

# **VAPORTEK**

## **VAPOR TEK LIMITED**

### **Material Safety Data Sheet**

Revision 4.0 January 2020

Product: **STEELGARD RP/VPI GREASE.**

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

Application: Steelgard RP/VPI Grease is a Corrosion preventive compound (Grease-Semi solid/Gel).

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

Product name: Steelgard RP/VPI Grease

##### **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 of the Substance or Mixture:**

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

Classification according to the regulation (EC) No1272/2008 as amended: Not classified

##### **2.2 Label elements according to Regulation (EC) No 1272/2008 as amended.**

Signal word: Not Applicable

Hazard Statement(s) : Not applicable

Precautionary Statement: Not applicable

##### **2.3 Other Hazards:**

None identified.

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**3. Composition/Information on ingredients**

Component	EC Number	Registration Number	Classification
Base Oil (liquid)	265-155-0	01-2119467170-45-0002	N/A
Hydrocarbon waxes, petroleum oxidized, methyl esters, barium salts.	271-637-1	Not Available	Acute Tox: H332 Acute Tox.4: H302
Benzenesulfonic acid, mono-C19-28-Alkyl derivatives, Sodium salts.	274-265-8	Not Available	N/A

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

General Information

Change contaminated clothing

After Inhalation

In the unlikely event remove the exposed person to fresh air if any adverse effects are observed

After Contact with skin.

Wash with soap and water, remove any contaminated clothing. If skin irritation occurs or persists, seek medical attention.

After Contact with eyes

Flush with water for several minutes. Remove contact lenses if necessary. Seek medical advice.

After Ingestion

Do not induce vomiting. **Rinse mouth** Consult physician.

**5. Firefighting measures****5.1 Extinguishing media:**Suitable extinguishing media

Extinguishing powder. Foam. Carbon dioxide (CO<sub>2</sub>). DO NOT USE WATER JETS.

Water fog may be used to cool containers.

Unsuitable extinguishing media

Water

**5.2 Advice for firefighters:**

In case of fire. Wear self-contained breathing apparatus.

**Additional Information**

Combustion may release undefined organic compounds.

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**6. Accidental release measures**

**6.1 Personal precautions, protective equipment and emergency procedures:**

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, water courses or on the ground.

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

Collect with absorbent, non-combustible material into suitable containers. Clean 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:**

See section 13: Disposal considerations

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**7. Handling and storage**

**7.1 Precautions for safe handling:**

Avoid Skin contact, Eye Contact

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

**Requirements for storage rooms and vessels**

Minimum/Maximum recommended storage temperature < 40c.

Store in steel or other suitable metal containers.

Storage life essentially indefinite under normal conditions.

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

Hand and Body Protection : Oil resistant gloves and apron or other suitable protective clothing.

Eyes : Protective safety glasses where splashes are possible.



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### **Eye/face protection:**

The following protection should be worn; Chemical splash goggles (EN166)

### **Hand protection:**

The most suitable gloves should be chosen in consultation with the glove supplier/manufacturer.

Protective nitrile gloves (EN374), minimum layer .+0.4mm

Permeation time (penetration time) in minutes.+480

Protective hand cream recommended.

### **Other skin and body protection.**

Wear suitable clothing as protection against splashing or contamination. Provide an eye wash and shower where necessary.

### **Hygiene measures**

Wash hands at the end of each work shift and before eating, smoking or using the toilet. Wash promptly with soap and water if skin becomes contaminated. Promptly remove any clothing that becomes contaminated. When using do not eat, drink or smoke.

### **Respiratory protection**

If ventilation is inadequate, suitable respiratory protection must be worn. Wear a respirator fitted with the following cartridge:

Gas filter, type A2 P2 (EN14387), colour code brown, white.

### Environmental exposure controls

Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to an acceptable level.

## **9: Physical and Chemical Properties**

9.1	Appearance	Light Brown 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	N/A
9.6	Flash point	N/A
9.7	Flammability	Combustible if heat input is sufficient
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	0.96 – 0.98
9.13	Solubility	Insoluble in water. Miscible with most organic solvents
9.14	Viscosity	Variable according to shear rate i.e. pseudoplastic.

## **10. Stability and Reactivity**

### 10.1 Reactivity:

No data available.

### 10.2 Chemical stability:

The product is stable under normal conditions.

