

1. IDENTIFICATION: PRODUCT IDENTIFIER AND CHEMICAL IDENTITY

Product Name: T-REX POWER

Other Means of Identification: Mixture

Recommended Use of the Chemical and Restriction on Use: Adhesive

Details of Manufacturer or Importer:

Soudal Australia Pty Ltd
Unit 1, 29 Prince William Drive
Seven Hills NSW 2147

Phone Number: 02 8678 7449

Emergency telephone number: 1300 507 011

2. HAZARDS IDENTIFICATION

Hazardous Nature:

Classified as Hazardous according to criteria of National Occupational Health & Safety Commission (NOHSC), Australia.

Not classified as Dangerous Goods according to the Australian Code for the Transport of Dangerous Goods by Road and Rail. (7th edition)



health hazard

Repr. 2 H361 Suspected of damaging fertility or the unborn child.

Signal Word Warning

Hazard Statements

H361 Suspected of damaging fertility or the unborn child.

Precautionary Statements

P280 Wear protective gloves/protective clothing/eye protection/face protection.

P201 Obtain special instructions before use.

P202 Do not handle until all safety precautions have been read and understood.

P308+P313 IF exposed or concerned: Get medical advice/attention.

P405 Store locked up.

P501 Dispose of contents/container in accordance with local/regional/national regulations.

3. COMPOSITION AND INFORMATION ON INGREDIENTS

Chemical Characterization: Mixtures

Description: Mixture of substances listed below with nonhazardous additions.

Hazardous Components:

| | | |
|------------|---|-----------|
| 64742-46-7 | Distillates (petroleum), hydrotreated middle | 1-<10% |
| 52829-07-9 | Decanedioic acid, bis(2,2,6,6-tetramethyl-4-piperidiny) ester ⚠ Acute Tox. 3, H331; ⚠ Aquatic Chronic 2, H411; ⚠ Skin Irrit. 2, H315; Eye Irrit. 2A, H319; STOT SE 3, H335 | 0.1-<2.5% |
| 1760-24-3 | 1,2-Ethanediamine, N-[3-(trimethoxysilyl)propyl]- ⚠ Eye Dam. 1, H318; ⚠ Skin Irrit. 2, H315; Skin Sens. 1, H317 | 0.1-<1% |
| 22673-19-4 | Tin, dibutylbis(2,4-pentanedionato-O,O')-, (OC-6-11)- ⚠ Flam. Liq. 3, H226; ⚠ Repr. 2, H361; ⚠ Acute Tox. 4, H302; Acute Tox. 4, H312; Acute Tox. 4, H332; Skin Irrit. 2, H315; Eye Irrit. 2A, H319; STOT SE 3, H335 | 0.1-<1% |
| 2768-02-7 | Silane, ethenyltrimethoxy- ⚠ Acute Tox. 4, H332 | 1-<25% |

(Contd. on page 2)

Printing date 30.01.2015

Revision: 30.08.2015

Product Name: T-REX POWER

(Contd. of page 1)

Additional information:

Note N: The classification as a carcinogen need not apply if the full refining history is known and it can be shown that the substance from which it is produced is not a carcinogen. This note only applies to certain complex oil-derived substances in Annex I (CAS No. 64742-46-7).

May produce an allergic reaction.

Contains traces of a (possible) fertility impairing substance.

Contains traces of a (possible) teratogenic substance.

4 . FIRST AID MEASURES

Inhalation: If inhaled, remove to fresh air. Seek medical attention if breathing problems develop.

Skin Contact:

In case of skin contact, immediately remove contaminated clothing and wash affected areas with water and soap. Seek medical attention if symptoms occur.

Eye Contact:

In case of eye contact, rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Seek medical attention if symptoms occur.

Ingestion:

Rinse mouth with water Do not give anything by mouth to an unconscious person. Seek medical attention if symptoms occur.

