



# T-Rex Power - Canada

## Safety Data Sheet

according to the Hazardous Products Regulation (February 11, 2015)  
Reference number: 100000927  
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### SECTION 1: Identification

#### 1.1. Product identifier

Product form : Mixture  
Trade name : T-Rex Power - Canada  
Product code : 5xxxxCA

#### 1.2. Recommended use and restrictions on use

Recommended use : Adhesives, sealants

#### 1.3. Supplier

Soudal N.V.  
Everdongenlaan 18-20  
Turnhout, 2300  
Belgium  
T +32 14 42 42 31 - F +32 14 42 65 14  
[sds@soudal.com](mailto:sds@soudal.com) - [www.Soudal.com](http://www.Soudal.com)

#### 1.4. Emergency telephone number

No additional information available

### SECTION 2: Hazard identification

#### 2.1. Classification of the substance or mixture

##### Classification (GHS CA)

Not classified

#### 2.2. GHS Label elements, including precautionary statements

##### GHS CA labeling

No labeling applicable

#### 2.3. Other hazards

No additional information available

#### 2.4. Unknown acute toxicity (GHS CA)

No additional information available

### SECTION 3: Composition/Information on ingredients

#### 3.1. Substances

Not applicable

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### 3.2. Mixtures

Name	Chemical name / Synonyms	Product identifier	%	Classification (GHS CA)
calcium carbonate	calcium carbonate / calcium carbonate, precipitated	CAS-No.: 471-34-1	≥ 25 – < 50	Not classified
limestone	calcium carbonate, natural	CAS-No.: 1317-65-3	≥ 5 – < 10	Not classified
distillates (petroleum), hydrotreated light paraffinic	Distillates (petroleum), hydrotreated light paraffinic distillates (petroleum), hydrotreated light paraffinic	CAS-No.: 64742-55-8	≥ 1 – < 5	Asp. Tox. 1, H304
Trimethoxyvinylsilane	trimethoxyvinylsilane; trimethoxy(vinyl)silane (trimethoxysilyl)ethene / (trimethoxysilyl)ethylene / VTMO	CAS-No.: 2768-02-7	≥ 1 – < 5	Flam. Liq. 3, H226 Acute Tox. 4 (Inhalation:vapor), H332 Skin Sens. 1B, H317
titanium dioxide	-	CAS-No.: 13463-67-7	≥ 1 – < 5	Not classified
N-(3-(trimethoxysilyl)propyl)ethylenediamine	(3-(2-aminoethyl)amino propyl)trimethoxy silane / 1,2-Ethanediamine, N-[3-(trimethoxysilyl)propyl]- / 3-(2-aminoethylamino)propyltrimethoxysilane / 3-(N-(2-aminoethyl)amino)propyltrimethoxy silane	CAS-No.: 1760-24-3	≥ 1 – < 5	Eye Dam. 1, H318 Skin Sens. 1B, H317 STOT SE 3, H335
dioctylbis(pentane-2,4-dionato-O,O')tin	dioctylbis(pentane-2,4-dionato-O,O')tin	CAS-No.: 54068-28-9	≥ 0.1 – < 1	Flam. Liq. 4, H227 Skin Sens. 1, H317 STOT SE 2, H371

## SECTION 4: First-aid measures

### 4.1. Description of first aid measures

First-aid measures after inhalation	: Remove person to fresh air and keep comfortable for breathing.
First-aid measures after skin contact	: Wash skin with plenty of water.
First-aid measures after eye contact	: Rinse eyes with water as a precaution.

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First-aid measures after ingestion : Call a poison center/doctor/physician if you feel unwell.  
First-aid measures general : If you feel unwell, seek medical advice.

### 4.2. Most important symptoms and effects (acute and delayed)

Symptoms/effects after inhalation : Dust of the product, if present, may cause respiratory irritation after an excessive inhalation exposure. Although no appropriate human or animal health effects data are known to exist, this material is expected to be an inhalation hazard.  
Symptoms/effects after skin contact : None under normal conditions. Dust may cause irritation in skin folds or by contact in combination with tight clothing.  
Symptoms/effects after eye contact : None under normal conditions. Dust from this product may cause eye irritation.  
Symptoms/effects after ingestion : None under normal conditions.

### 4.3. Immediate medical attention and special treatment, if necessary

Other medical advice or treatment : Treat symptomatically.

## SECTION 5: Fire-fighting measures

### 5.1. Suitable extinguishing media

Suitable extinguishing media : Water spray. Dry powder. Foam.