### 10.3 Possibility of hazardous reactions:

Under normal conditions of storage and use, hazardous reactions will not occur.

### 10.4 Conditions to avoid:

Stable unless overheated.

**10.5 Incompatible materials:**

Incompatible with strong oxidising agents/Strong acids.

**10.6 Hazardous decomposition products:**

Thermal decomposition or combustion will release undefined organic compounds

**11. Toxicological Information**

**Inhalation**

Unlikely unless heated, vapour could be irritant to respiratory tract.

**Skin Contact**

Prolonged or frequent contact could cause irritation and may lead to dermatitis.

**Eye Contact**

Irritant

**Ingestion**

Unlikely unless deliberate but could cause gastrointestinal irritation.

**Long term exposure**

No detrimental ill effects established from general usage.

**12. Ecological Information**

No direct information but not expected to be dangerous to the environment.

Likely to be slowly biodegradable.

**13 Disposal Considerations**

In accordance with national and local regulations.

Prevent from entering sewers and waterways.

Containers to be disposed of by 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

### **IATA**

Not regulated

### **Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code**

None known

Shipping descriptions may vary based on mode of transport, quantities, temperature of the material, packaging size, and/or origin and destination. It is the responsibility of the transporting organization to follow all applicable laws, regulations and rules relating to the transportation of the material. For transportation, steps must be taken to prevent the load shifting or materials falling, and all relating legal statutes should be obeyed.

## **15. Regulatory Information**

### **15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**

For classification and labelling see section 2. EU Regulations.

#### **National regulations.**

Health and safety at work etc. Act 1974 (as amended).

The control of substances hazardous to health regulations 2002 (SI 2002 No.2677) (as amended).

Control of Substances Hazardous to Health Regulations 2002 (as amended)

**EU legislation**

Dangerous Substance Directive 67/548/EEC

Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, evaluation, Authorisation and Restriction of Chemicals (REACH) (as amended).

Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures (as amended).

**15.2 Chemical safety assessment.**

A chemical safety assessment has been carried out.

Not classed as hazardous for use.

These data are presented in good faith and are believed to be accurate. However, it is for users themselves as to the suitability of the product for their application.

Sources of information used in the compilation of this document includes manufacturers' Material Safety Data Sheets and Labels, CHIP Approved Supply lists, Codes of Practice and Guidance Notes.

**Global Chemical Inventory Status.**

Australia (AICS)	All components are in compliance with chemical notification requirements in Australia
Canada (DSL/NDSL)	All components are in compliance with the Canadian Environmental Protection Act and are present on the Domestic Substances List
China (IECSC)	All components of this product are listed on the inventory of existing chemical substances in China
European Union (REACH)	To obtain the REACH status of the component chemicals for this product, please email REACH@SDSinquiries.com
Japan(ENCS)	All components are in compliance with the chemical substance control law of Japan
Korea (ECL)	All components are in compliance in Korea
New Zealand (NZLoC)	All components are in compliance with chemical notification requirements in New Zealand
Philippines (PICCS)	All components are in compliance with the Phillipines Toxic Substances and Hazardous and Nuclear Waste Control Act of 1990 (R.A.6969)
Switzerland (SWISS)	All components are in compliance with the Environmentally Hazardous Substances Ordinance in Switzerland
Taiwan (TCSCA)	All components of this product are listed on the Taiwan Inventory
United States (TSCA)	All components of this material are on the US TSCA Inventory



*Disclaimer*

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Sources of information used in the compilation of this document include manufacturers 'Material Safety Data Sheets' REACH approved supply lists, codes of practice and Guidance Notes.

If this product is used as an additive in the preparation of corrosion preventives, users are reminded that, when mixed with other substances such as solvents, the properties of these must be taken into account when assessing hazards and risks.

To the best of our knowledge, the information contained herein is accurate. However, neither the above-named supplier, nor any of its suppliers, assumes any liability whatsoever for the accuracy or completeness of the information contained herein.

Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.

<b>Date of Amendment</b>	<b>Amendment</b>	<b>Issue no.</b>	<b>Notes</b>
11/02/2014	Revised	1.0	C.Jones (M.D.)
06/09/2016	Revised	2.0	C.Jones (M.D.)
27/09/2018	Revised	3.0	C.Jones (M.D.)
09/01/2020	Format standardised	4.0	S.Lambert