

DynaCrete PTS+

SDS Preparation Date (mm/dd/yyyy): 03/06/2026

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## SAFETY DATA SHEET

### SECTION 1. IDENTIFICATION

Product identifier used on the label

: **DynaCrete PTS+**

Other means of identification : Not available

Recommended use of the chemical and restrictions on use

: Concrete treatment  
Restrictions on use Keep out of reach of children.

Chemical family : Mixture.

Name, address, and telephone number  
of the supplier:

**DynaCrete**

5653 Westport Road  
West Vancouver, BC, Canada  
V7W 1V3

Supplier's Telephone # : (800) 751 7746

24 Hr. Emergency Tel # : (855) 429 2661

Name, address, and telephone number of  
the manufacturer:

Refer to supplier

### SECTION 2. HAZARDS IDENTIFICATION

Classification of the chemical

This material is classified as hazardous under U.S. OSHA regulations (29CFR 1910.1200) and Canadian WHMIS regulations (Hazardous Products Regulations) .

Hazard classification:

Serious eye damage/eye irritation - Category 2A

Skin Irritation - Category 2

Label elements

Hazard pictogram(s)



Signal Word

Warning

Hazard statement(s)

Causes skin irritation.

Causes serious eye irritation.

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### Precautionary statement(s)

Wash hands thoroughly after handling.  
Wear protective gloves and eye, face protection.

IF ON SKIN: Wash with plenty of water.  
If skin irritation occurs: Get medical advice.  
Take off contaminated clothing and wash it before reuse.  
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 advice.

### Other hazards

None.

### SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Mixture

Chemical name	Common name and synonyms	CAS #	Concentration (% by weight)
Silanetriol, methyl-, potassium salt	Potassium methylsilanetriolate	31795-24-1	1.0 - 5.0
Methanol	Methyl alcohol	67-56-1	<0.01
D-Glucopyranose, oligomeric, decyl octyl glycosides	Decyl Glucoside	68515-73-1	<0.01
1-Decanol	Decanol	112-30-1	<0.01
1-Octanol	Octanol	111-87-5	<0.01

The exact concentrations of the above listed chemicals are being withheld as a trade secret.

### SECTION 4. FIRST-AID MEASURES

#### Description of first aid measures

- Ingestion* : Never give anything by mouth to an unconscious person. Do NOT induce vomiting. Have victim rinse mouth with water, then give one to two glasses of water to drink.
- Inhalation* : Move to fresh air. If breathing is difficult, give oxygen by qualified medical personnel only. If breathing has stopped, give artificial respiration.
- Skin contact* : Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower. Do not rub area of contact. Wash contaminated clothing before reuse. If skin irritation occurs: Get medical advice.
- Eye contact* : Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Protect unharmed eye. If eye irritation persists: Get medical advice.

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

- : Causes skin irritation. Symptoms may include redness, blistering, pain and swelling. Causes serious eye irritation. Symptoms may include redness, pain, tearing and conjunctivitis. Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.

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

- : Treat symptomatically.

### SECTION 5. FIRE-FIGHTING MEASURES

#### Extinguishing media

- Suitable extinguishing media* : Use media suitable to the surrounding fire such as water fog or fine spray, alcohol foams, carbon dioxide and dry chemical.

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### *Unsuitable extinguishing media*

- : Do not use a solid water stream as it may scatter and spread fire.

### **Special hazards arising from the substance or mixture / Conditions of flammability**

- : Not considered flammable. Closed containers may rupture if exposed to excess heat or flame due to a build-up of internal pressure.

### **Flammability classification (OSHA 29 CFR 1910.106)**

- : Not flammable.

### **Hazardous combustion products**

- : Sodium oxides.

### **Special protective equipment and precautions for firefighters**

#### *Protective equipment for fire-fighters*

- : Firefighters must use standard protective equipment including flame retardant coat, helmet with face shield, gloves, rubber boots, and in enclosed spaces, SCBA. Do not enter without wearing specialized protective equipment suitable for the situation. Firefighter's normal protective clothing (Bunker Gear) will not provide adequate protection. A full-body encapsulating chemical protective suit with positive pressure self-contained breathing apparatus (NIOSH approved or equivalent) may be necessary.

#### *Special fire-fighting procedures*

- : Move containers from fire area if safe to do so. Use water to cool fire-exposed containers. Prevent runoff from fire control or dilution from entering sewers, drains, drinking water supply or any natural waterway. Dike for water control.