### 5.2. Unsuitable extinguishing media

Unsuitable extinguishing media : Do not use a heavy water stream.

### 5.3. Specific hazards arising from the hazardous product

Fire hazard : No fire hazard.  
Explosion hazard : No direct explosion hazard.

### 5.4. Special protective equipment and precautions for fire-fighters

Firefighting instructions : Fight fire from safe distance and protected location. Do not enter fire area without proper protective equipment, including respiratory protection.  
Protection during firefighting : Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.

## SECTION 6: Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

General measures : Notify authorities if product enters sewers or public waters. Absorb spillage to prevent material-damage.

### 6.2. Methods and materials for containment and cleaning up

For containment : Using a clean shovel, put the material in a dry container and cover without compressing it.  
Methods for cleaning up : Mechanically recover the product.  
Other information : Dispose of materials or solid residues at an authorized site.

### 6.3. Reference to other sections

For further information refer to section 8: "Exposure controls/personal protection"

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### SECTION 7: Handling and storage

#### 7.1. Precautions for safe handling

Precautions for safe handling	: Ensure good ventilation of the work station. Wear personal protective equipment.
Hygiene measures	: Do not eat, drink or smoke when using this product. Always wash hands after handling the product.
Additional hazards when processed	: Not expected to present a significant hazard under anticipated conditions of normal use.

#### 7.2. Conditions for safe storage, including any incompatibilities

Technical measures	: Keep in a cool, well-ventilated place away from heat.
Storage conditions	: Keep cool. Protect from sunlight.
Packaging materials	: Store always product in container of same material as original container.

### SECTION 8: Exposure controls/personal protection

#### 8.1. Control parameters

Trimethoxyvinylsilane (2768-02-7)	
<b>Canada (Ontario) - Occupational Exposure Limits</b>	
Local name	Trimethoxyvinylsilane
OEL TWAEV	60 mg/m <sup>3</sup>
	10 ppm
Regulatory reference	Ontario Occupational Exposure Limits under Regulation 833
<b>limestone (1317-65-3)</b>	
<b>Canada (Alberta) - Occupational Exposure Limits</b>	
Local name	Limestone (Calcium carbonate, Aragonite, Calcite, Marble, Vaterite)
OEL TWA	10 mg/m <sup>3</sup>
Notations and remarks	Occupational exposure limit is based on irritation effects and its adjustment to compensate for unusual work schedules is not required.
Regulatory reference	Alberta Regulation 191/2021
<b>Canada (Quebec) - Occupational Exposure Limits</b>	
Local name	Calcium carbonate (Limestone)
VEMP (OEL TWAEV)	10 mg/m <sup>3</sup> Td
Notations and remarks	Note 1: The standard corresponds to dust containing no asbestos and the percentage in crystalline silica is less than 1%
Regulatory reference	S-2.1, r. 13 - Regulation respecting occupational health and safety
<b>Canada (British Columbia) - Occupational Exposure Limits</b>	
Local name	Calcium carbonate (incl. Limestone, Marble)
OEL TWA	10 mg/m <sup>3</sup> Total dust 3 mg/m <sup>3</sup> Respirable fraction
OEL STEL	20 mg/m <sup>3</sup>
Regulatory reference	OHS Guidelines Part 5: Chemical Agents and Biological Agents (WorkSafe BC)

