

SAFETY DATA SHEET	Quick Check Pen (Red) Dynes/cm 40,42,44	SDS Reference 07
Version No. 3	First issue date 29/09/2007	Revision date 14/12/2018

According to Regulation (EC) No' 1272/2008 & 453/2010

1. IDENTIFICATION OF SUBSTANCE / PREPARATION AND COMPANY

1.1 Product Identifier	Quick Check Pen 40,42,44 (Red)		
1.2 Relevant Use(s)/misuse(s)	For wetting tension 40,42,44 dynes/cm		
1.3 SDS Supplier	Vetaphone A/S Fabriksvej 11 Kolding, Denmark DK-6000	WEB: www.vetaphone.com Telephone +4576300333	
1.4 Emergency Telephone No:	+4576300333 (Not 24 hrs)	Competent Person: trevor@rising-hsande.co.uk	

2. HAZARDS IDENTIFICATION

2.1 CLASSIFICATION OF THE MIXTURE

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

Acute Tox. 4 H302

2.1.2 Additional information

See section 16 for full text of Hazard statements

2.2 LABEL ELEMENTS

2.2.1 Labelling in accordance with EC Regulation No 1272/2008 (CLP/GLS)

Pictogram(s):



Signal word

WARNING

Hazard statement(s)

H302 HARMFUL IF SWALLOWED

Precautionary statement(s)

P281 USE PERSONAL PROTECTIVE EQUIPMENT AS REQUIRED.
 P301+312 IF SWALLOW: CALL A POISON CENTER OR DOCTOR/PHYSICIAN IF YOU FEEL UNWELL.

2.3 OTHER HAZARDS

THE PREPARATION CONTAINS SUBSTANCES THAT HAVE A WORKPLACE EXPOSURE LIMIT (WEL)

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Characterisation

AQUEOUS MIXTURE OF ORGANIC SOLVENTS PLUS RED DYE

<u>Hazardous Substances</u>	<u>CAS-No</u>	<u>EINECS/ELINCS</u>	<u>Classification</u>	<u>Concentration</u>
HEXYLENE GLYCOL	107-41-5	203-489-0	Skin Irrit. 2 H315 Eye Irrit. 2 H319	5-10%
2,2'-OXYDIETHANOL	111-46-6	203-872-2	Acute Tox. 4 H302	25-70%

Product Name:

**Quick Check Pen (Red)
40,42,44 Dynes/cm**

SDS Reference

07

4. FIRST AID MEASURES

4.1 Description of measures

Inhalation

Remove casualty to fresh air and provide warmth and rest; if necessary, seek medical advice.

Skin contact

Clean areas of skin affected with soap and plenty of water. Seek medical advice.

Eye contact

Wash out eye thoroughly with plenty of water until irritation subsides. Consult an eye specialist/ophthalmologist.

Ingestion

If product is swallowed, do NOT induce vomiting. Drink plenty of water; if necessary seek medical advice.

4.2 Most important effects/symptoms

None known. .

4.3 Immediate/special treatment

Treatment as described above.

5. FIRE FIGHTING MEASURES

5.1 Extinguishing media

To suit local surroundings (e.g. water spray, carbon dioxide, foam, chemical powder).

5.2 Special hazards

The product is non flammable but combustible. Decomposition products released in a fire should be considered as probably harmful if inhaled.

5.3 Advice for fire fighters

Wear self-contained breathing apparatus

6. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions

Adhere to personal protective measures.

6.2 Environmental precautions

Do not allow to get into waste water or waterways; if this occurs, inform the relevant water authority at once.

6.3 Methods and materials for cleaning up

Take up with absorbent material, e.g. sand, sawdust, into tightly closed containers.. Label container and dispose of as prescribed.

6.4 Reference to other sections

See section 8 for personal protective equipment.

7. HANDLING AND STORAGE

7.1 Precautions for safe handling

Handle in accordance with good hygiene and safety practice. Keep away from incompatible substances.

7.2 Conditions for safe storage

Ensure adequate ventilation of the storage area. Keep containers tightly closed, cool and dry.

7.3. Specific end use(s)

For wetting tension 40,42,44 dynes/cm

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1 Controls parameters

Workplace Exposure Limits (WELs) have been assigned by the HSE (EH40/2005).

