



## CHIP REGULATIONS Material Safety Data Sheet

PRODUCT SAFETY DATA SHEET for OSL  
Date of Issue 09-05-2003  
Issue No. 2

1. IDENTIFICATION OF THE SUBSTANCE OR PREPARATION AND THE COMPANY/UNDERTAKING  
PRODUCT REFERENCE No. OSL

PRODUCT NAME OIL FIX

INTENDED USE For Professional Use only

SUPPLIER Tough Technology Products Limited  
Eaton Place Business Centre  
114 Washway Road,  
Sale,  
Cheshire,  
M33-7RF  
Emergency Tel: 0161 9699939

2. COMPOSITION/INFORMATION OF INGREDIENTS

Substances presenting a Health or Environmental hazard within the meaning of the  
Chemicals (Hazard Information & Packaging) Regulations 1994 as amended.

Substance Name	ENICS	CAS No	%age Range	Symbol letter	Risk Phrases(*)
(*) For full text of Risk Phrases see Section 16 'Other Information'16					

3. HAZARDS IDENTIFICATION

Prolonged or repeated exposure to products containing refined mineral oil or HBPF  
distillates may result in dermatitis unless good personal hygiene is used.

Classification

Risk Phrases  
No appropriate phrases

'P' Phrases  
Do not breathe Vapour or Spray

4. FIRST AID MEASURES

GENERAL In all cases of doubt or when symptoms persist seek medical attention. Never give anything by mouth to an unconscious person.

INHALATION Remove to fresh air, keep warm and at rest. If breathing is irregular or stopped give artificial respiration. Give nothing by mouth. If unconscious place in recovery position and seek medical advice.

EYE CONTACT Contact lenses should be removed. Irrigate copiously with clean, fresh water for at least 10 mins. holding the eyelids apart, seek medical advice.

SKIN CONTACT Remove contaminated clothing. Wash skin thoroughly with soap and water or use a proprietary skin cleaner. Do NOT use solvents or thinners.

INGESTION If accidentally swallowed obtain immediate medical attention. Keep at rest. Do NOT induce vomiting.

## 5. FIRE FIGHTING MEASURES

### EXTINGUISHING MEDIA

RECOMMENDED Carbon dioxide, Dry Powder, Halogenated Hydrocarbons, Sand, Foam.

NOT TO BE USED Water.

### SPECIAL INSTRUCTIONS FOR FIRE FIGHTING PERSONNEL

Fire will produce dense black smoke containing hazardous products of combustion (see Section 10). Decomposition products may be a hazard to health. Appropriate self-contained breathing apparatus may be required. Cool closed containers exposed to fire with a water spray. Do not allow run off from fire fighting to enter drains or watercourses.

## 6. ACCIDENTAL RELEASE MEASURES

Exclude sources of ignition and ventilate the area. Exclude non-essential personnel. Avoid breathing vapours. Refer to protective measures listed in sect. 7&8.

Contain and collect spillages with non-combustible absorbent materials e.g. sand, earth and place in suitable container for disposal in accordance with the waste regulations.

The contaminated area should be cleaned up immediately with a suitable decontaminant which should be allowed to stand for several days in a non-sealed container until no further reaction occurs.

One possible (flammable) decontaminant is water (45%), ethanol or isopropanol (50%), conc' (d:0.880) ammonia sol'n(5%). Non-flammable alternative is sodium carbonate (5%), water (95%). All %'s by Vol.

Do not allow large quantities to enter drains or watercourses. If it does, local water companies should be contacted, in case of contamination of streams rivers or lakes the National Rivers Authority

## 7. STORAGE & HANDLING

### Handling

Keep container tightly closed. Never use pressure to empty, container is not a pressure vessel. Always keep in containers made of the same material as the supply container.

Avoid skin & eye contact. For personal protection see Sect.8. Good housekeeping and regular removal of waste materials will minimise risks.

Do not use in areas where potential sources of ignition exist.

Electrical equipment should be protected to the appropriate standard.

Use non-sparking tools & exclude sources of heat, sparks & flames

### Storage

Observe the label precautions. Store between 5 & 30°C in a dry well ventilated place away from sources of heat, ignition and direct sunlight.

No smoking.

The principles contained in the HSE's guidance note Storage of Packaged Dangerous substances should be observed when storing this product.

Store in accordance with the conditions of the licence, which is necessary under the Petroleum (Consolidation) Act. See the HSE guidance note Storage of Flammable Liquids in Containers.

For further guidance see the HSE guidance note Storage of Flammable Liquids in Containers.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

### Engineering Measures

Provide adequate ventilation. Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction.

If extraction methods are insufficient to maintain concentrations of particulates and/or solvent vapours below relevant OEL's, suitable respiratory protective equipment should be worn.

### Exposure Limits

Notation	Occupational Exposure Limits			
	8hr LTEL		15min STEL	
Substance Name	ppm	mg/m <sup>3</sup>	ppm	mg/m <sup>3</sup>
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### NOTES

Notations = Sk - risk of absorption through skin Sen - respiratory sensitizer Bmgv - Biological Monitoring may be appropriate (see Biological Monitoring Guidance Value in EH40 Table 3)

OES = Occupational Exposure Standard MEL = Maximum Exposure Limit.

OEL's are from EH40 except where marked SUP which are assigned by the supplier of the substance.

