

## Machine Lube HD

### 1. IDENTIFICATION OF THE SUBSTANCE / MIXTURE AND OF THE COMPANY / UNDERTAKING

#### 1.1 Product Identifier

Material name : Machine Lube HD  
Product code :

#### 1.2 Relevant identified uses of the substance or mixture and uses advised against

Product use : Lubricant

#### 1.3 Details of the supplier of the safety data sheet

Manufacturer/Supplier: IMG Ltd.,  
Unit M  
Riverside Industrial Estate  
Fazeley  
Tamworth  
B78 3RW

Tel. : 01827 283322  
Fax. : 01827 250143

Email (for SDSs) : sales@img-limited.co.uk

1.4 Emergency tel. no. : 01827 283322 (Available from 08.30 – 17.00 hours).

### 2. HAZARDS IDENTIFICATION

#### 2.1 Classification of the substance or mixture

According to 1272/2008/EC: Classification, Labelling and Packaging of Substances and Mixtures (CLP) Regulation:

Physical and Chemical Hazards	Not classified
Human health	Not classified
Environment	Not classified

#### 2.2 Label elements

Labelling according to EC Directives: 1272/2008/EC

Signal word: None required

Pictogram(s): None required

#### Hazard

Statements: None required

#### Precautionary

Statements:	P264	Wash skin thoroughly after handling.
	P501	Dispose of in accordance with local/national regulations.

2.3 Other hazards : This material is not classified as PBT or vPvB.

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

#### 3.2 Mixtures:

##### Hazardous components

Chemical Name	CAS No./ EC No./ Reg. No	Classification (1272/2008/EC)	Content
SEVERELY HYDROCRACKED MINERAL OIL	- - -	Not classified but has a WEL	>90%

**Other information:** also contains inert rheological agents.

(1272/2008/EC: Classification, Labelling and Packaging of Substances and Mixtures (CLP) Regulation).

### 4. FIRST AID MEASURES

#### 4.1 Description of first aid measures

**General advice:** Remove casualty from exposure ensuring one's own safety whilst doing so. Take off any contaminated clothing and shoes/boots immediately. Never give anything by mouth to an unconscious person.

**Skin contact:** Wash with soap and water. Seek medical advice if irritation develops.

**Eye contact:** Rinse with water for 10 minutes and seek medical advice if irritation persists.

**Ingestion:** Rinse mouth with water and give water to drink. Do not induce vomiting. Seek medical advice.

**Inhalation:** Due to the product's physical properties, no undue effects in normal circumstances, if affected remove to fresh air and seek medical advice.

**4.2 Most important symptoms and effects, both acute and delayed:** May cause irritation to skin and eyes with prolonged or repeated contact.

**4.3 Indication of any immediate medical attention and special treatment needed:** See skin and eye contact information above.

### 5. FIRE-FIGHTING MEASURES

#### 5.1 Extinguishing media

Suitable extinguishing media: Carbon dioxide; dry chemical powder; alcohol or polymer foam.

Unsuitable extinguishing media: High volume water jet

#### 5.2 Special hazards arising from the substance or mixture

Specific hazards during fire-fighting: Irritating/toxic fumes may be released at elevated temperatures.

#### 5.3 Advice for fire-fighters:

Special protective equipment: Wear self-contained breathing apparatus. Use personal protective equipment.

Further information: Standard procedure for chemical fires. Use water spray to cool unopened containers. Do not allow fire run-off to enter drains.

## 6. ACCIDENTAL RELEASE MEASURES

### 6.1 Personal precautions, protective equipment and emergency procedures

Evacuate personnel to safe areas. Mark out the contaminated area with signs and prevent access to unauthorised personnel. Spillage presents a slip hazard. Use personal protective equipment to deal with spillage.

### 6.2 Environmental precautions

Contain the spillage using sufficient appropriate absorbent material. Do not discharge into drains or rivers, but if contamination to waterways has occurred, inform local authorities.

### 6.3 Methods and materials for containment and cleaning up

Wipe up any liquid spillage with absorbent material such as sand, earth, or vermiculite, and place in a labelled container for disposal in accordance with local/national regulations.

### 6.4 References to other sections

See sections 8 and 13 for personal protection and disposal information.

## 7. HANDLING AND STORAGE

### 7.1 Precautions for safe handling

Avoid contact with skin and eyes. Handle with care.