5 . FIRE FIGHTING MEASURES

Suitable Extinguishing Media: Polyvalent foam, ABC powder or carbon dioxide.

Specific Hazards Arising from the Chemical:

Carbon monoxide, carbon dioxide and small quantities of nitrous vapours, hydrogen chloride and sulphur oxides may emit upon combustion.

Not easily combustible

Special Protective Equipment and Precautions for Fire Fighters:

Wear Safe Work Australia approved self-contained breathing apparatus and full protective clothing.

6 . ACCIDENTAL RELEASE MEASURES**Personal Precautions, Protective Equipment and Emergency Procedures:**

Wear Safe Work Australia approved full protective clothing. Evacuate all non-essential personnel from affected area. Do not breathe vapours. Ensure adequate ventilation. Do not expose to naked flames.

Environmental Precautions:

In the event of a major spill, prevent spillage from entering drains or water courses.

Methods and Materials for Containment and Cleaning Up:

Stop leak if safe to do so and absorb spill with sand, earth, vermiculite or some other absorbent material. Collect the spilled material and place into a suitable container for disposal. Clean contaminated surfaces with a soap solution.

7 . HANDLING AND STORAGE**Precautions for Safe Handling:**

Use of safe work practices are recommended to avoid eye or skin contact and inhalation of vapours.

Food, beverages and tobacco products should not be stored or consumed where this material is in use. Always wash hands before smoking, eating, drinking or using the toilet. Wash contaminated clothing and other protective equipment before storage or re-use. Provide eyewash fountains and safety showers in close proximity to points of potential exposure.

(Contd. on page 3)

Printing date 30.01.2015

Revision: 30.08.2015

Product Name: T-REX POWER

(Contd. of page 2)

Conditions for Safe Storage:

Store in a cool, dry and well ventilated area for a maximum 1 year. Keep container tightly closed. Protect from direct sunlight, heat, sparks, open flames and hot surfaces. Suitable material for packaging is plastic.

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION**Exposure Standards:**

Oil mist:

TWA: 5 mg/m³**Engineering Controls:**

Provide sufficient mechanical (general and/or local exhaust) ventilation to maintain exposure below the limits.

Respiratory Protection: Respiratory protection not required for normal conditions of use.

Skin Protection:

PVC, PVA, nitrile, neoprene, rubber or vinyl gloves. See Australian/New Zealand Standard AS/NZS 2161 for more information.

When selecting gloves for use against certain chemicals, the degradation resistance, permeation rate and permeation breakthrough time should be considered.

Occupational protective clothing (depending on conditions in which it has to be used, in particular as regards the period for which it is worn, which shall be determined on the basis of the seriousness of the risk, the frequency of exposure to the risk, the characteristics of the workstation of each worker and the performance of the protective clothing). See Australian/New Zealand Standard AS/NZS 4501 for more information.

Eye and Face Protection:

Safety glasses with top and side shields or goggles. See Australian/New Zealand Standards AS/NZS 1336 and 1337 for more information.

9. PHYSICAL AND CHEMICAL PROPERTIES**Appearance:**

| | |
|---|---|
| Form: | Paste |
| Colour: | Various colours, depending on the composition |
| Odour: | Characteristic |
| Odour Threshold: | No information available |
| pH-Value: | No information available |
| Melting point/Melting range: | No information available |
| Initial Boiling Point/Boiling Range: | No information available |
| Flash Point: | No information available |
| Flammability: | Literature reports: not easily combustible |
| Auto-ignition Temperature: | No information available |
| Decomposition Temperature: | No information available |
| Explosion Limits: | |
| Lower: | No information available |
| Upper: | No information available |
| Vapour Pressure: | No information available |
| Density: | Not determined. |
| Relative Density: | 1.48 |
| Vapour Density: | No information available |
| Evaporation Rate: | No information available |
| Solubility in Water: | No information available |
| Partition Coefficient (n-octanol/water): | No information available |
| Viscosity: | No information available |
| VOC: | 5 % |

(Contd. on page 4)

Printing date 30.01.2015

Revision: 30.08.2015

Product Name: T-REX POWER

(Contd. of page 3)

10 . STABILITY AND REACTIVITY

Possibility of Hazardous Reactions: Heating increases the fire hazard.

