

# Safety Data Sheet

according to WHS Regulations

Printing date 05.10.2018

Revision: 05.10.2018

## 1 Identification

**Product Name:** SP-20 OIL**Other Means of Identification:** Mixture**Product Code:** 7800-9033S**Recommended Use of the Chemical and Restriction on Use:** Lubricant**Details of Manufacturer or Importer:**

Sanden Australia  
Unit 6/17 Willfox Street,  
Condell Park, NSW, 2200

**Phone Number:** 02 9791 0999**Emergency telephone number:** 02 9791 0999

## 2 Hazard(s) Identification

**Hazardous Nature:**

Classified as Hazardous according to the Globally Harmonised System of Classification and Labelling of Chemicals (GHS) and Safe Work Australia criteria.

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



health hazard

Toxic To Reproduction 1B H360 May damage fertility or the unborn child.

STOT SE 2 H371 May cause damage to organs.

Aquatic Acute 3 H402 Harmful to aquatic life.

Aquatic Chronic 3 H412 Harmful to aquatic life with long lasting effects.

**Signal Word** Danger**Hazard Statements**

H360 May damage fertility or the unborn child.

H371 May cause damage to organs.

H412 Harmful to aquatic life with long lasting effects.

**Precautionary Statements**

P201 Obtain special instructions before use.

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

P260 Do not breathe dust/fume/gas/mist/vapours/spray.

P264 Wash hands thoroughly after handling.

P270 Do not eat, drink or smoke when using this product.

P273 Avoid release to the environment.

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

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.

(Contd. on page 2)

# Safety Data Sheet




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**Product Name: SP-20 OIL**

(Contd. of page 1)

<b>Hazardous Components:</b>		
CAS: 1330-78-5	Tris(methylphenyl) phosphate <div>  Toxic To Reproduction 1B, H360; STOT SE 1, H370; STOT RE 2, H373;   Aquatic Chronic 2, H411; Aquatic Acute 2, H401 </div>	<3%
CAS: 2386-87-0	7-Oxabicyclo[4.1.0]heptane-3-carboxylic acid, 7-oxabicyclo[4.1.0]hept-3-ylmethyl ester <div>  Carcinogenicity 2, H351 </div>	<1%

## 4 First Aid Measures

### Inhalation:

If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Seek medical attention if breathing problems develop.

### Skin Contact:

In case of skin contact, 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.

### Ingestion:

If swallowed, do not induce vomiting. Immediately rinse mouth with water. Do not give milk or alcohol. Never give anything by mouth to an unconscious person. Seek immediate medical attention.

### Symptoms Caused by Exposure:

Inhalation: May cause respiratory irritation.

Skin Contact: May cause skin irritation.

Eye Contact: May cause eye irritation.

## 5 Fire Fighting Measures

### Suitable Extinguishing Media:

Use fire extinguishing methods suitable to surrounding conditions. Do not use full water jet.

### Specific Hazards Arising from the Chemical:

No hazardous decomposition products known.

This product is not flammable.

Containers close to fire should be removed if safe to do so.

### Special Protective Equipment and Precautions for Fire Fighters:

When fighting a major fire wear self-contained breathing apparatus and protective equipment.

## 6 Accidental Release Measures

### Personal Precautions, Protective Equipment and Emergency Procedures:

Wear approved respiratory protection, chemical resistant gloves, protective clothing and safety boots. Evacuate all non-essential personnel from affected area. Do not breathe vapours. Ensure adequate ventilation.

### 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.

(Contd. on page 3)

# Safety Data Sheet

## according to WHS Regulations

Printing date 05.10.2018

Revision: 05.10.2018

**Product Name: SP-20 OIL**

(Contd. of page 2)

### 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. Use only outdoors or in a well-ventilated area.

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.

**Conditions for Safe Storage:**

Store in a cool, dry and well ventilated area. Keep container tightly closed when not in use. Opened containers must be carefully resealed and stored upright to prevent leakage. Keep away from strong acids and strong bases.

### 8 Exposure Controls and Personal Protection

**Exposure Standards:**

The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

**Engineering Controls:** Ensure adequate ventilation of the working area.

**Respiratory Protection:**

Use an approved vapour respirator under conditions where exposure to the substance is apparent (e.g. generation of high concentrations of mist or vapour, inadequate ventilation, development of respiratory tract irritation) and engineering controls are not feasible. See Australian Standards AS/NZS 1715 and 1716 for more information.

**Skin Protection:**

Impervious 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:**

Eye and face protectors for protection against splashing materials or liquids. See Australian/New Zealand Standard AS/NZS 1337 for more information.

