

**SAFETY DATA SHEET**  
**GLOBAL SPECTRA RED LAYOUT INK**  
**GB Current 02.08.1999**

SAFETY DATA SHEET Ref No. 10099

**1. PRODUCT AND COMPANY IDENTIFICATION**

**Trade Name** GLOBAL SPECTRA RED LAYOUT INK  
**Manufacturer/Supplier** Global Lubricants Limited  
**Address** 7 Sandwell Business Development Centre, Oldbury Rd,  
Smethwick, West Midlands, B66 1NN, England

**Phone Number** +44 (0) 121 544 3638  
**Fax Number** +44 (0) 121 544 3638  
**Emergency Phone Number** +44 (0) 410 754382

**2. COMPOSITION/INFORMATION ON THE COMPONENTS**

<b>Ingredient Name</b>	<b>CAS No</b>	<b>Contents</b>	<b>Health (class)</b>	<b>Risk (R No)</b>
Ethanol	64-17-5	60-100%		
Methanol	67-56-1	1-5%	T	23/25
2-Methoxy-1-Methylethyl acetate	108-65-6	1-5%	Xi	36

**3. HAZARD IDENTIFICATION**

**Main Hazard** Highly flammable  
Harmful by inhalation and if swallowed

**4. FIRST AID MEASURES (SYMPTOMS)**

**First Aid - Eyes** Rinse the eye with water immediately. Continue to rinse for at least 15 minutes and seek medical attention.

**First Aid - Skin** Remove contaminated clothing. Wash the skin immediately with soap and water. Seek medical attention if any discomfort continues.

**First Aid - Ingestion** Drink plenty of water. Do not give victim anything to drink if he is unconscious. DO NOT induce vomiting. Seek medical attention immediately.

**First Aid - Inhalation** Remove victim immediately from source of exposure. Provide rest, warmth and fresh air. Seek medical attention.

## 5. FIRE FIGHTING MEASURES

<b>Extinguishing Media</b>	Carbon dioxide (CO <sub>2</sub> ), alcohol resistant foam, dry chemicals, powder. DO NOT USE WATER JETS.
<b>Protective measures in fire</b>	Use self contained breathing apparatus.

## 6. ACCIDENTAL RELEASE MEASURES

<b>Personal precautions during spill</b>	Extinguish any naked flames or sources of ignition. If exposure is likely during clean-up operations, wear suitable protective equipment as detailed in Section 8 of this safety data sheet.
<b>Precautions to protect environment</b>	Prevent contamination of ground and water drains. Inform authorities if this has occurred.
<b>Spill Clean up Procedures</b>	Soak up with inert absorbant. Flush area with water.

## 7. HANDLING AND STORAGE

<b>Usage precautions</b>	Keep away from heat, sparks and open flame. Ventilate well, avoid breathing vapours. Use approved respirator if air contamination is above accepted level. Wear protective clothing.
<b>Storage conditions</b>	Store in tightly closed clearly labelled containers in a cool ventilated area.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

<b>Ingredient Name</b>	<b>Cas No</b>	<b>STD</b>	<b>LT EXP (8 hrs)</b>	<b>ST EXP (15 min)</b>
Ethanol	64-17-5	OES	1000 ppm	No std
Methanol	67-56-1	OES	200 ppm (Sk)	250 ppm (Sk)
<b>Process Control Measures</b>			Use engineering controls to reduce air contamination to permissible exposure level.	
<b>Respirators</b>			Respiratory protection must be used if air concentration exceeds acceptable level.	
<b>Eye Protection</b>			Wear approved chemical safety goggles where eye exposure is reasonably probable.	
<b>Other Protection</b>			Change any contaminated clothing.	
<b>Protective gloves</b>			Rubber or plastic.	

## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance</b>	Liquid
<b>Colour</b>	Varying
<b>Odour / Taste</b>	Mild (or faint), Characteristic, Alcohol.
<b>Flash Point (°C)</b>	<21
<b>Solubility in Water</b>	Soluble in water
<b>pH Value, conc</b>	N/A
<b>pH value</b>	N/A

## **10. STABILITY AND REACTIVITY**

<b>Stability</b>	No particular stability concerns.
<b>Conditions to avoid</b>	Sources of ignition, flames and heat.
<b>Materials to avoid</b>	Strong oxidising agents
<b>Hazardous decomposition products</b>	Carbon Dioxide (CO <sub>2</sub> ), Carbon Monoxide (CO)

## **11. TOXICOLOGICAL INFORMATION**

<b>Inhalation</b>	Drowsiness, dizziness, disorientation, vertigo.
<b>Ingestion</b>	Nausea, vomiting, drowsiness, dizziness, disorientation, vertigo.
<b>Skin</b>	Irritating to skin
<b>Eyes</b>	Irritating to eyes
<b>Health warnings</b>	Eye contact - irritating to eyes. Skin contact – irritating to skin. Not known.

## **12. ECOLOGICAL INFORMATION**

<b>Environmental hazards</b>	Little danger to environment.
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## **13. DISPOSAL**

<b>Disposal methods</b>	Do not allow to run off to sewer, waterway or ground. Confirm disposal procedures with environmental engineer and local regulations.
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## **14. TRANSPORT INFORMATION**

<b><u>Road</u></b>	
UN No:	1993
Hazard No: (ADR)	33
ADR Item NO:	31b
Hazchem Code	2YE
<b><u>Rail</u></b>	
<b><u>Sea</u></b>	
UN Sea	1993
Sea Transport Class No:	3.2
EmS No:	3-06
Marine pollutant	No
Sea Pack GR:	11
MFAG Table No:	305
<b><u>Air</u></b>	
UN Air	1993

## **15. REGULATORY INFORMATION**

<b>Classification</b>	Highly flammable and harmful.
<b>Risk phrases</b>	R11 Highly flammable. R20/22 Harmful by inhalation and if swallowed.
<b>Safety phrases</b>	S2 Keep out of reach of children S9 Keep container in a well ventilated place. S16 Keep away from sources of ignition – no smoking S46 If swallowed seek medical advice immediately and show this container label. S51 Use only in well ventilated areas.
<b>Statutory instruments</b>	The Classification, Packaging and Labelling of dangerous Substances Regulations 1984 (SI 1244). The Health & Safety at Work Act 1974.
<b>Approved code of practice</b>	The Control of Substances Hazardous to Health.
<b>Guidance Notes</b>	Occupational Exposure Limits EH40.

## **16. OTHER INFORMATION**

<b>Information sources</b>	Croner's: Dangerous Substances
<b>Revision No / Replaces MSDS Issued</b>	1
<b>MSDS No:</b>	113028
<b>Date</b>	14-05-98
<b>Legal Disclaimer</b>	The above information is believed to be correct but does not purport to be all inclusive and shall be used as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.