

# Corona Supplies Ltd

for all your corona needs

<b>SAFETY DATA SHEET</b>	<b>Surface Tension Test Ink (Red) Dynes/cm 59-71</b>	<b>SDS Reference</b> 05
<b>Version No.</b> 1	<b>First Issue date</b> 29-09-2007	<b>Revision date</b> 03-06-2008

## 1. IDENTIFICATION OF SUBSTANCE / PREPARATION AND COMPANY

<b>Product Name</b>	<b>Surface Tension Test Ink (Red)</b>		
<b>Product Usage</b>	For wetting tension 59 - 71 dynes/cm		
<b>Company Identification</b>	Corona Supplies Unit G Howland Road Business Park, Thame, Oxon England, OX9 3GQ	WEB: <a href="http://www.coronasupplies.co.uk">www.coronasupplies.co.uk</a>	<b>Telephone</b> 01844 261779 <b>Fax No</b> 01844 358187
<b>Emergency Telephone No.</b>	01844 261779 (Not 24 hrs)	<b>Competent Person:</b> <a href="mailto:sales@coronasupplies.co.uk">sales@coronasupplies.co.uk</a>	

## 2. HAZARDS IDENTIFICATION

**Physical & Chemical:** NON HAZARDOUS

**Health:** ACCORDING TO EXPERIENCE, THE PRODUCT IS CONSIDERED TO BE HARMLESS TO HEALTH IF HANDLED IN THE CORRECT MANNER. THE PRODUCT CONTAINS A SUBSTANCE THAT HAS A WORKPLACE EXPOSURE LIMIT.

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

## 3. COMPOSITION / INFORMATION ON INGREDIENTS

**Chemical Characterisation** AQUEOUS MIXTURE OF ORGANIC SOLVENT AND 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	Xi: R36/38	0 -3%

## 4. FIRST AID MEASURES

<b>Inhalation</b>	No special first aid measures necessary.
<b>Skin contact</b>	Clean areas of skin affected with soap and plenty of water.
<b>Eye contact</b>	Wash out eye thoroughly with plenty of water until irritation subsides. If necessary (e.g. irritation persists) consult an eye specialist/ophthalmologist.
<b>Ingestion</b>	No special first aid measures necessary.

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## 5. FIRE FIGHTING MEASURES

<b>General hazard</b>	THE PRODUCT IS NON FLAMMABLE
<b>Extinguishing media</b>	To suit local surroundings (e.g. water spray, carbon dioxide, foam, chemical powder)
<b>Extinguishing media not to be used</b>	None known
<b>Special exposure hazards</b>	Decomposition products released in a fire should be considered as toxic if inhaled.
<b>Protective equipment</b>	Wear self-contained breathing apparatus.

## 6. ACCIDENTAL RELEASE MEASURES

<b>Methods for cleaning up</b>	Adhere to personal protective measures. Take up with absorbent material, e.g. sand, sawdust, vermiculite into tightly closed containers. Label container and dispose of as prescribed.
<b>Environmental considerations</b>	Do not allow to get into wastewater or waterways. If this occurs, inform the relevant water authority at once.

## 7. HANDLING & STORAGE

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

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

<b>Exposure controls</b>	Workplace Exposure Limits (WELs) have been assigned by the HSE (EH40/2005) LTEL (8 hour TWA): 23 ppm 123 mg/m <sup>3</sup> WEL for hexylene glycol STEL (15min): 23 ppm 123 mg/m <sup>3</sup> WEL for hexylene glycol
<b>Engineering controls</b>	Provide local exhaust ventilation.
<b>Personal protection</b>	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)
<b>Eye protection</b>	Safety goggles
<b>Skin protection</b>	Rubber gloves (also consider your own risk assessment; e.g. breakthrough times, rates of diffusion and degradation, tasks undertaken)
<b>Respiratory protection</b>	Should not be required
<b>Other protection</b>	Protective overall

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## 9. PHYSICAL & CHEMICAL PROPERTIES

<b>Physical form</b>	Liquid
<b>Colour</b>	Red Food Colour 1%
<b>Odour</b>	Not determined.
<b>pH</b>	Not applicable.
<b>Boiling pt / range</b>	From 100 to 195 °C
<b>Melting pt / range</b>	-40 to 0. °C
<b>Flash point</b>	> 100 °C
<b>Specific gravity</b>	Not determined.
<b>Explosive limits</b>	Lower:           % (v/v)           Higher:           % (v/v)
<b>Viscosity</b>	Not determined.
<b>Water solubility</b>	Miscible

## 10. STABILITY & REACTIVITY

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

## 11. TOXICOLOGICAL INFORMATION

<b>Acute toxicity</b>	LD <sub>50</sub> rat (oral)           3700 mg/kg   Data for Hexylene-glycol
	LD <sub>50</sub> rabbit (dermal)   8560 mg/kg   Data for Hexylene-glycol
<b>Dermal compatibility</b>	465 mg MOD – rabbit skin (data for Hexylene-glycol)
<b>Mucous membrane compatibility</b>	24mg MOD – rabbit eye (data for Hexylene-glycol) 93 mg SEV – rabbit eye (data for Hexylene-glycol)
<b>Further information</b>	

## 12. ECOLOGICAL INFORMATION

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

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### 13. DISPOSAL CONSIDERATIONS

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

### 14. TRANSPORT INFORMATION

<b>United Nations number</b>	Not classified for transport.
<b>Packaging group</b>	
<b>IMDG code</b>	
<b>RID / ADR</b>	
<b>Marine pollutant</b>	The product should not be marked as a marine pollutant.

### 15. REGULATORY INFORMATION

<b>Classification &amp; labelling</b>	In accordance with the Chemicals (Hazard Information and Packaging for Supply) Regulations [CHIP 2002] as amended, and the Dangerous Preparations Directive (1999/45/EC) the product is not classified
<b>Risk phrases</b>	
<b>Safety phrases</b>	

### 16. OTHER INFORMATION

**Further information** The SDS has been revised in the following sections: 2; 3; 15

**Risk phrases for the components (given in section 3)**

R36/38: Irritating to eyes and skin

**Sources of data** Other suppliers' safety data sheets, Approved Supply List, EH40/2005

**Date of issue** 29-09-2007

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