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<b>limestone (1317-65-3)</b>	
<b>Canada (Nunavut) - Occupational Exposure Limits</b>	
Local name	Limestone (calcium carbonate)
OEL TWA	10 mg/m <sup>3</sup>
OEL STEL	20 mg/m <sup>3</sup>
Regulatory reference	Occupational Health and Safety Regulations, Nu Reg 003-2016 (Amendment R-044-2021)
<b>Canada (Northwest Territories) - Occupational Exposure Limits</b>	
Local name	Limestone (calcium carbonate)
OEL TWA	10 mg/m <sup>3</sup>
OEL STEL	20 mg/m <sup>3</sup>
Regulatory reference	Occupation Health and Safety Regulations R-039-2015 (R-013-2020)
<b>Canada (Saskatchewan) - Occupational Exposure Limits</b>	
Local name	Limestone (calcium carbonate)
OEL TWA	10 mg/m <sup>3</sup>
OEL STEL	20 mg/m <sup>3</sup>
Regulatory reference	The Occupational Health and Safety Regulations, 2020. Chapter S-15.1 Reg 10
<b>calcium carbonate (471-34-1)</b>	
<b>Canada (Alberta) - Occupational Exposure Limits</b>	
Local name	Calcium carbonate (Aragonite, Calcite, Marble, Vaterite)
OEL TWA	10 mg/m <sup>3</sup>
Notations and remarks	Occupational exposure limit is based on irritation effects and its adjustment to compensate for unusual work schedules is not required.
Regulatory reference	Alberta Regulation 87/2009 (Alberta Regulation 150/2020)
<b>Canada (Quebec) - Occupational Exposure Limits</b>	
Local name	Calcium carbonate
VEMP (OEL TWA <sub>EV</sub> )	10 mg/m <sup>3</sup> Td
Regulatory reference	S-2.1, r. 13 - Regulation respecting occupational health and safety
<b>Canada (Nunavut) - Occupational Exposure Limits</b>	
OEL TWA	10 mg/m <sup>3</sup>
OEL STEL	20 mg/m <sup>3</sup>
Regulatory reference	Occupational Health and Safety Regulations, Nu Reg 003-2016
<b>Canada (Northwest Territories) - Occupational Exposure Limits</b>	
Local name	Limestone (calcium carbonate)
OEL TWA	10 mg/m <sup>3</sup>
OEL STEL	20 mg/m <sup>3</sup>
Regulatory reference	Occupation Health and Safety Regulations R-039-2015 (R-013-2020)
<b>Canada (Saskatchewan) - Occupational Exposure Limits</b>	
OEL TWA	10 mg/m <sup>3</sup>

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calcium carbonate (471-34-1)	
OEL STEL	20 mg/m <sup>3</sup>
Regulatory reference	The Occupational Health and Safety Regulations, 1996. Chapter O-1.1 Reg 1

### 8.2. Appropriate engineering controls

Appropriate engineering controls : Ensure good ventilation of the work station.  
Environmental exposure controls : Avoid release to the environment.

### 8.3. Individual protection measures/Personal protective equipment

#### Personal protective equipment:

Wear recommended personal protective equipment.

#### Hand protection:

Protective gloves

#### Eye protection:

Safety glasses

#### Skin and body protection:

Wear suitable protective clothing

#### Respiratory protection:

In case of insufficient ventilation, wear suitable respiratory equipment

#### Personal protective equipment symbol(s):



## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

Physical state	: Solid
Appearance	: Solid.
Color	: Various colours
Odor	: characteristic
Odor threshold	: No data available
pH	: No data available
Relative evaporation rate (butyl acetate=1)	: No data available
Relative evaporation rate (ether=1)	: No data available
Melting point	: No data available
Freezing point	: Not applicable
Boiling point	: No data available
Flash point	: Not applicable
Auto-ignition temperature	: Not applicable
Decomposition temperature	: No data available

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Flammability (solid, gas)	: Non flammable.
Vapor pressure	: No data available
Relative vapor density at 20°C	: No data available
Relative density	: No data available
Density	: 1.485 g/cm <sup>3</sup> (20°C)
Solubility	: No data available
Partition coefficient n-octanol/water (Log Pow)	: No data available
Viscosity, kinematic	: Not applicable
Explosion limits	: Not applicable

### 9.2. Other information

VOC content : < 1 %

## SECTION 10: Stability and reactivity

Reactivity	: No additional information available
Chemical stability	: No additional information available
Possibility of hazardous reactions	: No additional information available
Conditions to avoid	: No additional information available
Incompatible materials	: No additional information available
Hazardous decomposition products	: No additional information available
Hardening time:	: No additional information available

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

Acute toxicity (oral)	: Not classified
Acute toxicity (dermal)	: Not classified
Acute toxicity (inhalation)	: Not classified

<b>distillates (petroleum), hydrotreated light paraffinic (64742-55-8)</b>	
LD50 oral rat	> 5000 mg/kg body weight Animal: rat, Guideline: OECD Guideline 401 (Acute Oral Toxicity), Guideline: OECD Guideline 420 (Acute Oral Toxicity - Fixed Dose Method)
<b>Trimethoxyvinylsilane (2768-02-7)</b>	
LD50 oral rat	6899 – 7012 mg/kg body weight (Equivalent or similar to OECD 401, Rat, Male / female, Experimental value, Oral, 14 day(s))
LD50 dermal rabbit	3158 – 3760 mg/kg body weight (Equivalent or similar to OECD 402, 24 h, Rabbit, Male / female, Experimental value, Dermal, 14 day(s))
LC50 Inhalation - Rat	16.8 mg/l (Equivalent or similar to OECD 403, 4 h, Rat, Male / female, Experimental value, Inhalation (vapours), 14 day(s))
ATE CA (oral)	6899 mg/kg body weight
ATE CA (Dermal)	3158 mg/kg body weight
ATE CA (vapors)	16.8 mg/l/4h
ATE CA (dust,mist)	16.8 mg/l/4h
<b>limestone (1317-65-3)</b>	
LD50 oral rat	6450 mg/kg (Rat, Literature study, Oral)
ATE CA (oral)	6450 mg/kg body weight

