VAPOR TEK LIMITED

Material Safety Data Sheet

Revision2.0 January 2020

Product: **CABLEGARD HS**

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

Application: Cablegard HS is a Corrosion preventive compound (Grease-Semi solid/Gel).

1.1 Product identifier:

Product name: Cablegard HS

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 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.

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 (CO2). DO NOT USE WATER JETS.

Water fog may be used to cool containers.

Unsuitable extinguishing media

Water

5.2 Advice for firefighters:
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:
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

7. Handling and storage

7.1 Precautions for safe handling:
Avoid Skin contact and 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.

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:

EU Regulations.

Regulation (EC) No. 2037/2000 Substances that deplete the ozone layer:

None present or none present in regulated quantities

Regulation (EC) No. 850/2004 on persistent organic pollutants:

None present or none present in regulated quantities.

Regulation (EC) No.689/2008 Import and export of dangerous chemicals:

None present or none present in regulated quantities.

Regulation (EC) No. 1907/2006, REACH article 59(1). Candidate list:

None present or none present in regulated quantities.

Directive 2004/37/EC on the protection of workers from the risks related to exposure to carcinogens and mutagens at work:

None present or none present in regulated quantities.

EU. Regulation No. 166/2006 PRTR (Pollutant Release and Transfer Registry), Annex II. Pollutants:

None present or none present in regulated quantities.

Not classed as hazardous for use.

R36/38 Irritating to eyes and skin.

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.

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 Phillippines 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

Abbreviations and Acronyms

ACGH	American Conference of Government Industrial Hygiene
ADR	International Carriage of Dangerous Goods by Road
AICS	Australian Inventory of Chemical Substances
ATEmix	Acute Toxicity Estimate for the mixture
BCF	Bio concentration factor
DMSO	Dimethyl sulfoxide
DSL	Domestic Substance List
C50	Effective concentration that gives a response in 50% of the population
ECHA	European Chemical Agency
ECL	Existing Chemical List
ENCS	Existing and New Chemical Substances
EPA	Environmental Protection Agency
LARC	International Agency for Research on Cancer
IATA	International Air Transport Association
IECSC	Inventory of Existing Chemical Substances
IMDG	International Maritime Dangerous Goods
IP346	A gravity assay used to determine the percentage weight of polycyclic aromatics in oil, via
LC50	A DMSO extraction technique
MARPOL	International Conventions for the Prevention of Pollution from Ships
NDSL	Non Domestic Substance List
NOAEC	No observed adverse effect concentration
NOAEL	No observed adverse effect level
NOEC	No observed effective concentration
NTP	National Toxicology Program
NZLOC	New Zealand Inventory of Chemicals
OECD TG	Organisation for Economic Cooperation and Development Test Guidelines
OSHA	Occupational, Safety, and Health Administration
PBT	Persistent bioaccumulate toxic chemical
PEL	Permissible Exposure Level
PICCS	Philippine Inventory of Chemicals and Chemical Substances
PPE	Personal Protective Equipment
PRTR	Pollutant Release and Transfer Register
REACH	Registration, Evaluation, Authorisation & restriction of Chemicals
SVHC	Substance of Very High Concern
SWISS	Switzerland Chemical Ordinance
TCSCA	Toxic Chemical Substance Control Act
TLV	Threshold Limit Value
TSCA	Toxic Substances Control Act
TWA	Time Weighted Average
vPvB	very Persistent very Bio accumulative

Disclaimer

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

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.

Date of Amendment	Amendment	Issue no.	Notes
06/09/2016	Revised	1.0	C.Jones (M.D.)
14/01/2020	Format standardised	2.0	S.Lambert