

VAPOR-TEK

VAPOR TEK LIMITED

Material Safety Data Sheet

Revision 2.0 October 2019

Product: **VAPOROL & VAPOROL CONCENTRATE**

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

Application: Vaporol is a Corrosion preventive compound/fluid (LIQUID)

1.1 Product identifier:

Product name: Vaporol / Vaporol 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 mixture is not classified as dangerous according to Directive 1999/45/EC

GHS Classification

This mixture is not classified as dangerous according to Regulations (EC) No. 1272/2008

2.2 Label Elements:

Signal word: WARNING

H317/319: May cause Irritation to eyes and skin.

2.3 Other Hazards:

None

3. Composition/Information on ingredients**3.1 Mixtures (Chemical Characterisation)**

A blend of corrosion inhibitors, antioxidants, metals deactivators in a hydro refined naphthenic oil	
Registration number (REACH)	
EU Index number	
EC Number	253-891-5 Amine Carboxylate
CAS	38344-72-8
Content%	10-20%

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

General Information

Change contaminated clothing

After Inhalation

In case of inhalation of decomposition products, affected person should be moved into fresh air and kept Still.

After Contact with skin.

After contact with skin, wash immediately with plenty of water and soap.

Cool in contact with hot product, affected are immediately with plenty of lukewarm water (dip or rinse)

After Contact with eyes

In case of contact with eyes flush immediately with plenty of flowing water for 10 to 15 minutes holding eyelids apart and consult Ophthalmologist

After Ingestion

IF SWALLOWED: Rinse mouth. DO NOT induce vomiting. Call a physician immediately.

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

Extinguishing powder. Foam. Carbon dioxide (CO₂).

Unsuitable extinguishing media

Water

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

Containers externally cooled with water, let water out.

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:

Do not allow to enter into surface water or drains

6.3 Methods and material for containment and cleaning up:

Absorb with liquid binding material (e.g. sand, diatomaceous earth, acid or universal binding agents)

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

Keep container tightly closed. Keep container dry

Avoiding non-ferrous metals, including galvanised steel.

Advice on storage compatibility

Avoiding non-ferrous metals, including galvanized steel

Do not store with strong oxidizing agents and food.

Further information on storage conditions

Maximum Storage Temperature 40 C

8. Exposure Controls/Personal Protection

8.1 Control Parameters:

Additional advice on limit values

To date, no national critical limit values exist

8.2 Exposure Controls:

Protective hygiene measures

Remove contaminated, saturated clothing immediately. Protect skin by using skin protective cream.

When using do not eat or drink. Wash hands before breaks and after work.

Eye/Face Protection

Wear eye/face protection

Hard Protection

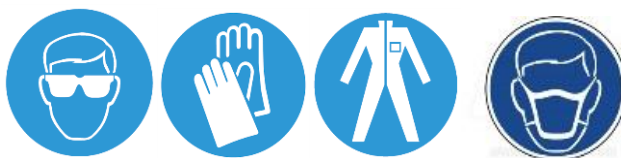
Wear protective gloves, liquid-tight, oil resistant.

Skin Protection

Wear Suitable protective clothing

Respiratory protection

On vapour and aerosol formation use respirator filter type A2, A2/P2 (If in doubt seek advice from your supplier of PPE)



9: Physical and Chemical Properties

9.1	Appearance	Light amber liquid
9.2	Odour	Mild ammoniacal
9.3	PH	Aqueous dispersion 7.0 units
9.4	Boiling point/range	N/A
9.5	Melting point/range	N/A
9.6	Flash point	Greater than >90 deg C
9.7	Flammability	Combustible
9.8	Auto-flammability	Not known
9.9	Explosive properties	N/A
9.10	Oxidising Properties	N/A
9.11	Vapour pressure	N/A
9.12	Relative density	0.91 – 0.93
9.13	Solubility	Insoluble in water

10. Stability and Reactivity

10.1 Reactivity:

The product is stable under storage at normal ambient temperatures

10.2 Chemical stability:

The product is stable under storage at normal ambient temperatures

10.3 Possibility of hazardous reactions:

No known hazardous reactions

10.4 Conditions to avoid:

Strong oxidizing agents

Overheating

10.5 Incompatible materials:

Strong oxidizing agents

Further information

No information available

10.6 Hazardous decomposition products:

N/A

11. Toxicological Information

11.1 Information on toxicological effects

Irritation and corrosivity

Slightly irritant - Irritating to eyes, respiratory system and skin

Sensitising effects

Not sensitising

STOT-single exposure

No target organ toxicity

Severe effects after repeated or prolonged exposure

No information available

Carcinogenic/mutagenic/toxic effects for reproduction

No information available

Aspiration Hazard

No Information available

Specific effects in experiment on an animal

No information available

Additional information on tests

No information available

Practical Experience

Observations relevant to classification

No information available

Other Observations

No information available

Further Information

No information available

12. Ecological Information

12.1 Toxicity:

No information available

12.2 Persistence and degradability:

Not readily biodegradable (according to OECD criteria)

12.3 Bioaccumulate potential

No information available

12.4: Mobility in soil

No information available

12.5 Results of PBT and vPvB assessment:

Not classified as PBT and VpVB

12.6 Other adverse effects.

No information available

13 Disposal Considerations

13.1 Waste treatment methods:

Advice on disposal

Dispose of waste according to applicable legislation. Send to a hazardous waste incinerator facility under observation of official regulations.

Waste Disposal number of waste from residual/unused 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 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 (ICAO)

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

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

National regulatory information

Water contaminating class (D) 1 – slightly water contaminating

Additional Information

16. Other Information

Changes:

The format is REACH and it's amending Regulation (EC) 453/2010.

Added information in all areas.

Classification according to Regulation (EC) No. 1272/2008 CLP

Full text of R phrases referred to under Sections 2 and 3

R36/38 Irritating to eyes and skin.

Further information

Ingredients listed in the following national inventories:

TSCA

EINECS/ELINCS

KECL

IECSC

ENCS (Class 1 and 2)

AICS

DSL/NDSL

PICCS

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
30/09/2015	Labelling R-H Phrase R36/38 –H317/318 May cause skin& eye irritation.	1.0	C.Jones (M.D.)
14/11/2019	Format standardised	2.0	S.Lambert