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<b>calcium carbonate (471-34-1)</b>	
LD50 oral rat	> 2000 mg/kg body weight Animal: rat, Animal sex: female, Guideline: OECD Guideline 420 (Acute Oral Toxicity - Fixed Dose Method), Guideline: EU Method B.1 bis (Acute Oral Toxicity - Fixed Dose Procedure)
LD50 dermal rat	> 2000 mg/kg body weight Animal: rat, Guideline: OECD Guideline 402 (Acute Dermal Toxicity), Guideline: EU Method B.3 (Acute Toxicity (Dermal))
LC50 Inhalation - Rat	> 3 mg/l air Animal: rat, Guideline: OECD Guideline 403 (Acute Inhalation Toxicity), Guideline: EU Method B.2 (Acute Toxicity (Inhalation)), Guideline: EPA OPPTS 870.1300 (Acute inhalation toxicity)

<b>titanium dioxide (13463-67-7)</b>	
LD50 oral rat	> 2000 mg/kg body weight (OECD 401: Acute Oral Toxicity, Rat, Male / female, Experimental value, Oral, 14 day(s))
LC50 Inhalation - Rat	> 5.09 mg/l (OECD 403: Acute Inhalation Toxicity, 4 h, Rat, Male, Experimental value, Inhalation (dust), 14 day(s))

<b>N-(3-(trimethoxysilyl)propyl)ethylenediamine (1760-24-3)</b>	
LD50 oral rat	2295 mg/kg body weight (EPA OPPTS 870.1100: Acute Oral Toxicity, Rat, Male / female, Experimental value, Oral, 14 day(s))
LD50 dermal rabbit	> 2000 mg/kg body weight (EPA OPPTS 870.1200: Acute Dermal Toxicity, 24 h, Rabbit, Male / female, Experimental value, Dermal, 14 day(s))
LC50 Inhalation - Rat	1.49 – 2.44 mg/l air (EPA OPPTS 870.1300: Acute Inhalation Toxicity, 4 h, Rat, Male / female, Experimental value, Inhalation (aerosol), 14 day(s))
ATE CA (oral)	2295 mg/kg body weight

<b>dioctylbis(pentane-2,4-dionato-O,O')tin (54068-28-9)</b>	
LD50 oral rat	2500 mg/kg (OECD 423: Acute Oral Toxicity – Acute Toxic Class Method, Rat, Female, Experimental value, Oral)
LD50 dermal rat	> 2000 mg/g (OECD 402: Acute Dermal Toxicity, 24 h, Rat, Male / female, Experimental value, Dermal)
LC50 Inhalation - Rat	5.1 mg/l air (Equivalent or similar to OECD 403, 4 h, Rat, Male / female, Experimental value, Inhalation (vapours))
ATE CA (oral)	2500 mg/kg body weight

Skin corrosion/irritation : Not classified

<b>limestone (1317-65-3)</b>	
pH	8.5 – 9

<b>calcium carbonate (471-34-1)</b>	
pH	8 – 9 (10 %, 20 °C)

<b>titanium dioxide (13463-67-7)</b>	
pH	7 (aqueous suspension, 10 %)

<b>N-(3-(trimethoxysilyl)propyl)ethylenediamine (1760-24-3)</b>	
pH	10.2 (1 %)

Serious eye damage/irritation : Not classified (Based on available data, the classification criteria are not met).