### 9 Physical and Chemical Properties

**Appearance:**

**Form:**

Liquid

**Colour:**

Transparent light yellow

**Odour:**

Characteristic

**Odour Threshold:**

No information available

**pH-Value:**

No information available

**Melting point/freezing point:**

-45 °C (Pour point)

**Initial Boiling Point/Boiling Range:**

No information available

**Flash Point:**

244 °C (Cleveland Open Cup)

**Flammability:**

Product is not flammable.

**Auto-ignition Temperature:**

No information available

**Decomposition Temperature:**

No information available

(Contd. on page 4)

## Safety Data Sheet

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Printing date 05.10.2018

Revision: 05.10.2018

**Product Name: SP-20 OIL**

(Contd. of page 3)

**Explosion Limits:****Lower:**

No information available

**Upper:**

No information available

**Vapour Pressure:**

No information available

**Density at 15 °C:**1.0195 g/cm<sup>3</sup>**Vapour Density:**

No information available

**Evaporation Rate:**

No information available

**Solubility in Water:**

Insoluble

**Partition Coefficient (n-octanol/water):** No information available**Viscosity at 40 °C:**100.1 mm<sup>2</sup>/s

### 10 Stability and Reactivity

**Possibility of Hazardous Reactions:** Hazardous polymerisation will not occur.**Chemical Stability:** Stable at ambient temperature and under normal conditions of use.**Conditions to Avoid:** No further relevant information available.**Incompatible Materials:** Strong acids and strong bases.**Hazardous Decomposition Products:** No hazardous decomposition products known.

### 11 Toxicological Information

**Toxicity:****LD<sub>50</sub>/LC<sub>50</sub> Values Relevant for Classification:** No information available**Acute Health Effects****Inhalation:** May cause respiratory irritation.**Skin:** May cause skin irritation.**Eye:** May cause eye irritation.**Ingestion:** No information available**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:** May damage fertility or the unborn child.**Specific Target Organ Toxicity (STOT) - Single Exposure:** May cause damage to organs.**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.**Chronic Health Effects:** Repeated or prolonged skin exposure may cause dermatitis.**Existing Conditions Aggravated by Exposure:** No information available**Additional toxicological information:**

May cause sensitisation by skin contact or inhalation by susceptible individuals.

(Contd. on page 5)

# Safety Data Sheet

according to WHS Regulations

Printing date 05.10.2018

Revision: 05.10.2018

Product Name: SP-20 OIL

(Contd. of page 4)

## 12 Ecological Information

### Ecotoxicity:

#### Aquatic toxicity:

Harmful to aquatic life with long lasting effects.

#### CAS: 1330-78-5 Tris(methylphenyl) phosphate

EC<sub>50</sub>/48 h 0.14 mg/l (daphnia)EC<sub>50</sub>/72 h 0.4 mg/l (scenedesmus subspicatus)LC<sub>50</sub>/96 h 0.6 mg/l (fish)**Persistence and Degradability:** No further relevant information available.**Bioaccumulative Potential:** No further relevant information available.**Mobility in Soil:** No further relevant information available.**Other adverse effects:** No further relevant information available.

## 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

## 15 Regulatory Information

### Australian Inventory of Chemical Substances:

CAS: 1330-78-5 Tris(methylphenyl) phosphate

CAS: 2386-87-0 7-Oxabicyclo[4.1.0]heptane-3-carboxylic acid, 7-oxabicyclo[4.1.0]hept-3-ylmethyl ester

#### Standard for the Uniform Scheduling of Drugs and Poisons (SUSMP) - Poison Schedule:

Not Scheduled.

## 16 Other Information

**Date of Preparation or Last Revision:** 05.10.2018**Prepared by:** MSDS.COM.AU Pty Ltd

www.msds.com.au

### Abbreviations and acronyms:

GHS: Globally Harmonised System of Classification and Labelling of Chemicals

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

LC<sub>50</sub>: Lethal concentration, 50 percentLD<sub>50</sub>: 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)

Carcinogenicity 2: Carcinogenicity – Category 2

Toxic To Reproduction 1B: Reproductive toxicity – Category 1B

(Contd. on page 6)

## Safety Data Sheet

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**Product Name: SP-20 OIL**

(Contd. of page 5)

STOT SE 1: Specific target organ toxicity (single exposure) – Category 1  
STOT SE 2: Specific target organ toxicity (single exposure) – Category 2  
STOT RE 2: Specific target organ toxicity (repeated exposure) – Category 2  
Aquatic Acute 2: Hazardous to the aquatic environment, short-term (Acute). Category 2  
Aquatic Acute 3: Hazardous to the aquatic environment, short-term (Acute). Category 3  
Aquatic Chronic 2: Hazardous to the aquatic environment, long-term (Chronic). Category 2  
Aquatic Chronic 3: Hazardous to the aquatic environment, long-term (Chronic). Category 3

**Disclaimer**

This SDS is prepared in accord with the Safe Work Australia document "Code of Practice for the Preparation of Safety Data Sheets for Hazardous Chemicals - February 2016"

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