Chemical Stability: Stable at ambient temperature and under normal conditions of use.

Conditions to Avoid: Heat, sparks, open flames, hot surfaces and direct sunlight.

Incompatible Materials: No information available

Hazardous Decomposition Products:

Carbon monoxide, carbon dioxide and small quantities of nitrous vapours, hydrogen chloride and sulphur oxides.

11 . TOXICOLOGICAL INFORMATION

Toxicity:

| LD ₅₀ /LC ₅₀ Values Relevant for Classification: | | |
|--|-----------------------|---|
| 64742-46-7 Distillates (petroleum), hydrotreated middle | | |
| Oral | LD ₅₀ | >5000 mg/kg (rat) (Equivalent to OECD 401) |
| Dermal | LD ₅₀ | >2000 mg/kg (rabbit) (Equivalent to OECD 402) |
| Inhalation | LC ₅₀ /4 h | 3.92-5.4 mg/l (rat) (Equivalent to OECD 403) |
| 52829-07-9 Decanedioic acid, bis(2,2,6,6-tetramethyl-4-piperidinyl) ester | | |
| Oral | LD ₅₀ | 3700 mg/kg (rat) (Equivalent to OECD 423) |
| Dermal | LD ₅₀ | >3170 mg/kg (rat) (Equivalent to OECD 402) |
| Inhalation | LC ₅₀ | 0.5 mg/l (rat) (Equivalent to OECD 403) |
| 1760-24-3 1,2-Ethanediamine, N-[3-(trimethoxysilyl)propyl]- | | |
| Oral | LD ₅₀ | 2413 mg/kg (rat) (OECD 401) |
| Dermal | LD ₅₀ | 16480 mg/kg (rabbit) (Equivalent to OECD 402) |

Acute Health Effects

Inhalation: No adverse health effects expected.

Skin: No adverse health effects expected.

Eye: No adverse health effects expected.

Ingestion: Ingestion is not considered a potential route of exposure.

Skin Corrosion / Irritation: Based on classification principles, the classification criteria are not met.

Serious Eye Damage / Irritation: Based on classification principles, the classification criteria are not met.

Respiratory or Skin Sensitisation: Based on classification principles, the classification criteria are not met.

Germ Cell Mutagenicity: Based on classification principles, the classification criteria are not met.

Carcinogenicity: This product does NOT contain any IARC listed chemicals.

Reproductive Toxicity: Suspected of damaging fertility or the unborn child.

Specific Target Organ Toxicity (STOT) - Single Exposure:

Based on classification principles, the classification criteria are not met.

Specific Target Organ Toxicity (STOT) - Repeated Exposure:

Based on classification principles, the classification criteria are not met.

Aspiration Hazard: Based on classification principles, the classification criteria are not met.

(Contd. on page 5)

Printing date 30.01.2015

Revision: 30.08.2015

Product Name: T-REX POWER

(Contd. of page 4)

Chronic Health Effects:

May produce an allergic reaction. May cause skin dryness and cracking for continuous exposure.

Existing Conditions Aggravated by Exposure: No information available**Additional toxicological information:**

The product is not subject to classification according to the calculation method of the General EU Classification Guidelines for Preparations as issued in the latest version.

When used and handled according to specifications, the product does not have any harmful effects to our experience and the information provided to us.

