

# **VAPORTEK**

## **VAPOR TEK LIMITED**

### **Material Safety Data Sheet**

Revision 2.0 December 2019

Product: **STEELGARD VOC FREE**

#### **Section 1: Identification of the substance/preparation and of the company/undertaking.**

Application: Steelgard VOC Free is a corrosion preventive compound (Liquid/Gel).

##### **1.1 Product identifier:**

Product name:  
Steelgard VOC Free

##### **1.2 Supplier**

Supplier: Vapor-Tek Ltd  
Fairclough Street  
Bolton. BL3 2AF  
United Kingdom  
Telephone Number +44 (0)1204 521795  
Fax +44 (0)1204 364576  
E-mail [info@vapor-tek.co.uk](mailto:info@vapor-tek.co.uk)  
Emergency Telephone Number: +44(0) 07773160675

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## **2 Hazards Identification**

### **2.1: Classification**

This product does not meet the classification requirements of the current European legislation.

Classification according to Regulation (EC) No 1272/2008 as amended

NOT CLASSIFIED

Classification according to Directive 67/548/EEC or 1999/45/EC as amended

NOT CLASSIFIED

**2.2 Label Elements:**

Signal word : No signal word

Hazard statement: No known significant effects or critical hazard

Precautionary statement: Not applicable

**2.3 Other Hazards:**

None

**3. Composition/Information on ingredients**

A blend of corrosion inhibitors, antioxidants and metals deactivators in mineral oil.

Component	EC Number	Registration Number	Classification
Base Oil (Liquid)	265-155-0	01-2119467170-0002	N/A
Hydrocarbon waxes, petroleum oxidised, methyl esters, barium salts.	271-637-1	Not Available	N/A
Benzenesulfonic acid, mono-C19-28-Alkyl derivatives, Sodium salts.	265-155-0	01-211946717045	N/A
2-butoxyethanol	203-905-0	01-2119475108-xxxx	N/A

**4 First-aid measures****4.1 Description of First Aid Measures**

Inhalation	Remove exposed person to fresh air if adverse effects are observed.
Skin Contact	Wash with soap and water, remove any contaminated clothing. If skin irritation occurs seek medical attention.
Eye Contact	Flush thoroughly with water. Remove contact lenses if necessary. Seek medical attention.
Ingestion	Rinse mouth. Do not induce vomiting. Seek medical attention.

## **5. Firefighting measures**

### **5.1 Extinguishing media:**

#### **Suitable extinguishing media**

Foam, dry powderCO<sub>2</sub>.

Water fog may be used to cool containers.

Combustion may release undefined organic compounds.

#### **Unsuitable extinguishing media**

DO NOT USE WATER JETS.

### **5.2 Advice for firefighters:**

Wear breathing apparatus if necessary.

## **6. Accidental release measures**

### **6.1 Personal precautions:**

In case of spills, beware of slippery floor, do not allow to come into contact with open fire or other ignition sources.

### **6.2 Environmental precautions:**

Avoid discharge into drains, watercourses or on the ground.

### **6.3 Methods and material for containment and cleaning up:**

Collect with absorbant, non-combustable material into suitable containers. Clean **the** contaminated area with oil-removing material. Recover as much as possible and dispose of in an approved and permitted way.

### **6.4 Reference to Other Sections:**

For personal protective equipment see Section 8 and for disposal instructions see Section 13.

## **7. Handling and storage**

### **7.1 Precautions for safe handling:**

Avoid contact with eyes and skin.

### **7.2 Conditions for safe storage, including any incompatibilities:**

Minimum/Maximum recommended storage temperature < 40c.

Store in steel or other suitable metal containers.

Storage life essentially indefinite under normal conditions.

Store separately from strong acids and oxidising agents

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## **8. Exposure Controls/Personal Protection**

### **8.1 Control Parameters:**

None of the components has assigned exposure limits.

### **8.2 Appropriate engineering controls:**

No special requirements under ordinary conditions of use and with adequate ventilation

Individual protection measures, such as personal protective equipment (PPE)

### **General information:**

Use personal protective equipment as required.

### **Eye/face:**

If contact is likely, safety glasses with side shields are recommended

### **Skin protection:**

### **Hand:**

Use nitrile or neoprene gloves. Use good industrial hygiene practices. In case of skin contact, wash hands, arms and affected area with soap and water.