LTEL (8 hour TWA): 25 ppm 123 mg/m³ WEL for hexylene glycol

STEL (15min): 25 ppm 123 mg/m³ WEL for hexylene glycol

LTEL (8 hour TWA): 23 ppm 101 mg/m³ WEL for 2.2 oxydiethanol

8. EXPOSURE CONTROLS / PERSONAL PROTECTION**8.2 Exposure controls**

Engineering controls	Provide adequate ventilation (e.g. local exhaust ventilation). Take measures against the build up of static electricity.
Personal protection	Observe normal standards for handling chemicals. Avoid inhalation, and contact with eyes and skin Wear personal protective equipment appropriate to the task (see below)
Eye protection	Safety goggles if splashing
Skin protection	Chemical resistant gloves (also consider your own risk assessment; e.g. breakthrough times, rates of diffusion and degradation, tasks undertaken)
Respiratory protection	Approved respirator (e.g. EN 149:2001 FFP3) if ventilation is insufficient.
Other protection	Protective overall

**9. PHYSICAL AND CHEMICAL PROPERTIES****9.1 Basic physical and chemical properties**

Physical form	Liquid
Colour	Red Food Colour 1%
Odour	Ethereal
pH	Not applicable.
Boiling pt / range	From 245 °C
Melting pt / range	Not determined °C
Flash point	>60 °C
Flammability	Not applicable
Evaporation rate	Not applicable
Explosion limits	Not determined
Auto-ignition temperature	Not applicable
Decomposition temp.	Not applicable
Relative density	Not determined
Viscosity	Not determined
Vapour pressure	Not applicable
Vapour density	Not applicable
Water solubility	miscible
Explosive limits	Lower: 2.0 % (v/v) Higher: 12.3 % (v/v) Data for 2.2 oxydiethanol
Oxidising properties	Not determined

Product Name:

Quick Check Pen (Red)
40,42,44 Dynes/cm

SDS Reference

07

9. PHYSICAL AND CHEMICAL PROPERTIES

Partition coeff. $\text{Log}_{\text{Oct/water}}$ Not determined
9.2 Other information None known

10. STABILITY AND REACTIVITY

10.1 Reactivity Not determined
10.2 Chemical stability Stable under normal conditions of handling.
10.3 Hazardous reactions Not determined
10.4 Conditions to avoid Not determined
10.5 Incompatible material The product is incompatible with bases, acids, strong oxidising agents, copper and its alloys
10.6 Hazardous decomposition products Oxides of carbon and nitrogen.

11. TOXICOLOGICAL INFORMATION

11.1 information on toxicological effects

Acute toxicity	LD ₅₀ rat (oral)	12565	mg/kg	Data for 2.2 oxydiethanol
	LD ₅₀ rabbit (dermal)	11890	mg/kg	Data for 2.2 oxydiethanol
	LD ₅₀ rat (oral)	3700	mg/kg	Data for hexylene glycol
	LD ₅₀ rabbit (dermal)	8560	mg/kg	Data for hexylene glycol
Dermal compatibility	500 mg MLD – rabbit skin (data for 2.2 oxydiethanol)			
Mucous membrane compatibility	50 mg MLD – rabbit eye (data for 2.2 oxydiethanol)			
	93 mg SEV – rabbit eye (data for hexylene glycol)			

12. ECOLOGICAL INFORMATION

12.1 Toxicity LC₅₀ Aquatic organisms mg/l No data available
12.2 Degradability No data available .
12.3 Bioaccumutive potential No data available
12.4 Mobility in soil Not determined
12.5 PBT/vPvB assessment Does not meet criteria.
12.6 Other adverse effects None known.

Product Name:

**Quick Check Pen (Red)
40,42,44 Dynes/cm**

SDS Reference

07

13. DISPOSAL CONSIDERATIONS

13.1 Waste treatment measures

Advice on disposal

In accordance with national and local authority regulations, e.g. The Hazardous Waste (England & Wales) Regulations 2005. Treat empty containers in the same way as the product or if possible wash out thoroughly and recycle.

14. TRANSPORT INFORMATION

14.1 United Nations number ADR, IMDG, IATA

Not classified

14.2 Proper shipping name ADR, IMDG, IATA

Not classified

14.3 Transport class(s) ADR, IMDG, IATA

Not classified

14.4 Packing group ADR, IMDG, IATA

Not classified

14.5 Environmental hazards ADR, IMDG, IATA

The product should NOT be marked as an environmentally hazardous substance

14.6 Special procedures ADR, IMDG, IATA

Not applicable

14.7 Transport in bulk ADR, IMDG, IATA

Not applicable

15. REGULATORY INFORMATION

15.1 Safety, health and environmental regulations

The product is classified in accordance with EC Regulation 453/2010 (CLP) + 1272/2008 (CLP)

Other regulatory information and provisions are not applicable for this product.

15.2 Chemical safety assessment

The product has not been the subject of a Chemical Safety Report

16. OTHER INFORMATION

Further information

The SDS has been revised in accordance with EC Regulation 453/2010 (CLP) + 1272/2008 (CLP)

Risk phrases for the components (given in section 3)

H302: Harmful if swallowed

H315: Causes skin irritation. .

H319: Causes serious eye irritation. .

Sources of data

Other suppliers' safety data sheets, Approved Supply List, EH40/2011

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16. OTHER INFORMATION

The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use.

Users should make their own investigations to determine the suitability of the information for their particular purposes. In no event shall the company be liable for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, insequential, or exemplary damages howsoever arising, even if the company has been advised of the possibility of such damages.

Safety data sheet prepared by Rising HS&E Services.