12 . ECOLOGICAL INFORMATION**Ecotoxicity:****Aquatic toxicity:****52829-07-9 Decanedioic acid, bis(2,2,6,6-tetramethyl-4-piperidinyl) ester**

| | |
|---------------------------|---|
| EC ₅₀ /21 days | 1.31 mg/l (daphnia) (OECD 211) |
| EC ₅₀ /24 h | 17 mg/l (daphnia) (OECD 202) |
| EC ₅₀ /72 h | 1.1 mg/l (pseudokirchnerie lla subcapitata) (OECD 201) |
| IC ₅₀ /3 h | >100 mg/l (activated sludge inhibition) (OECD 209) |
| LC ₅₀ /48 h | 8.58 mg/l (daphnia) (OECD 202) |
| LC ₅₀ /96 h | 4.4 mg/l (brachydanio rerio) 4.4 mg/l (lepomis macrochirus) (OECD 203) 5.29 mg/l (oryzias latipes) (OECD 203) |

1760-24-3 1,2-Ethanediamine, N-[3-(trimethoxysilyl)propyl]-

| | |
|------------------------|--------------------------------------|
| EC ₀ /48 h | <63 mg/l (daphnia) (OECD 202) |
| EC ₅₀ /48 h | 90 mg/l (daphnia) (OECD 202) |
| EC ₅₀ /72 h | 5.5 mg/l (selenastrum capricornutum) |
| LC ₅₀ /96 h | 213 mg/l (fish) (EPA 660/3-75/009) |

Persistence and Degradability: Contains non readily biodegradable components.**Bioaccumulative Potential:** No data available on finished product.**Mobility in Soil:** No data available on finished product.**13 . DISPOSAL CONSIDERATIONS****Disposal Methods and Containers:** Dispose according to applicable local and state government regulations.**Special Precautions for Landfill or Incineration:**

Please consult your state Land Waste Management Authority for more information.

14 . TRANSPORT INFORMATION

| | |
|------------------------------|----------------|
| UN Number | Not regulated |
| Proper Shipping Name | Not regulated |
| Dangerous Goods Class | Not regulated |
| Packing Group: | Not regulated |
| IMDG, IATA | Not applicable |

(Contd. on page 6)

SAFETY DATA SHEET

According to Safe Work Australia

Printing date 30.01.2015

Revision: 30.08.2015

Product Name: T-REX POWER

(Contd. of page 5)

15 . REGULATORY INFORMATION

| Australian Inventory of Chemical Substances: | |
|--|---|
| 64742-46-7 | Distillates (petroleum), hydrotreated middle |
| 52829-07-9 | Decanedioic acid, bis(2,2,6,6-tetramethyl-4-piperidiny) ester |
| 1760-24-3 | 1,2-Ethanediamine, N-[3-(trimethoxysilyl)propyl]- |
| 22673-19-4 | Tin, dibutylbis(2,4-pentanedionato-O,O')-, (OC-6-11)- |
| 2768-02-7 | Silane, ethenyltrimethoxy- |

Standard for the Uniform Scheduling of Drugs and Poisons (SUSMP) - Poison Schedule:
Not a scheduled poison.

16 . OTHER INFORMATION

Creation Date: 13.08.2013**Last Revision of MSDS:** 30.08.2015**Prepared by:** MSDS.COM.AU Pty Ltdwww.msds.com.au**Abbreviations and acronyms:**

ADG: Australian Dangerous Goods

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

GHS: Globally Harmonized System of Classification and Labelling of Chemicals

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society)

VOC: Volatile Organic Compounds

LC₅₀: Lethal concentration, 50 percentLD₅₀: Lethal dose, 50 percent

IARC: International Agency for Research on Cancer

STEL: Short Term Exposure Limit

TWA: Time Weighted Average

NES: National Exposure Standard (Safe Work Australia - Workplace Exposure Standards For Airborne Contaminants)

Data compared to the previous version altered. Section 1,2 and 3.**Disclaimer**

This MSDS is prepared in accord with the Safe Work Australia document "Code of Practice for the Preparation of Safety Data Sheets for Hazardous Chemicals - December 2011"

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