## SECTION 6. ACCIDENTAL RELEASE MEASURES

### **Personal precautions, protective equipment and emergency procedures**

- : Restrict access to area until completion of clean-up. Ensure clean-up is conducted by trained personnel only. All persons dealing with clean-up should wear the appropriate protective equipment including self-contained breathing apparatus. Refer to Section 8, EXPOSURE CONTROLS AND PERSONAL PROTECTION, for additional information on acceptable personal protective equipment.

**Environmental precautions** : Ensure spilled product does not enter drains, sewers, waterways, or confined spaces. If necessary, dike well ahead of the spill to prevent runoff into drains, sewers, or any natural waterway or drinking supply.

### **Methods and material for containment and cleaning up**

- : Remove all sources of ignition. Ventilate area of release. Stop the spill at source if it is safe to do so. Dike for water control. Contain and absorb spilled liquid with non-combustible, inert absorbent material (e.g. sand), then place absorbent material into a container for later disposal (see Section 13). Notify the appropriate authorities as required.

### **Special spill response procedures**

- : If a spill/release in excess of the EPA reportable quantity is made into the environment, immediately notify the National Response Center in the United States (phone: 1-800-424-8802).  
US CERCLA Reportable quantity (RQ): None.

## SECTION 7. HANDLING AND STORAGE

### **Precautions for safe handling**

- : Wear protective gloves, clothing and eye, face protection. Use only in well-ventilated areas. Avoid breathing mist or vapours. Avoid contact with skin, eyes and clothing. Wash hands thoroughly after handling. Keep away from heat and flame. Keep away from incompatibles. Keep containers tightly closed when not in use. Keep only in original packaging.

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**Conditions for safe storage** : Store in a well-ventilated place. Keep container tightly closed. Store locked up. Keep away from incompatibles. Storage area should be clearly identified, clear of obstruction and accessible only to trained and authorized personnel. Inspect periodically for damage or leaks.

**Incompatible materials** : Strong oxidizers.

### SECTION 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

<u>Exposure Limits:</u>				
<u>Chemical Name</u>	<u>ACGIH TLV</u>		<u>OSHA PEL</u>	
	<u>TWA</u>	<u>STEL</u>	<u>PEL</u>	<u>STEL</u>
Silanetriol, methyl-, potassium salt	Not available	Not available	Not available	Not available
Methanol	200 ppm (skin)	250 ppm (skin)	200 ppm (260 mg/m <sup>3</sup> )	Not available
D-Glucopyranose, oligomeric, decyl octyl glycosides	Not available	Not available	Not available	Not available
1-Decanol	Not available	Not available	Not available	Not available
1-Octanol	Not available	Not available	Not available	Not available

#### Exposure controls

##### Ventilation and engineering measures

: Use only in well-ventilated areas. Use general or local exhaust ventilation to maintain air concentrations below recommended exposure limits.

##### Respiratory protection

: Respiratory protection is required if the concentrations exceed the TLV. NIOSH-approved respirators are recommended. A self contained breathing apparatus should be used in emergency situations or instances where exposure levels are not known. Seek advice from respiratory protection specialists. Respirators should be selected based on the form and concentration of contaminants in air, and in accordance with OSHA (29 CFR 1910.134) or CSA Z94.4-02.

##### Skin protection

: Wear protective gloves. Advice should be sought from glove suppliers.

##### Eye / face protection

: Chemical splash goggles must be worn when handling this material.

##### Other protective equipment

: An eyewash station and safety shower should be made available in the immediate working area. Other equipment may be required depending on workplace standards.

##### General hygiene considerations

: Do not breathe fumes or mists. Do not ingest. Avoid contact with skin, eyes and clothing. Do not eat, drink, smoke or use cosmetics while working with this product. Upon completion of work, wash hands before eating, drinking, smoking or use of toilet facilities. Remove soiled clothing and wash it thoroughly before reuse.

### SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

**Physical State** : Liquid  
**Colour** : Clear  
**Odour** : No odour.  
**Odour threshold** : Not applicable.  
**pH** : 10.5-11  
**Melting Point/Freezing point** : Not available.  
**Initial boiling point and boiling range**  
: 100°C

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**Flash point** : Not applicable.  
**Flashpoint (Method)** : Not applicable.  
**Evaporation rate (BuAe = 1)** : Not available.  
**Flammability** : Not applicable.  
**Lower explosion or flammability limit (% by vol.)**  
: Not applicable.  
**Upper explosion or flammability limit (% by vol.)**  
: Not applicable.  
**Oxidizing properties** : Not applicable  
**Explosive properties** : Not explosive  
**Vapour pressure** : Not available.  
**Relative vapour density** : Not available.  
**Relative density / Specific gravity**  
: 1.04  
**Solubility in water** : Soluble in all proportions.  
**Other solubility(ies)** : Not available.  
**Partition coefficient: n-octanol/water or Coefficient of water/oil distribution**  
: Not applicable.  
**Auto-ignition temperature** : Not applicable.  
**Decomposition temperature** : Not available.  
**Viscosity** : Not available.  
**Particle characteristics** : Not applicable.  
**Volatiles (% by weight)** : Not available.  
**Volatile organic Compounds (VOC's)**  
: Not applicable.  
**Absolute pressure of container**  
: Not applicable.  
**Flame projection length** : Not applicable.  
**Other physical/chemical comments**  
: Not applicable

### SECTION 10. STABILITY AND REACTIVITY

**Reactivity** : Not normally reactive.  
**Chemical stability** : Material is stable under normal conditions.  
**Possibility of hazardous reactions**  
: Hazardous polymerization does not occur.  
**Conditions to avoid** : Avoid heat and open flame. Keep away from incompatibles. Keep container tightly closed when not in use.  
**Incompatible materials** : Strong oxidizers.  
**Hazardous decomposition products**  
: Sodium oxides Carbon oxides.

### SECTION 11. TOXICOLOGICAL INFORMATION

#### Information on likely routes of exposure:

**Routes of entry inhalation** : YES  
**Routes of entry skin & eye** : YES  
**Routes of entry Ingestion** : YES

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**Routes of exposure skin absorption**

: NO

**Potential Health Effects:**

**Signs and symptoms of short-term (acute) exposure**

*Sign and symptoms Inhalation*

: Mild respiratory irritant

*Sign and symptoms ingestion*

Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.  
Contains methanol. Ingestion of large amounts of methanol may cause substantial visual effects, including irritation, blurred vision, and blindness.

*Sign and symptoms skin*

: Skin Irritation - Category 2 Causes skin irritation. Symptoms may include redness, blistering, pain and swelling.

*Sign and symptoms eyes*

: Serious eye damage/eye irritation - Category 2A Causes serious eye irritation.  
Symptoms may include redness, pain, tearing and conjunctivitis.

**Potential Chronic Health Effects**

: Chronic skin contact with low concentrations may cause dermatitis.

**Mutagenicity**

: Not expected to be mutagenic in humans.

**Carcinogenicity**

: No components are listed as carcinogens by ACGIH, IARC, OSHA or NTP.

**Reproductive effects & Teratogenicity**

: Not classifiable as a reproductive toxin. Contains Methanol. Methanol may cause fetotoxic and teratogenic effects at doses which are not maternally toxic, based on animal data.

**Sensitization to material**

: Not expected to be a skin or respiratory sensitizer.

**Specific target organ effects**

: This material is not classified as hazardous under U.S. OSHA regulations (29 CFR 1910.1200) and Canadian WHMIS regulations (Hazardous Products Regulations).

**Medical conditions aggravated by overexposure**

: Not available.

**Synergistic materials**

: Not available.

**Toxicological data**

: There is no data available for this product.

<u>Chemical name</u>	<u>LC<sub>50</sub>(4hr)</u> <u>inh, rat</u>	<u>LD<sub>50</sub></u>	
		<u>(Oral, rat)</u>	<u>(Rabbit, dermal)</u>
Silanetriol, methyl-, potassium salt	Not available	Not available	Not available
Methanol	> 5000 ppm/6H (4.1 mg/L/4H (vapour)	5628 mg/kg (rat) The estimated human lethal dose is: 300 - 1000 mg/kg	> 393 mg/kg (Monkey) 15 800 mg/kg (rabbit)
D-Glucopyranose, oligomeric, decyl octyl glycosides	Not available	>2000 mg/kg (ECHA)	Not available
1-Decanol	Not available	4720 mg/kg	Not available
1-Octanol	Not available	>3200 mg/kg	Not available

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### Other important toxicological hazards