<b>limestone (1317-65-3)</b>	
pH	8.5 – 9



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<b>calcium carbonate (471-34-1)</b>	
pH	8 – 9 (10 %, 20 °C)
<b>titanium dioxide (13463-67-7)</b>	
pH	7 (aqueous suspension, 10 %)
<b>N-(3-(trimethoxysilyl)propyl)ethylenediamine (1760-24-3)</b>	
pH	10.2 (1 %)
Respiratory or skin sensitization	: Skin sensitization: Not classified (Based on available data, the classification criteria are not met). Respiratory sensitization: Not classified (Based on available data, the classification criteria are not met).
<b>T-Rex Power - Canada</b>	
Skin Sensitisation (test on mixture), Skin, In vitro	Not sensitising (OECD 497)
Germ cell mutagenicity	: Not classified
Carcinogenicity	: Not classified
<b>titanium dioxide (13463-67-7)</b>	
IARC group	2B - Possibly carcinogenic to humans
Reproductive toxicity	: Not classified
<b>Trimethoxyvinylsilane (2768-02-7)</b>	
NOAEL (animal/male, F0/P)	1000 mg/kg body weight Animal: rat, Animal sex: male, Guideline: OECD Combined Repeated Dose and Reproductive / Developmental Toxicity Screening Test (Precursor Protocol of GL 422)
NOAEL (animal/female, F0/P)	250 mg/kg body weight Animal: rat, Animal sex: female, Guideline: OECD Combined Repeated Dose and Reproductive / Developmental Toxicity Screening Test (Precursor Protocol of GL 422)
<b>dioctylbis(pentane-2,4-dionato-O,O')tin (54068-28-9)</b>	
NOAEL (animal/male, F0/P)	0.3 – 0.4 mg/kg body weight Animal: rat, Animal sex: male, Guideline: OECD Guideline 422 (Combined Repeated Dose Toxicity Study with the Reproduction / Developmental Toxicity Screening Test)
NOAEL (animal/female, F0/P)	0.3 – 0.5 mg/kg body weight Animal: rat, Animal sex: female, Guideline: OECD Guideline 422 (Combined Repeated Dose Toxicity Study with the Reproduction / Developmental Toxicity Screening Test)
STOT-single exposure	: Not classified
<b>N-(3-(trimethoxysilyl)propyl)ethylenediamine (1760-24-3)</b>	
STOT-single exposure	May cause respiratory irritation.
<b>dioctylbis(pentane-2,4-dionato-O,O')tin (54068-28-9)</b>	
STOT-single exposure	May cause damage to organs.
STOT-repeated exposure	: Not classified
<b>distillates (petroleum), hydrotreated light paraffinic (64742-55-8)</b>	
LOAEL (oral,rat,90 days)	125 mg/kg body weight Animal: rat, Animal sex: male, Guideline: OECD Guideline 408 (Repeated Dose 90-Day Oral Toxicity in Rodents)
<b>calcium carbonate (471-34-1)</b>	
NOAEL (oral,rat,90 days)	1000 mg/kg body weight Animal: rat, Guideline: OECD Guideline 422 (Combined Repeated Dose Toxicity Study with the Reproduction / Developmental Toxicity Screening Test)

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<b>dioctylbis(pentane-2,4-dionato-O,O')tin (54068-28-9)</b>	
LOAEC (inhalation, rat, gas, 90 days)	650 ppm Animal: rat, Guideline: OECD Guideline 413 (Subchronic Inhalation Toxicity: 90-Day Study)
Aspiration hazard	: Not classified
<b>T-Rex Power - Canada</b>	
Viscosity, kinematic	Not applicable
<b>distillates (petroleum), hydrotreated light paraffinic (64742-55-8)</b>	
Viscosity, kinematic	1.99 – 847 mm <sup>2</sup> /s Temp.: '40°C' Parameter: 'mm <sup>2</sup> /s' 'mm <sup>2</sup> /s'
<b>Trimethoxyvinylsilane (2768-02-7)</b>	
Viscosity, kinematic	0.7 mm <sup>2</sup> /s (20 °C)
<b>limestone (1317-65-3)</b>	
Viscosity, kinematic	No data available in the literature
<b>calcium carbonate (471-34-1)</b>	
Viscosity, kinematic	Not applicable (solid)
<b>titanium dioxide (13463-67-7)</b>	
Viscosity, kinematic	Not applicable (solid)
<b>N-(3-(trimethoxysilyl)propyl)ethylenediamine (1760-24-3)</b>	
Viscosity, kinematic	3.1 mm <sup>2</sup> /s (20 °C, Calculated)
<b>dioctylbis(pentane-2,4-dionato-O,O')tin (54068-28-9)</b>	
Viscosity, kinematic	25.1 mm <sup>2</sup> /s (40 °C, OECD 114: Viscosity of Liquids)
Symptoms/effects after inhalation	: Dust of the product, if present, may cause respiratory irritation after an excessive inhalation exposure. Although no appropriate human or animal health effects data are known to exist, this material is expected to be an inhalation hazard.
Symptoms/effects after skin contact	: None under normal conditions. Dust may cause irritation in skin folds or by contact in combination with tight clothing.
Symptoms/effects after eye contact	: None under normal conditions. Dust from this product may cause eye irritation.
Symptoms/effects after ingestion	: None under normal conditions.

