

# Material Safety Data Sheet

## 1.0 Identification of the product and the company

### 1.1 Identification of the product

1.1.1 Product Steelclean S540

### 1.2 Identification of the company

Vitopan Limited  
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Bolton BL4 9TP  
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Web-Page [www.vitopan.com](http://www.vitopan.com)

## 2.0 Composition/information on ingredients

Ingredients	CAS No.	Einecs No.	R. Phrases
Proprietary Blend of perfume, dye and distilled treated naphthenic oil base solvent distillate	64742-52-5 64742-81-0	N/K 265-184-9	N/A N/A

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## 3.0 HAZARD IDENTIFICATION

Liquid and vapour can be irritant on prolonged exposure.  
Liquid is mild skin irritant and repeated contact may cause dermatitis.

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## 4.0 FIRST AID MEASURES

### SKIN

Wash with soap and water.

### CONTACT WITH EYES

Irrigate thoroughly with eye wash solution or water for at least 10 minutes and obtain attention

### INGESTION

Do not induce vomiting.

### INHALATION

Remove to fresh air. Keep warm and at rest.

## 5.0 FIRE-FIGHTING MEASURES

Suitable Extinguishing media: Carbon Dioxide, dry chemical, foam, sand or earth or water fog.  
Decomposition Products: Carbon Dioxide, Carbon Monoxide.

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## 6.0 ACCIDENTAL RELEASE MEASURES

**Safety Precautions:** Extinguish any naked flames, sources of ignition. Avoid inhaling vapour and evacuate personnel from area.

### Environmental

**Precautions:** Do not allow to enter drains.

**Clean-Up Procedure:** Absorb liquid on sand or earth and shovel into suitable containers for disposal. Trade effluent to foul sewer consult local water company.

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## 7.0 HANDLING AND STORAGE

**Handling:** Ensure good ventilation, wear suitable gloves, protective clothing and eye/face protection observing good standards of hygiene and working practices.

**Storing:** Keep in tightly closed, labelled containers, no smoking, naked flames, hot element and other ignition sources must not be present.

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## 8.0 EXPOSURE CONTROL/PERSONAL PROTECTION

### Personal Protection Equipment:

Hand:	Rubber/PVC impervious gloves
Eye:	Safety Goggles
Respiratory:	If handling bulk quantities, use respirator with solvent cartridge
Skin:	Standard protective clothing

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## 9.0 PHYSICAL AND CHEMICAL PROPERTIES

Appearance	-	Clear Blue solution
Odour	-	Solvent
Specific Gravity	-	0.830-0.850
pH	-	N/A
Solubility	-	Insoluble in water
Flash Point °C	-	N/A
Boiling Point range °C	-	150 – 300
Auto ignition temp °C	-	Greater than 230

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## 10.0 STABILITY AND REACTIVITY

**Hazardous Decomposition Product(s):** Stable but will emit flammable vapours when heated.  
**Materials to Avoid:** Oxidising substances.

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## 11.0 TOXICOLOGICAL INFORMATION

**Route of entry:** Inhalation, skin, eyes and ingestion.

**Inhalation:** Prolonged and repeated inhalation of mist or vapour generated at elevated temperatures may irritate respiratory tract.

**Skin:** Prolonged repeated exposure may lead to defacing of the skin and subsequent dermatitis.

**Eyes:** May cause redness and transient pain.

**Ingestion:** May cause nausea and eventual vomiting and diarrhoea.

**Acute oral toxicity LD50:** Greater than 5000mg/kg 9rats

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## 12.0 ECOLOGICAL INFORMATION

**Mobility:** Insoluble in water.

**Persistence/**

**Degradability:** Very slowly.

**Ecotoxicity:** Expected to be toxic to aquatic life.

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## 13.0 DISPOSAL CONSIDERATIONS

**Substance:** Via an authorised waste disposal contractor to an approved waste disposal site observing all local and national regulations

**Container:** As substance.

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## 14.0 TRANSPORT REGULATIONS

UN No	}	
Primary Hazard	}	
Packing Group	}	Not classified as hazardous
Hazard ID No	}	for transport
Class ADR/RID Item No.)	}	
Hazchem	}	
(Emergency Action Code)	}	

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## 15.0 REGULATORY INFORMATION

Supply Label Details	:	Ref CHIP 2 1994
Label Name	:	Steelclean
Contents	:	Contains mineral oils and aliphatic solvents
Hazard symbol(s)	:	N/A
Risk Phrases	:	
Safety Phrases	:	S2 Keep out of reach of children S25 Avoid contact with eyes
Voluntary Phrases	:	Prolonged exposure of the skin to steelclean Could lead to dermatitis.

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**NOTE:** This paragraph summarises only the most important legal provisions for the product to be described in the safety data sheet. Please note that there may be additional legal provisions to be observed. We recommend that you keep yourself informed about all applicable international, national and local regulations.

## 16.0 ADDITIONAL INFORMATION

Abbreviations	N/K	-	Not Known	N/A	-	Not Applicable
	TWA	-	Time Weighted Average			
	PPE	-	Personal Protective Equipment			

The information contained in this Material Safety Data Sheet has been developed by the company on the express request of its customers. The information contained in this leaflet is given in good faith. It is accurate to the best of our knowledge and belief and represents the most up to date information available. The company does not assume any liability with respect to the correctness and/or completeness of the information provided by this Material Safety Data Sheet. It is the sole responsibility of the user to ascertain whether there are any other regulations pertaining to the storage, use and handling of the product in addition to those mentioned.