

Sherman treaters

the corona treatment people

SAFETY DATA SHEET TEST PENS - DISPOSABLE 38 - 44 SDS Reference 06
mN/m

Version No. 2 | **Revision date** 06-08-2003 | **Authorisation date** 08-08-2003

1. IDENTIFICATION OF SUBSTANCE / PREPARATION AND COMPANY

Product Name Surface Tension Testing Solution in Pre-Filled Disposable Pens
Product Usage Printing ink
Company Identification Sherman treaters
Dormer Road
Thame Industrial Estate
THAME OX9 3UW
Telephone 01844 213686
Fax No 01844 217172

2. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Characterisation MIXTURE OF ORGANIC SOLVENTS

<u>Chemical name</u>	<u>CAS-No</u>	<u>EINECS/ELINCS</u>	<u>Classification</u>	<u>Concentration</u>
2,2-OXYDIETHANOL	111-46-6	203-872-2	N.C. (OEL DATA)	80-100%
2-METHYLPENTANE-2,4-DIOL	107-41-5	203-489-0	Xi: R36/38	5-10%

3. HAZARDS IDENTIFICATION

Physical & Chemical:

Health: ACCORDING TO EXPERIENCE, THE PRODUCT IS CONSIDERED TO BE HARMLESS TO HEALTH IF HANDLED IN THE CORRECT MANNER.
THE PRODUCT CONTAINS SUBSTANCES WHICH HAVE AN OCCUPATIONAL EXPOSURE LIMIT (OEL).

Environmental: ACCORDING TO EXPERIENCE, THE PRODUCT IS CONSIDERED TO BE HARMLESS TO THE ENVIRONMENT IF HANDLED IN THE CORRECT MANNER.

4. FIRST AID MEASURES

General information

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; if necessary, seek medical advice.

Eye contact Immediately wash out eye thoroughly with plenty of water until irritation subsides. If necessary (e.g. irritation persists) consult an eye specialist/ophthalmologist.

Ingestion . Drink plenty of water and if necessary seek medical advice.

5. FIRE FIGHTING MEASURES

General hazard	THE PRODUCT IS NON FLAMMABLE BUT COMBUSTIBLE
Extinguishing media	To suit local surroundings (e.g. water spray, carbon dioxide, foam, chemical powder)
Extinguishing media not to be used	
Special exposure hazards	Decomposition products released in a fire should be considered as probably harmful if inhaled.
Protective equipment	Wear self-contained breathing apparatus.
Further information	

6. ACCIDENTAL RELEASE MEASURES

Methods for cleaning up	Adhere to personal protective measures. Take up with absorbent material, e.g. sand, sawdust, into tightly closed containers. Clean area with detergents, avoiding the use of solvents. Label container and dispose of as prescribed.
Environmental considerations	Do not allow to get into waste water or waterways; if this occurs, inform the relevant water authority at once.
Further information	

7. HANDLING & STORAGE

Advice on safe handling	Handle in accordance with good hygiene and safety practice. Keep away from incompatible substances.
Storage conditions	Ensure adequate ventilation of the storage area. Keep containers tightly closed, cool and dry, and away from incompatible substances.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure controls	Monitoring of the workplace should be considered in accordance with EH40 (or equivalent) controls. Data reported according to EH40/2003 LTEL (8 hour TWA): 23 ppm 101 mg/m ³ OES for 2,2'-oxydiethanol LTEL (8 hour TWA): 25 ppm 123 mg/m ³ OES for 2-methylpentane-diol STEL (15 min.): 25 ppm 123 mg/m ³ OES for 2-methylpentane-diol
Engineering controls	Provide local exhaust ventilation.
Personal protection	Observe normal standards for handling chemicals. Wash hands before breaks and after work. Avoid inhalation of vapour and contact with eyes and skin Wear personal protective equipment appropriate to the task (see below)
Eye protection	Safety goggles
Skin protection	Rubber gloves (Also consider your own risk assessment)
Respiratory protection	Approved respirator (e.g. EN 149:2001 FFP3) if ventilation is insufficient.
Other protection	Protective overall

9. PHYSICAL & CHEMICAL PROPERTIES

Physical form	Liquid
Colour	Various
Odour	Not determined.
pH	Not applicable.
Boiling pt / range	From 245 °C
Melting pt / range	Not determined. °C
Flash point	> 55 °C
Specific gravity	Not determined.
Explosive limits	Lower: 2 % (v/v) Higher: 12.3 % (v/v) Data for 2,2'-oxydiethanol
Viscosity	Not determined.
Water solubility	Partially miscible

10. STABILITY & REACTIVITY

Stability	Stable under normal conditions of handling.
Thermal decomposition	Not determined.
Conditions to avoid	Not determined.
Material to avoid	The product is incompatible with strong acids and bases, strong oxidising agents
Hazardous reactions	None known
Hazardous decomposition products	Oxides of carbon

11. TOXICOLOGICAL INFORMATION

Acute toxicity	LD ₅₀ rat (oral) 12565 mg/kg Data for 2,2-oxydiethanol
	LD ₅₀ rat (oral) 3700 mg/kg Data for 2-methylpentane-2,4-diol
Dermal compatibility	465 mg MLD – rabbit skin (data for 2-methylpentane-2,4-diol)
Mucous membrane compatibility	93 mg SEV – rabbit eye (data for 2-methylpentane-2,4-diol)
Further information	

12. ECOLOGICAL INFORMATION

Acute toxicity	LC ₅₀ Fish mg/l No data available.
Degradability	No data available.
Further information	Do not allow to get into waste water or waterways; if this occurs, inform the relevant water authority at once.

13. DISPOSAL CONSIDERATIONS

Advice on disposal	In accordance with national and local authority regulations, e.g. controlled waste.
Contaminated packaging	Treat empty containers in the same way as the product or if possible wash out thoroughly and recycle.

14. TRANSPORT INFORMATION

United Nations number	Not classified for transport.
Packaging group	
IMDG code	
RID / ADR	
Marine pollutant	
Proper shipping name	

15. REGULATORY INFORMATION

Classification & labelling	In accordance with the Chemicals (Hazard Information and Packaging for Supply) Regulations, [CHIP 3], the product is not classified.
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Risk phrases
Safety phrases

16. OTHER INFORMATION

Further information	<u>Risk phrases referred to in section 2</u> R36/38: Irritating to eyes and skin
Sources of data	Other suppliers' safety data sheets, Approved Supply List, EH40
Date of issue	09-08-2003

This information is based on our present state of knowledge and is intended to describe our products from the point of view of the safety requirements. It should not be construed as guaranteeing specific properties.

Data sheet prepared by Rising HS&E Services.