



Code	Description	Size	Colour
20118	Toptec Powder Coat Cleaner	4Lt	Clear
20119	Toptec Powder Coat Cleaner	20Lt	Clear

Recommended use:		Degreasing Solvent
HSNO group standard:		HSR002528
UN number, shipping name and packaging group:		1300, Turpentine Substitute
Supplier contact details:	Holdfast NZ Ltd	Freephone: 0800 TOPTEC
	14 Avalon Drive	Phone: (07) 847 5540
	Nawton	Fax: (07) 847 0324
	Hamilton 3200	Email: <a href="mailto:sales@toptec.co.nz">sales@toptec.co.nz</a>
	New Zealand	Website: <a href="http://www.toptec.co.nz">www.toptec.co.nz</a>
<b>POISON CENTRE NUMBER: 0800 764 766 (24 hours)</b>		

## 2. Hazards Identification

### 2.1 Hazardous Substances and New Organisms (HSNO) classification:

Classification	Hazard statement
<b>3.1C</b>	Flammable Liquids: medium hazard
<b>6.1E</b> (oral)	Acutely toxic
<b>6.4A</b>	Irritating to the eye
<b>6.9B</b> (inhalation)	Harmful to human target organs or systems
<b>9.1B</b>	Very ecotoxic in the aquatic environment

### 2.2 Symbols:

**DANGER**



### 2.3 Precautionary Statements:

Flammable liquid and vapour.  
 Harmful if swallowed.  
 Causes skin irritation.  
 Causes serious eye irritation.  
 May cause damage to organs through prolonged or repeated exposure  
 Toxic to aquatic life.

### 3. Composition/Information on Ingredients

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#### 3.1 Information on the ingredients used in the substance:

Ingredient	CAS No.	Individual HSNO classification	Concentration (%)
Hydrocarbon Solvents	108-67-8 95-63-6: 9882-8	3.1C, 6.1D(inhalation), 6.1E (oral), 6.3B, 6.4A, 6.9B (inhalation), 9.1B (fish, crustacean), 9.1C (algal, fish)	>60%

### 4. First Aid Measures

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#### 4.1 Skin contact:

Wash exposed area with mild soap and water. Get medical attention if irritation develops or persists.

#### 4.2 Eye contact:

Immediately flush eyes with plenty of water for 15 minutes. If irritation persists, seek medical attention.

#### 4.3 Inhalation:

Remove victim from area of exposure. If unconscious, give oxygen. Give artificial respiration if not breathing. Get immediate medical attention.

#### 4.4 Ingestion:

Do not Induce Vomiting. Get immediate medical attention.

#### 4.5 Advice for physicians:

Exposure to high concentrations of this material (e.g., in enclosed spaces or with deliberate abuse) may be associated with cardiac arrhythmias. Epinephrine and other sympathomimetic drugs may initiate cardiac arrhythmias in persons exposed to this material. If sympathomimetic drugs are administered, observe for the development of cardiac arrhythmias.

### 5. Fire-Fighting Measures

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#### 5.1 Extinguishing media:

Dry chemical, foam, or carbon dioxide

#### 5.2 Special hazards due to combustion:

Vapour accumulations may flash and/or explode if ignited. Keep ignition sources, open flames, ect. away from those fumes.

#### 5.3 Advice for fire-fighters:

Proper respiratory equipment to protect against the hazardous effects of combustion products is recommended. Water in a straight hose stream may cause fire to spread and should be used as a cooling medium only.

#### 5.4 Hazchem code:

3[Y]E

### 6. Accidental Release Measures

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#### 6.1 Personal precautions:

Wear protective equipment to prevent skin and eye contamination.

#### 6.2 Environmental precautions:

Extinguish possible sources of ignition. Evacuate all unprotected personnel and ventilate area. Only personnel equipped with proper respiratory, skin/eye protection should enter spill area. Dike area to contain spill and clean up by absorbing on an inert absorbent or other means. Don't flush into sewers or natural waterways.

### 6.3 Methods for cleaning up:

Contain spill to prevent run off into drains and waterways. Use absorbent (rags, soil, sand, or other inert material).

### 6.4 Disposal:

See Disposal section of this SDS for further details.

## 7. Handling and Storage

### 7.1 Handling:

Open container slowly to relieve any pressure. Bond and ground all equipment when transferring from one vessel or container to another. This material can accumulate static charge by flow or agitation. Vapours can be ignited by static discharge. Use explosion proof equipment as directed by local fire codes.

### 7.2 Storage:

Store unopened containers under cool, dry and ventilated conditions. Keep away from heat, sparks and flame.

## 8. Exposure Controls/Personal Protection

### 8.1 Exposure limits:

Not available

### 8.2 Engineering Controls:

General (mechanical) room ventilation is considered satisfactory in enclosed spaces. Where explosive mixtures may be present, electrical systems safe for such locations must be used.