: Not applicable

### SECTION 12. ECOLOGICAL INFORMATION

**Ecotoxicity** : Not expected to be harmful to aquatic organisms. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.

#### Ecotoxicity data:

<u>Ingredients</u>	CAS #	Toxicity to Fish		
		LC50 / 96h	NOEC / 21 day	M Factor
Silanetriol, methyl-, potassium salt	31795-24-1	>500mg/L	Not available	Not available
Methanol	67-56-1	15 400 mg/L (Bluegill sunfish)	446.7 mg/L/28-day (Fathead minnow) (QSAR)	None.
D-Glucopyranose, oligomeric, decyl octyl glycosides	68515-73-1	100.81mg/L (Zebra fish)	1.8mg/L (Zebra fish)	None.
1-Decanol	112-30-1	2.2 - 2.5 mg/L	Not available	Not available
1-Octanol	111-87-5	11.4 - 12.9	Not available	Not available

<u>Ingredients</u>	CAS #	Toxicity to Daphnia		
		EC50 / 48h	NOEC / 21 day	M Factor
Silanetriol, methyl-, potassium salt	31795-24-1	>500mg/L	Not available	Not available
Methanol	67-56-1	> 10 000 mg/L (Daphnia magna)	208 mg/L (QSAR)	None.
D-Glucopyranose, oligomeric, decyl octyl glycosides	68515-73-1	20mg/L Water flea	1mg/L Water flea	None.
1-Decanol	112-30-1	3 mg/L	Not available	Not available
1-Octanol	111-87-5	Not available	Not available	Not available

<u>Ingredients</u>	CAS #	Toxicity to Algae		
		EC50 / 96h or 72h	NOEC / 96h or 72h	M Factor
Silanetriol, methyl-, potassium salt	31795-24-1	>120mg/L	Not available	Not available
Methanol	67-56-1	22 000 mg/L/96hr (Green algae)	Not available	None.
D-Glucopyranose, oligomeric, decyl octyl glycosides	68515-73-1	27.22mg/L (Green algae)	10mg/L (Green algae)	None.
1-Decanol	112-30-1	Not available	Not available	Not available
1-Octanol	111-87-5	Not available	Not available	Not available

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**Persistence and degradability**

: No data is available on the product itself.

**Bioaccumulation potential**

: No data is available on the product itself.

<u>Components</u>	<u>Partition coefficient n-octanol/water (log Kow)</u>	<u>Bioconcentration factor (BCF)</u>
Methanol (CAS 67-56-1)	- 0.82 to - 0.64	< 10 (common carp)
D-Glucopyranose, oligomeric, decyl octyl glycosides (CAS 68515-73-1)	Not available	Not available
1-Decanol (CAS 112-30-1)	4.11	
1-Octanol (CAS 111-87-5)	3.15	

**Mobility in soil**

: No data is available on the product itself.

**Other Adverse Environmental effects**

: No data is available on the product itself.

### SECTION 13. DISPOSAL CONSIDERATIONS

**Handling for Disposal**

: Handle waste according to recommendations in Section 7.

**Methods of Disposal**

: Dispose in accordance with all applicable federal, state, provincial and local regulations.

**RCRA**

: Not applicable.





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### SECTION 14. TRANSPORT INFORMATION

Regulatory Information	UN Number	UN proper shipping name	Transport hazard class(es)	Packing Group	Label
TDG	None.	Not regulated.	not regulated	none	
<b>TDG Additional information</b>	None.				
49CFR/DOT	None.	Not regulated.	not regulated	none	
<b>49CFR/DOT Additional information</b>	None.				
ICAO/IATA	None.	Not regulated.	not regulated	none	
<b>ICAO/IATA Additional information</b>	None.				
IMDG	None.	Not regulated.	not regulated	none	
<b>IMDG Additional information</b>	None.				