## SECTION 12: Ecological information

### 12.1. Toxicity

Ecology - general	: The product is not considered harmful to aquatic organisms or to cause long-term adverse effects in the environment.
Hazardous to the aquatic environment, short-term (acute)	: Not classified
Hazardous to the aquatic environment, long-term (chronic)	: Not classified

<b>Trimethoxyvinylsilane (2768-02-7)</b>	
LC50 - Fish [1]	191 mg/l (96 h, Oncorhynchus mykiss, Fresh water, Experimental value, Nominal concentration)
EC50 - Crustacea [1]	168.7 mg/l (EU Method C.2, 48 h, Daphnia magna, Static system, Fresh water, Experimental value, Locomotor effect)

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<b>Trimethoxyvinylsilane (2768-02-7)</b>	
ErC50 algae	> 89 mg/l (72 h, Pseudokirchneriella subcapitata, Static system, Fresh water, Experimental value, GLP)
NOEC chronic algae	89 mg/l (72 h, Pseudokirchneriella subcapitata, Static system, Fresh water, Experimental value, GLP)
<b>limestone (1317-65-3)</b>	
LC50 - Fish [1]	> 10000 mg/l (96 h, Oncorhynchus mykiss, Literature study)
EC50 - Crustacea [1]	> 1000 mg/l (48 h, Daphnia magna, Literature study)
EC50 72h - Algae [1]	> 200 mg/l (Desmodesmus subspicatus, Literature study)
<b>calcium carbonate (471-34-1)</b>	
LC50 - Fish [1]	> 100 % (OECD 203: Fish, Acute Toxicity Test, 96 h, Oncorhynchus mykiss, Semi-static system, Fresh water, Experimental value, Nominal concentration)
EC50 - Crustacea [1]	> 100 % (OECD 202: Daphnia sp. Acute Immobilisation Test, 48 h, Daphnia magna, Static system, Fresh water, Experimental value, Locomotor effect)
ErC50 algae	> 100 mg/l (OECD 201: Alga, Growth Inhibition Test, 72 h, Pseudokirchneriella subcapitata, Static system, Fresh water, Experimental value, Nominal concentration)
EC50 72h - Algae [1]	> 14 mg/l Test organisms (species): Desmodesmus subspicatus (previous name: Scenedesmus subspicatus)
<b>titanium dioxide (13463-67-7)</b>	
LC50 - Fish [1]	> 300 mg/l (Danio rerio, Fresh water, Literature study, Nominal concentration)
EC50 - Crustacea [1]	> 100 mg/l (OECD 202: Daphnia sp. Acute Immobilisation Test, 48 h, Daphnia magna, Static system, Fresh water, Experimental value, Locomotor effect)
<b>N-(3-(trimethoxysilyl)propyl)ethylenediamine (1760-24-3)</b>	
LC50 - Fish [1]	597 mg/l (EU Method C.1, 96 h, Danio rerio, Semi-static system, Fresh water, Experimental value, GLP)
EC50 - Crustacea [1]	81 mg/l (EU Method C.2, 48 h, Daphnia magna, Static system, Fresh water, Experimental value, Locomotor effect)
ErC50 algae	8.8 mg/l (OECD 201: Alga, Growth Inhibition Test, 72 h, Selenastrum capricornutum, Static system, Fresh water, Experimental value, GLP)
EC50 72h - Algae [1]	126 mg/l Test organisms (species): Desmodesmus subspicatus (previous name: Scenedesmus subspicatus)
NOEC chronic algae	3.1 mg/l (OECD 201: Alga, Growth Inhibition Test, 72 h, Selenastrum capricornutum, Static system, Fresh water, Experimental value, GLP)
<b>dioctylbis(pentane-2,4-dionato-O,O')tin (54068-28-9)</b>	
LC50 - Fish [1]	71.1 mg/l (96 h, Salmo gairdneri, Flow-through system, Fresh water, Experimental value, Nominal concentration)
EC50 - Crustacea [1]	47.6 mg/l (48 h, Daphnia magna, Static system, Fresh water, Experimental value, Nominal concentration)
EC50 - Other aquatic organisms [1]	75 mg/l Test organisms (species): other:
ErC50 algae	32 mg/l (OECD 201: Alga, Growth Inhibition Test, 72 h, Desmodesmus subspicatus, Static system, Fresh water, Experimental value, GLP)