### **Respiratory protection:**

If fumes, vapour or mist are generated the use of a respirator fitted with the correct filter cartridge



### Hygiene measures:

Wash hands at the end of each shift and before eating, smoking or using the toilet

## 9: Physical and Chemical Properties

9.1	Appearance	Light Brown Oily Gel
9.2	Odour	Mild 'Fruity'
9.3	PH	Aqueous dispersion 6-7 units
9.4	Boiling point/range	N/A
9.5	Melting point/range	25°C - 40°C
9.6	Flashpoint	N/A
9.7	Flammability	Combustable
9.8	Auto-flammability	N/A
9.9	Explosive properties	None
9.10	Oxidising Properties	None
9.11	Vapour pressure	N/A
9.12	Relative density	0.91 – 0.95 (according to grade)
9.13	Solubility	Insoluble in water. Miscible with most organic solvents
9.14	Viscosity	1N/A

## 10. Stability and Reactivity

### 10.1 Conditions to avoid:

Stable unless overheated.

Thermal decomposition will release undefined organic compounds.

### 10.2 Materials to avoid contact with:

Incompatible with strong oxidising agents.

## 11. Toxicological Information

Inhalation	Unlikely unless heated, vapour could be irritant to the respiratory tract. Could cause nausea & dizziness
Skin Contact	Prolonged or frequent contact could cause irritation and may lead to dermatitis. May cause mild skin irritation
Eye Contact	Irritant
Ingestion	Unlikely unless deliberate but could cause gastrointestinal irritation.

**Potential chronic health effects:**

Chronic effects	No known significant effects or critical hazards
Carcinogenicity	This product contains mineral oils which are severely refined and not considered carcinogenic. All of the oils in this product have been demonstrated to contain less than 3% extractable by IP346 test.
Mutagenicity	No data available
Teratogenicity	No data available
Fertility Effects	No data available

**12. Ecological Information****12.1: Toxicity**

Product name/ ingredient name	Result	Species	Exposure
Distillates (petroleum) hydrotreated heavy naphthenic	Acute EC50.100 mg/l	Fish	96 hours

**Conclusion/Summary:**

Aquatic toxicity data on the base oils indicates LC50 values of 100mg/l, which is considered as low toxicity.

**12.2 Persistence and degradability:**

Not readily biodegradable. Inherently biodegradable.

**12.3 Bioaccumulative potential:**

The product has the potential to bioaccumulate.

**12.4 Mobility in soil:**

Insoluble in water

**12.5 Results of PBT & vPvB assessment.**

PBT: NO

vPvB: NO

**12.6 Other adverse effects:**

Spills may form a film on water surfaces causing physical damage to organisms. Oxygen transfer could also be impaired.

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**13 Disposal Considerations****13.1 Waste treatment methods.**

In accordance with national and local regulations.

Prevent from entering sewers and waterways.

Containers to be disposed of by the authorised disposal agency.

The generation of waste should be avoided or minimised wherever possible. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible.

**14. Transport Information**

Not classed as hazardous for transportation.

ADR: Not regulated

IMDG: Not regulated

ATA: Not regulated

**15. Regulatory Information****Global Chemical Inventories**

USA	All components are on the US TCSA inventory or are exempt.
EU	All components are in compliance with the EC seventh amendment Directive 92/32/EEC
Japan	All components are in compliance with the Chemical Substances Control Law of Japan.
Australia	All components are in compliance with Chemical notification requirements in Australia.
Canada	All components are in compliance with the Canadian Environmental Protection Act and are present on the Domestic Substances List.
Korea	All components are in compliance in Korea.
Philippines	All components are in compliance with the Philippines Toxic Substances and Hazardous and Nuclear Wastes Control Act of 1990 (R.A.6969).
China	All components of this product are listed on the Inventory of Existing Chemical Substances In China

## **16. Other Information**

The above information describes exclusively the safety requirements of the product and is based on our present-day knowledge. The information is intended to give you advice about the safe handling of the product named in this safety data sheet, for storage processing, transport and disposal. The information cannot be transferred to other products. In case of mixing the product with other products or in the case of processing, the information on this safety data-sheet is not necessarily valid for the new made-up material.

<b>Date of Amendment</b>	<b>Amendment</b>	<b>Issue no.</b>	<b>Notes</b>
08/08/2013	First issue	1A	C.Jones (M.D.)
07/04/2016	Revised	1B	C. Jones (M.D.)
17/12/2019	Format Standardised	2.0	S. Lambert