VAPOR TEK LIMITED

Material Safety Data Sheet

Revision2.0 October 2019

Product: **STEELGARD GP (GENERAL PURPOSE) CONCENTRATE**

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

Application: Steelgard GP concentrate is a corrosion preventive compound (Semi solid/Gel).

1.1 Product identifier:

Product name: Steelgard GP concentrate

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
Emergency Telephone Number: +44(0) 07773160675

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 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	01-2119467170-45-0002	N/A
Hydrocarbon waxes, petroleum oxidized, methyl esters, barium salts.	271-673-1	Not available	N/A
Benzenesulfonic acid, mono-C19-28-Alkyl derivatives, sodium salts.	265-155-0	01-2119467170-45	N/A
2-butoxeyethanol	203-905-0	01-2119475108-xxx	N/A

4 First aid measures

4.1 Description of First Aid Measures

General Information

Change contaminated clothing

After Inhalation

Remove exposed person to fresh air if adverse effects are observed.

After Contact with skin.

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

After contact with eyes

Flush thoroughly with water. Remove contact lenses if necessary. Seek medical attention.

After Ingestion

Rinse mouth. Do not induce vomiting. Seek medical attention.

4.2 Most Important symptoms and effects, both acute and delayed

No information available

4.3. Indication of any immediate medical attention and special treatment needed.

No Information available

5. Firefighting measures

5.1 Extinguishing media:

Suitable extinguishing media

Dry powder. Foam. Carbon dioxide (CO2).

Unsuitable extinguishing media

Water – Do not use water jets.

Water ***fog*** may be used to cool containers.

5.2 Special hazards arising from the substance or mixture:

In case of toxic fumes, smoke and carbon monoxide may be released.

5.3 Advice for firefighters:

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

Additional Information

Combustion may release undefined organic compounds.

6. Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures:

Wear suitable protective clothing and gloves – oil resistant

On vapour and aerosol formation use respirator filter type A2, A2P2

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 Personal Precautions:

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

6.4 Reference to other Sections:

See section 13: Disposal considerations

7. Handling and storage

7.1 Precautions for safe handling:

Avoid release to the environment

Avoid Skin contact, Eye Contact

Advice of protection against fire and explosion

Keep away from sources of ignition – No smoking

Avoid aerosol or mist formation

Further information on handling

Avoid: overheating

Processing Temperature: max 40 C

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.

Store separately from strong acids and oxidising agents

Advice on storage compatibility

Do not store with food.

Further information on storage conditions

Maximum Storage Temperature 40 C

8. Exposure Controls/Personal Protection

8.1 Control Parameters:

None of the components have 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 protection equipment as required.

Eye/Face Protection

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

Hard Protection

Wear protective gloves, liquid-tight, oil resistant.

Skin Protection

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	25-40°c
9.6	Flash point	N/A
9.7	Flammability	Combustible
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
9.13	Solubility	Insoluble in water. Miscible with most organic solvents
9.14	Viscosity	N/A

10. Stability and Reactivity

10.1 Reactivity:

The product is stable under storage at normal ambient temperatures and stable unless overheated.

10.2 Chemical stability:

The product is stable under storage at normal ambient temperatures

10.3 Possibility of hazardous reactions:

Thermal decomposition will release undefined organic compounds.

10.4 Conditions to avoid:

Incompatible with strong oxidizing agents

Overheating

10.5 Incompatible materials:

Strong oxidizing agents

10.6 Hazardous decomposition products:

Thermal decomposition will release undefined organic compounds.

11. Toxicological Information

Inhalation

Unlikely unless heated, vapour could be irritant to 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) hydroeated heavy naphthenic	Acute EC50.100 mg/l	Fish	96 hours

12.2 Persistence and degradability:

Not readily biodegradable. Inherently biodegradable.

12.3 Bioaccumulate potential

The product has the potential to bioaccumulate.

12.4: Mobility in soil

Insoluble in water

12.5 Results of PBT and 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.

13 Disposal Considerations

Advice on disposal

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.

Waste Disposal number of waste from residual/unused products

070199 WASTES FROM ORGANIC CHEMICAL PROCESSESS; wastes from the manufacture, formulation, supply and use (MFSU) of basic organic chemicals; wastes not otherwise specified.

Waste Disposal number of used products

070199 WASTES FROM ORGANIC CHEMICAL PROCESSES; wastes from the manufacture, formulation, supply and use (MFSU) of basic organic chemicals; wastes not otherwise specified.

Waste Disposal number of contaminated packaging

150104 WASTE PACKAGING; ABSORBENTS, WIPING CLOTHS, FILTER MATERIALS AND PROTECTIVE CLOTHING NOT OTHERWISE SPECIFIED; packaging (including separately collected municipal packaging waste); metallic packaging

Contaminated packaging

Remove according to the regulations.

---

14. Transport Information

14.1: Land Transport (ADR/RID)

Other applicable information (land transport)

No dangerous goods in sense of this transport regulation.

14.2: Inland Waterways transport (ADN)

Other applicable information (inland waterways transport)

No dangerous goods in sense of this transport regulation.

14.3: Marine Transport (IMDG)

Other applicable information (marine transport)

No dangerous goods in sense of this transport regulation

14.4: Air Transport (IATA)

Other applicable information (air transport)

No dangerous goods in sense of this transport regulation

14.5: Environment hazards

Dangerous for the environment: No

14.6: Special precautions for user

No. Not dangerous goods in the sense of this transport regulation

14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

No. Not dangerous goods in the sense of this transport regulation

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.

Date of Amendment	Amendment	Issue no.	Notes
08/08/2013	First issue	1.0	C.Jones (M.D.)
07/04/2016	Revised	1A	C.Jones (M.D.)
14/11/2019	Format Standardised	2	S. Lambert