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### 12.2. Persistence and degradability

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Persistence and degradability	Not rapidly degradable
distillates (petroleum), hydrotreated light paraffinic (64742-55-8)	
Persistence and degradability	Not rapidly degradable
Trimethoxyvinylsilane (2768-02-7)	
Persistence and degradability	not readily degradable in water.
limestone (1317-65-3)	
Persistence and degradability	Biodegradability: not applicable.
Chemical oxygen demand (COD)	Not applicable (inorganic)
ThOD	Not applicable (inorganic)
calcium carbonate (471-34-1)	
Persistence and degradability	Biodegradability in soil: not applicable, Biodegradability: not applicable.
Chemical oxygen demand (COD)	Not applicable (inorganic)
ThOD	Not applicable (inorganic)
titanium dioxide (13463-67-7)	
Persistence and degradability	Biodegradability: not applicable.
Chemical oxygen demand (COD)	Not applicable (inorganic)
ThOD	Not applicable (inorganic)
N-(3-(trimethoxysilyl)propyl)ethylenediamine (1760-24-3)	
Persistence and degradability	not readily degradable in water.
dioctylbis(pentane-2,4-dionato-O,O')tin (54068-28-9)	
Persistence and degradability	not readily degradable in water.

### 12.3. Bioaccumulative potential

Trimethoxyvinylsilane (2768-02-7)	
Bioaccumulative potential	Low potential for bioaccumulation (Log Kow < 4).
Partition coefficient n-octanol/water (Log Pow)	1.1 (QSAR, KOWWIN, 20 °C)
limestone (1317-65-3)	
Bioaccumulative potential	Bioaccumulation: not applicable.
calcium carbonate (471-34-1)	
Bioaccumulative potential	Not bioaccumulative.
titanium dioxide (13463-67-7)	
Bioaccumulative potential	Not bioaccumulative.
N-(3-(trimethoxysilyl)propyl)ethylenediamine (1760-24-3)	
Bioaccumulative potential	Not bioaccumulative.
Partition coefficient n-octanol/water (Log Pow)	-0.3 (QSAR, 20 °C)

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<b>dioctylbis(pentane-2,4-dionato-O,O')tin (54068-28-9)</b>	
Bioaccumulative potential	Low potential for bioaccumulation (Log Kow < 4).
Partition coefficient n-octanol/water (Log Pow)	0.6 (Calculated, 25 °C)

### 12.4. Mobility in soil

<b>Trimethoxyvinylsilane (2768-02-7)</b>	
Ecology - soil	Low potential for adsorption in soil.
Organic Carbon Normalized Adsorption Coefficient (Log Koc)	2.811 (log Koc, SRC PCKOCWIN v2.0, Calculated value)

<b>limestone (1317-65-3)</b>	
Ecology - soil	No (test)data on mobility of the substance available.

<b>calcium carbonate (471-34-1)</b>	
Surface tension	No data available (test not performed)
Ecology - soil	Low potential for adsorption in soil.

<b>titanium dioxide (13463-67-7)</b>	
Surface tension	No data available in the literature
Ecology - soil	Low potential for mobility in soil.

<b>N-(3-(trimethoxysilyl)propyl)ethylenediamine (1760-24-3)</b>	
Ecology - soil	Low potential for mobility in soil.
Organic Carbon Normalized Adsorption Coefficient (Log Koc)	3.5 (log Koc, SRC PCKOCWIN v2.0, Calculated value)

<b>dioctylbis(pentane-2,4-dionato-O,O')tin (54068-28-9)</b>	
Surface tension	32.3 mN/m (20 °C, 30 mg/l, OECD 115: Surface Tension of Aqueous Solutions)

### 12.5. Other adverse effects

Ozone : Not classified

## SECTION 13: Disposal considerations

### 13.1. Disposal methods

Regional waste regulation	: Disposal must be done according to official regulations.
Waste treatment methods	: Dispose of contents/container in accordance with licensed collector's sorting instructions.
Sewage disposal recommendations	: Do not discharge into drains or the environment. Disposal must be done according to official regulations.
Product/Packaging disposal recommendations	: Comply with applicable regulations for solid waste disposal. Disposal must be done according to official regulations.
Additional information	: Do not re-use empty containers.
Ecological information	: Avoid release to the environment.

