Effects:** Kidney, liver

**Reproductive/Developmental Information:** Dibutyl phthalate is suspected of damaging fertility; may damage the unborn child.

**Carcinogenic Information:** This material is not listed as a carcinogen by IARC, NTP or OSHA.

### Section 12 Ecological Information

Not available

### Section 13 Disposal Considerations

Waste must be disposed of in accordance with federal, state and local environmental control regulations. See label for further instructions.

### Section 14 Transport Information

Not regulated

### Section 15 Regulatory Information

**CERCLA RQ (40 CFR 302)**

Dibutyl Phthalate	10 lbs
Ethylene Glycol	5000 lbs

**Section 313 of Title III of the Superfund Amendments and Reauthorization Act (SARA) of 1986 (40 CFR 372.65)**

Dibutyl Phthalate
Ethylene Glycol
Diethylene Glycol Butyl Ether

### Section 16 Other Information

**HMIS Ratings :**

# Safety Data Sheet

## *GENESIS I*

<b>HEALTH</b>	1
<b>FLAMMABILITY</b>	1
<b>REACTIVITY</b>	0
<b>PERSONAL PROTECTION</b>	B

Disclaimer: This Manufacturer believes that the information contained in the Safety Data Sheet is accurate. The suggested procedures are based on experience as of the date of the publication. They are not necessarily all inclusive nor fully adequate in every circumstance. Also, the suggestions should not be confused with, nor followed in violation of applicable laws, regulations, rules or insurance requirements.

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