**Special precautions for user** : Not applicable.

**Environmental hazards** : See ECOLOGICAL INFORMATION, Section 12.

### SECTION 15 - REGULATORY INFORMATION

**US Federal Information:**

Components listed below are present on the following U.S. Federal chemical lists:

<u>Ingredients</u>	CAS #	TSCA Inventory	CERCLA Reportable Quantity(RQ) (40 CFR 117.302):	SARA TITLE III: Sec. 302, Extremely Hazardous Substance, 40 CFR 355:	SARA TITLE III: Sec. 313, 40 CFR 372, Specific Toxic Chemical	
					Toxic Chemical	de Minimis Concentration
Silanetriol, methyl-, potassium salt	31795-24-1	Yes	Not available	Not available	No	N/Ap
Methanol	67-56-1	Yes	5000 lbs / 2270 kg	None.	Yes	1%
D-Glucopyranose, oligomeric, decyl octyl glycosides	68515-73-1	Yes	Not available	Not available	No	N/Ap
1-Decanol	112-30-1	Yes	Not available	Not available	No	N/Ap
1-Octanol	111-87-5	Yes	Not available	Not available	No	NS

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SARA TITLE III: Sec. 311 and 312, SDS Requirements, 40 CFR 370 Hazard Classes: Skin irritation, Eye irritation

### US State Right to Know Laws:

The following chemicals are specifically listed by individual States:

<u>Ingredients</u>	CAS #	California Proposition 65		State "Right to Know" Lists					
		Listed	Type of Toxicity	CA	MA	MN	NJ	PA	RI
Silanetriol, methyl-, potassium salt	31795-24-1	No	Not available	No	No	No	No	No	No
Methanol	67-56-1	Yes	Developmental	Yes	Yes	Yes	Yes	Yes	Yes
D-Glucopyranose, oligomeric, decyl octyl glycosides	68515-73-1	No	Not available	Yes	Yes	Yes	Yes	Yes	Yes
1-Decanol	112-30-1	No	Not available	No	No	No	No	Yes	Yes
1-Octanol	111-87-5	No	Not available	No	No	Yes	No	Yes	Yes

### Canadian Information:

All ingredients are present on the DSL.

### International Information:

Components listed below are present on the following International Inventory list:

<u>Ingredients</u>	CAS #	European EINECs	Australia AICS	Philippines PICCS	Japan ENCS	Korea KECI/KECL	China IECSC	NewZealand IOC
Silanetriol, methyl-, potassium salt	31795-24-1	250-807-9	Present	Present	(2)-2086	KE-25329	Present	Listed
Methanol	67-56-1	200-659-6	Present	Present	(2)-201	KE-23193	Present	HSR001186
D-Glucopyranose, oligomeric, decyl octyl glycosides	68515-73-1	N/Av	Present	Present	No data available.	No data available.	Present	No data available.
1-Decanol	112-30-1	203-956-9	Present	Present	(2)-217	KE-09483	Present	HSR001398
1-Octanol	111-87-5	203-917-6	Present	Present	(2)-217	KE-26656	Present	HSR001413

## SECTION 16. OTHER INFORMATION

### Legend

- : ACGIH: American Conference of Governmental Industrial Hygienists
- CAS: Chemical Abstract Services
- CERCLA: Comprehensive Environmental Response, Compensation, and Liability Act of 1980
- CSA: Canadian Standards Association
- DOT: Department of Transportation
- EPA: Environmental Protection Agency
- IARC: International Agency for Research on Cancer
- LC: Lethal Concentration
- LD: Lethal Dose
- N/Av: Not Applicable
- N/Av: Not Available
- NIOSH: National Institute of Occupational Safety and Health
- NTP: National Toxicology Program

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OSHA: Occupational Safety and Health Administration  
PEL: Permissible exposure limit  
SARA: Superfund Amendments and Reauthorization Act  
STEL: Short Term Exposure Limit  
TLV: Threshold Limit Values  
TWA: Time Weighted Average

**References** : 1. ACGIH, Threshold Limit Values for Chemical Substances and Physical Agents & Biological Exposure Indices  
2. ECHA - European Chemical Agency  
3. Canadian Centre for Occupational Health and Safety, CCHInfoWeb databases  
4. Safety Data Sheets from manufacturer.  
5. US EPA Title III List of Lists  
6. California Proposition 65 List  
7. OECD - The Global Portal to Information on Chemical Substances - eChemPortal

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**Other special considerations for handling**

: Provide adequate information, instruction and training for operators.

<p><b>Prepared for:</b> DynaCrete 5653 Westport Road West Vancouver, BC V7W 1V3 (800) 751 7746 info@dynacrete.net</p>	
<p><b>Prepared by:</b> ICC The Compliance Center Inc. Telephone: (888) 442-9628 (U.S.); (888) 977-4834 (Canada) <a href="http://www.thecompliancecenter.com">http://www.thecompliancecenter.com</a></p>	

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