## SECTION 14: Transport information

In accordance with TDG / DOT / IMDG / IATA

# T-Rex Power - Canada

## Safety Data Sheet

according to the Hazardous Products Regulation (February 11, 2015)

### 14.1. UN number

Not regulated for transport

### 14.2. UN proper shipping name

Proper Shipping Name (TDG) : Not regulated  
Proper Shipping Name (DOT) : Not regulated  
Proper Shipping Name (IMDG) : Not regulated  
Proper Shipping Name (IATA) : Not regulated

### 14.3. Transport hazard class(es)

**TDG**  
Transport hazard class(es) (TDG) : Not regulated

**DOT**  
Transport hazard class(es) (DOT) : Not regulated

**IMDG**  
Transport hazard class(es) (IMDG) : Not regulated

**IATA**  
Transport hazard class(es) (IATA) : Not regulated

### 14.4. Packing group

Packing group (TDG) : Not regulated  
Packing group (DOT) : Not regulated  
Packing group (IMDG) : Not regulated  
Packing group (IATA) : Not regulated

### 14.5. Environmental hazards

Other information : No supplementary information available.

### 14.6. Special precautions for user

**TDG**  
Not regulated

**DOT**  
Not regulated

**IMDG**  
Not regulated

**IATA**  
Not regulated

### 14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable

## SECTION 15: Regulatory information

### 15.1. National regulations

**distillates (petroleum), hydrotreated light paraffinic (64742-55-8)**

Listed on the Canadian DSL (Domestic Substances List)

# T-Rex Power - Canada

## Safety Data Sheet

according to the Hazardous Products Regulation (February 11, 2015)

### Trimethoxyvinylsilane (2768-02-7)

Listed on the Canadian DSL (Domestic Substances List)

### limestone (1317-65-3)

Listed on the Canadian NDSL (Non-Domestic Substances List)

### calcium carbonate (471-34-1)

Listed on the Canadian DSL (Domestic Substances List)

### titanium dioxide (13463-67-7)

Listed on the Canadian DSL (Domestic Substances List)

### N-(3-(trimethoxysilyl)propyl)ethylenediamine (1760-24-3)

Listed on the Canadian DSL (Domestic Substances List)

### dioctylbis(pentane-2,4-dionato-O,O')tin (54068-28-9)

Not listed on the Canadian DSL (Domestic Substances List)/NDSL (Non-Domestic Substances List)

## 15.2. International regulations

### T-Rex Power - Canada

Not listed on the United States TSCA (Toxic Substances Control Act) inventory

### distillates (petroleum), hydrotreated light paraffinic (64742-55-8)

Listed on the United States TSCA (Toxic Substances Control Act) inventory - Status: Active

### Trimethoxyvinylsilane (2768-02-7)

Listed on the United States TSCA (Toxic Substances Control Act) inventory - Status: Active

### limestone (1317-65-3)

Listed on the United States TSCA (Toxic Substances Control Act) inventory - Status: Active

Listed on INSQ (Mexican National Inventory of Chemical Substances)

### calcium carbonate (471-34-1)

Listed on the United States TSCA (Toxic Substances Control Act) inventory - Status: Active

Listed on INSQ (Mexican National Inventory of Chemical Substances)

### titanium dioxide (13463-67-7)

Listed on the United States TSCA (Toxic Substances Control Act) inventory - Status: Active

Listed on INSQ (Mexican National Inventory of Chemical Substances)

# T-Rex Power - Canada

## Safety Data Sheet

according to the Hazardous Products Regulation (February 11, 2015)

### **N-(3-(trimethoxysilyl)propyl)ethylenediamine (1760-24-3)**

Listed on the United States TSCA (Toxic Substances Control Act) inventory - Status: Active

### **dioctylbis(pentane-2,4-dionato-O,O')tin (54068-28-9)**

Not listed on the United States TSCA (Toxic Substances Control Act) inventory

## SECTION 16: Other information

Issue date : 12-15-2023

### Full text of H-phrases:

H226	Flammable liquid and vapor
H227	Combustible liquid
H304	May be fatal if swallowed and enters airways
H317	May cause an allergic skin reaction
H318	Causes serious eye damage
H332	Harmful if inhaled
H335	May cause respiratory irritation
H371	May cause damage to organs

Safety Data Sheet (SDS), Canada

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.