



**PRODUCT NAME: HYDROBREAK PLUS**

**SECTION 1: PRODUCT INFORMATION**

Company: Technosol Ltd, Willowyard Ind Estate Beith KA15 1LN UK  
Distributed By: INOMA Ltd., post box 650, Tyumen City, Russia, 625037  
Company Phone Number: +372 5161403  
Distributed Phone Number: +73452 239500  
Date Prepared: 4/1/05  
Hazard Rating (Zero=Insignificant 1=Slight 2=Moderate 3=High 4=Extreme)  
Fire: 0 Health: 1 Reactivity: 0

**SECTION 2: INGREDIENTS**

PRINCIPLE HAZARDOUS INGREDIENTS:	TLV	%
Glycol Ether DB (CAS # 112-34-5)	N/E	<15%
Surfactant blend	N/E	<3%

**SECTION 3: HEALTH HAZARD INFORMATION**

Route(s) of entry	Eyes? yes	Skin? yes	Inhalation? yes	Ingestion? yes
Health Hazards:	Eyes – May cause irritation			
	Skin – May cause irritation			
	Inhalation – Excessive exposure may cause respiratory irritation.			
	Ingestion – Large amounts may be harmful			
Carcinogenicity:	NTP? No	OSHA? No	IARC Monograph? No	

**SECTION 4: EMERGENCY AND FIRST AID PROCEDURES**

Eyes..... Flush thoroughly with water for 15 minutes,. Get medical attention  
Skin..... Flush thoroughly with water for 15 minutes,. Get medical attention if irritation occurs.  
Inhalation... Move to fresh air .Get medical attention if irritation occurs.  
Ingestion... Do not induce vomiting unless directed to do so by medical personnel. If irritation occurs get medical attention.

**SECTION 5: FIRE, EXPLOSION & REACTIVITY DATA**

**Flash Point:** None up to 65°C  
**Extinguishing Media:** Product is not flammable. Use after, carbon dioxide, dry powder or other media appropriate for materials actually involved in fire.  
**Special Fire Fighting Procedures:** None  
**Unusual Fire and Explosion Hazards:** None

**SECTION 6 - ACCIDENTAL RELEASE MEASURES**

**SMALL SPILL:** may be flushed into a waste treatment sewer where local regulations permit

**LARGE SPILL:** should be collected for reuse or consigned to a licensed hazardous waste hauler for disposal in accordance with federal, state and local regulations.

**SECTION 7. PRECAUTIONS FOR HANDLING AND STORAGE**

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# MATERIAL SAFETY DATA SHEET

## HYDROBREAK® PLUS

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Store out of reach of children. Keep container closed. Store in a cool, dry location. Avoid freezing or extended storage in high temperatures and away from strong oxidizers and acid products.

### SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Airborne Exposure Limits..... None established.

Ventilation System..... Room ventilation is normally satisfactory. Mechanical assist may be required when vapors or mist are generated.

Personal Respirators..... Respirator recommended if product is misted. Use NIOSH/MSHA approved respiratory protection.

Skin Protection..... Rubber gloves are recommended & other clothing that will prevent contact with this product..

Eye Protection..... Use chemical goggles or full face shield

### SECTION 9: PHYSICAL DATA

Boiling Point(°C).....100° Specific Gravity (H<sub>2</sub>O= 1).....1,042-1,046

Vapor Pressure(mmHg.).....N/D Percent Volatile by Volume.....N/D

Vapor Density(AIR=1).....N/D pH(RTU).....(6,0-7,0)

Solubility in Water.....Complete

Appearance & Odor.....Clear yellow liquid.

### SECTION 10: STABILITY AND REACTIVITY

**Stability:** Stable

**Chemical Incompatibility:** Avoid strong oxidizing materials.

**Hazardous Decomposition or Byproducts:** Exposure to fire may liberate carbon dioxide, carbon monoxide, organic acids and other unidentified thermal decomposition products from this product or its packaging.

**Hazardous Polymerization:** Will not occur

**Conditions to Avoid:** None known.

### SECTION 11. TOXICOLOGICAL INFORMATION

The calculated LD50 of the product is >5,000 mg/kg (oral/rat). This product may cause eye and skin irritation upon prolonged contact.

### SECTION 12. ECOLOGICAL INFORMATION

Environmental Fate.....No information found.

Environmental Toxicity..... No information found.

### SECTION 13. DISPOSAL CONSIDERATIONS

State and local disposal regulations may differ from federal disposal regulations. Dispose of container and unused contents in accordance with federal, state and local requirements.

### SECTION 14. TRANSPORTATION

T.D.G. Classification.....Not regulated under TDG

D.O.T. Classification.....Not regulated under DOT

D.O.P.O.G.\ A.D.R. Classification.....Not regulated under D.O.P.O.G.\ A.D.R.

### SECTION 15. REGULATORY INFORMATION

US Fed.Reg.:

CERCLA - Section 102 (Reportable Quantity) 40 CFR 302 – Not regulated.

CLEAN WATER ACT - Section 311 (Reportable Quantity) 40 CFR 116 – No information is available.

CLEAN AIR ACT - Section 312 (List of Hazardous Air Pollutants) 40 CFR 63 (Subpart C) – No information is available

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EUR GPSG - meets the safety and health.

**SECTION 16. OTHER INFORMATION**

While this information and recommendations set forth herein are believed to be accurate and reliable, it is provided without warranty regarding its accuracy. TECHNOSOL LTD MAKES NO WARRANTY WITH RESPECT HERETO AND DISCLAIMS ALL LIABILITY FROM RELIANCE THEREON. Users must determine safe conditions for use and assume liability for any loss, injury, damage or expense resulting from use of this product.

N/A= Not applicable N/D= Not determined N/E= Not established

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