\*=OES given in mg/cubic metre - no figures available for parts per million

### Personal Protection

#### General Protection

If exposure to hazardous substances identified above cannot be controlled by provision of local exhaust ventilation & good general extraction, suitable respiratory protective equipment should be worn.

#### Respiratory Protection

All PPE, including RPE, used to control exposure to hazardous substances must be selected to meet the requirements of the COSHH regulations.

#### Hand Protection

Full physical protection is best. Seek relevant advice from glove manufacturers. Barrier cream may be of help but should not be applied after exposure has occurred.

#### Eye Protection

Eye protection designed to protect against liquid splashes should be worn.

#### Skin Protection

Cotton or cotton/synthetic overalls or coveralls are normally suitable. Grossly contaminated clothing should be removed and the skin washed with soap & water or a proprietary skin cleaner.

## 9. PHYSICAL & CHEMICAL PROPERTIES

PHYSICAL STATE CLEAR AMBER LIQUID

FLASH POINT > 55°C

Method: Pensky-Martens  
Apparatus to British  
Standard BS 6664 Pt.5

VISCOSITY Method:

SPECIFIC GRAVITY 0.90 gms/cc Method: Hydrometer

VAPOUR DENSITY

LOWER EXPLOSION LIMIT

SOLUBILITY IN WATER IMMISCIBLE

TEST FIELD 1

TEST FIELD 2

10. STABILITY & REACTIVITY

In a fire, hazardous decomposition products such as smoke, carbon monoxide, carbon dioxide, and oxides of nitrogen, hydrogen cyanide, amines and alcohols may be produced.

In a fire, hazardous decomposition products such as smoke, carbon monoxide, carbon dioxide, and oxides of nitrogen may be produced.

Keep away from oxidising agents and strongly alkaline and acid materials to prevent the possibility of an exothermic reaction.

Uncontrolled exothermic reactions occur with amines and alcohols.

The product reacts slowly with water evolving carbon dioxide. In closed containers, pressure builds and can result in distortion, blowing and in extreme cases bursting of the container.

11. TOXICOLOGICAL INFORMATION

There is no data available on the product itself.

Repeated or prolonged contact with the product may lead to removal of natural fats from the skin resulting in non-allergic contact dermatitis and absorption through the skin.

12. ECOLOGICAL INFORMATION

There is no data available on the product itself.

Large quantities of the product should not be allowed to enter drains or watercourses or be deposited where it can affect ground or surface waters.

The Air Pollution Control requirements of regulations made under the Environmental Protection Act may apply to the use of this product.

13. DISPOSAL CONSIDERATIONS

Residues in emptied containers should be neutralised with decontaminant (see sect. 6)

Do not allow large quantities to enter the drains or water courses or dispose of where ground or surface waters may be affected.

Wastes, including emptied containers, are controlled wastes and should be disposed of in accordance with regulations made under the Control of Pollution & Environmental Protection Acts.

14. TRANSPORT INFORMATION

Road/Rail	UN No.....	Packing Group...	Class.....
	Designation...		
Sea	Packing Grp.<=30lts....	Packing Grp.>30lts.....	
	Class.....		
	Marine Pollutant.....	UN Number.....	
	Ems.....	MFAG.....	
	Main Risk.....		
	Sub Risk.....		
	Shipping Name.		

Air	Packing Grp.<=30lts....	Packing Grp.>30lts.....
	Class.....	
	UN/IATA ID Number.....	
	Main Risk.....	
	Sub Risk.....	
	Shipping Name.	
International	Packing Group.....	Class.....
Road/Rail	Item Number.....	UN Number.....
	Main Risk.....	
	Sub Risk.....	
	Shipping Name.	

15. REGULATORY INFORMATION

The product is classified and labelled for supply in accordance with the Chemicals (Hazard Information & Packaging) Regulations as follows.

Classification

Contains

Risk Phrases

No appropriate phrases

Safety Phrases

No appropriate phrases

'P' Phrases

Do not breathe Vapour or Spray

The information contained in this Safety Data Sheet does not constitute the user's own assessment of the workplace risks as required by other health & safety legislation.

The provisions of the Health & Safety at Work etc. Act and the Control of Substances Hazardous to Health Regulations apply to the use of this product at work.

16. OTHER INFORMATION

Text of any Risk Phrases listed in Section 2

Date of Origination 19/02/97

Date of last revision 09/05/03

The information contained in this safety data sheet is provided in accordance with the requirements of the Chemicals (Hazard Information & Packaging) Regulations

The product should not be used for purposes other than those shown in sect.1 without first referring to the supplier and obtaining written instructions.

As the specific conditions of use of the product are outside of the supplier's control, the user is responsible for ensuring that the requirements of relevant legislation are complied with.

The information contained in this Safety Data Sheet is based on the present state of knowledge and current national legislation.

It provides guidance on health, safety and environmental aspects of the product and should not be construed as any guarantee of technical performance or suitability for particular applications.

Further information and relevant advice can be found in:-

The Control Of Substances Hazardous to Health Regulations 1988 (SI

1988:

1657)

The Manual Handling Operations Regulations 1992 (SI 1992: 2793)

Storage of Flammable Liquids in Containers. HS(G)51

Storage of Packaged Dangerous Substances. HS(G)71

The Environmental Protection (Duty of Care) Regulations 1992 (SI 1988: 2839)