### 8.3 Exposure controls:

Control	Protective measure
Eye	Wear safety glasses, goggles or appropriate face shield.
Respiratory	Avoid fume inhalation. Wear organic vapour respirator, especially if working in a poorly ventilated area.
Skin	PVC-coated gloves. Avoid skin contact. If skin contact or contamination of clothing is likely, protective clothing should be worn.

## 9. Physical and Chemical Properties

### 9.1 General substance properties:

Property	Details
Appearance	Clear Colourless Liquid
Odour	Solvent
pH	No data.
Vapour pressure	No data.
Viscosity	No data.
Boiling Point	150 – 190 °C
Volatile materials	No data.
Freezing/melting point	No data.
Solubility	Insoluble
Specific gravity/density	0.84
Flash point	-22 °C
Danger of explosion	No data.
Auto-ignition temperature	No data.
Upper and lower flammability limits	No data.
Corrosiveness	No data.

## 10. Stability and Reactivity

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### 10.1 Stability:

This material is stable when stored and used as directed.

### 10.2 Conditions to avoid:

Exposure to excessive heat, open flames and sparks. Avoid conditions that favour the formation of excessive mists and/or fumes.

### 10.3 Incompatible materials to avoid:

Strong oxidising agents.

### 10.4 Hazardous decomposition products:

Oxides of Carbon when burned.

## 11. Toxicological Information

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### 11.1 Summary of Toxicity

Information given in this Safety Data Sheet is based on the data on the components and the toxicology of similar products. No adverse health effects are expected if the product is handled in accordance with this SDS and the product label.

### 11.2 Acute toxicity:

Test	Data and symptoms of exposure
Oral	No data.
Dermal	No data.
Inhaled	No data.
Eye	Causes eye irritation.
Skin	Causes skin irritation.

### 11.3 Chronic toxicity:

Test	Data and symptoms of exposure
Sensitisation	No data.
Mutagenicity	Not expected to be mutagenic.
Carcinogenicity	Not expected to be carcinogenic.
Reproductive/developmental	No data.
Systemic/targeted organs	No data.

## 12. Ecological Information

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### 12.1 Ecological properties

Ecology	Ecological data
Aquatic ecotoxicity	No data.
Soil ecotoxicity	No data.
Terrestrial vertebrate	No data.
Terrestrial invertebrate	No data.
Mobility	VOC of 0%. Insoluble in water. Product is denser than water.
Degradability	The solvent in this product is readily biodegradable. The remainder of the product is expected to biodegrade slowly.

## 13. Disposal Considerations

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### 13.1 Disposal methods:

Do not dispose of down drains or into local waterways. Recycle or recover whenever possible. Dispose of substance to a hazardous or special waste collection point or through a licensed contractor. Normally suitable for incineration by an approved agent.

**13.2 Disposal restrictions:**

Disposal should be in accordance with Hazardous Substances (Disposal) Regulations 2001, and with any other applicable regional and national laws and regulations.

**13.3 Special precautions for disposal:**

No data.

**14. Transport Information**

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**14.1 Dangerous goods transport information:**

Identification	Details	Identification	Details
UN number	1300	Proper shipping name	Turpentine Substitute
UN class	3.1C	Subsidiary risk	9.1
UN packing group	III	Hazchem code	3[Y]E

**14.2 Transport provisions by land according to the Standard for the Transport of Dangerous Goods on Land (NZS 5433):**

No data.

**14.3 Transport provisions by sea according to the International Maritime Dangerous Goods (IMDG) code:**

No data.

**14.4 Transport provisions by air according to International Civil Aviation Organization (ICAO) Technical Instructions:**

No data.

**15. Regulatory Information**

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**15.1 HSNO approval number and Group Standard:**

HSR002528

Cleaning Products(Flammable)

**15.2 Group Standard conditions and other regulations:**

Condition	Requirement
MSDS	No data.
Labelling	No data.
Emergency plan	No data.
Approved handler	No data.
Tracking	No data.
Bundling and secondary containment	No data.
Signage	No data.
Test certificate	No data.
Flammable zone	No data.
Fire extinguisher	No data.

**16. Other Information**

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**16.1 Date of preparation or revision:**

Created 18<sup>th</sup> November 2013

**16.2 Abbreviations:**

Abbreviation	Description
CAS number	Number assigned to chemical in the Chemical Abstracts Service registry
HAZCHEM code	Code used by fire-fighters to determine correct method of action in the case of fire
HSNO	Hazardous Substances and New Organisms (Act)

ICAO Technical Instructions	International Civil Aviation Organization Technical Instructions
IMDG code	International Maritime Dangerous Goods code controlled by the International Maritime Organization (IMO)
LC50	Lethal concentration 50% - concentration fatal to 50% of the tested population
LD50	Lethal dose 50% - dose fatal to 50% of the tested population
NZS 5433	New Zealand Standard 5433 (Standard for the Transport of Dangerous Goods on Land)
SDS	Safety data sheet
STEL	Short term exposure limit
TWA	Time weighted average (typically measured as 8 hours)
UN number	United nations number
WES	Workplace exposure standard

### 16.3 References

The information provided on this MSDS is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material in combination with any other material or in any process, unless specified in the text.