### 7.2 Conditions for safe storage, including any incompatibilities

Store in a cool, well ventilated area. Protect from frost, heat and sunlight. Incompatible with oxidising agents. Keep away from food, drink and animal feed.

7.3 Specific end use(s): No information available.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

### 8.1 Control parameters

Chemical name	8hr TWA	15min STEL	Information
SEVERELY HYDROCRACKED MINERAL OIL	5 mg/m <sup>3</sup>	10 mg/m <sup>3</sup>	As oil mist

### 8.2 Exposure controls

**Engineering measures:** Ensure there is sufficient ventilation of the area.

**Personal protective equipment**

**Respiratory protection:** Unlikely to be necessary.

**Hand protection:** Chemically-resistant gloves; check with glove manufacturer for specific advice.

**Eye protection:** Tightly-fitting safety goggles.

**Skin and body protection:** Protective overalls.

**Hygiene measures:** Handle in accordance with good industrial hygiene and safety practices. Do not eat or drink whilst using the product. Wash hands before breaks and at the end of the work day. Wash contaminated clothing before re-use.

**Environmental exposure controls:** Do not discharge into drains or rivers.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### 9.1 Information on basic physical and chemical properties

State and colour	Colourless, translucent grease
Odour	Odourless
Odour Threshold	No data available
Flammability	Non-flammable
Flash point	>165°C
Lower explosion limit	No data available
Upper explosion limit	No data available
Explosive properties	Not explosive
Thermal decomposition	No data available
Auto-ignition temperature	No data available
Oxidising properties	Non-oxidising
Solubility in water	Insoluble
Solubility in other solvents	Not determined
pH	Not applicable
Melting point/range	Not determined
Boiling point/range	No data available
Density	0.88-0.9 @ 15°C
Vapour pressure	No data available
Vapour density	No data available
Partition coefficient: n-octanol/water	No data available
Viscosity (kinematic)	No data available
Evaporation rate	No data available

9.2 Other information No data available

## 10. STABILITY AND REACTIVITY

10.1 Reactivity	Generally non-reactive.
10.2 Chemical stability	Stable under normal conditions.
10.3 Possibility of hazardous reactions	None if stored and used as directed.
10.4 Conditions to avoid	Extremes of temperature. Ignition sources.
10.5 Incompatible materials	Strong oxidising agents.
10.6 Hazardous decomposition products	Oxides of carbon. Soot. Black smoke.

### 11. TOXICOLOGICAL INFORMATION

#### 11.1 Information on toxicological effects

<b>Acute toxicity</b>	No data available.
<b>Skin corrosion/irritation:</b>	Not classed as a skin irritant but prolonged or repeated contact may cause irritation or dryness which could lead to dermatitis.
<b>Serious eye damage/eye irritation:</b>	Not classed as an eye irritant.
<b>Respiratory or skin sensitisation:</b>	Not classed as a respiratory or skin sensitizer.
<b>Repeated dose toxicity:</b>	No data available
<b>Carcinogenicity:</b>	No known carcinogens.
<b>Mutagenicity:</b>	Not mutagenic.
<b>Toxicity for reproduction:</b>	Not toxic for reproduction.
<b>Specific target organ toxicity (STOT):</b>	No data available.
<b>Further information:</b>	The product as a whole is unlikely to cause any significant adverse effects, particularly when the advice in Sections 7 and 8 is followed.

### 12. ECOLOGICAL INFORMATION

<b>12.1 Toxicity</b>	No data available.
<b>12.2 Persistence and degradability</b>	Expected to be inherently biodegradable.
<b>12.3 Bioaccumulative potential</b>	Not expected to bioaccumulate.
<b>12.4 Mobility in soil</b>	Insoluble in water. Poor migration through soil.
<b>12.5 Results of PBT and vPvB assessment</b>	Contains no PBT or vPvB substances.
<b>12.6 Other adverse effects</b>	None known.

### 13. DISPOSAL CONSIDERATIONS

#### 13.1 Waste treatment methods

Disposal operations: Dispose of in accordance with local and national regulations. Do not dispose of waste into sewer. Do not dispose of together with household waste. Contact licensed waste disposal company. Empty containers should be taken to an approved waste handling site for recycling or disposal. Do not burn or use a cutting torch on the empty container.

### 14. TRANSPORT INFORMATION

Not classified as hazardous for transport purposes. UN number not required.

## 15. REGULATORY INFORMATION

### 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

#### UK Regulatory References

The Control of Substances Hazardous to Health Regulations 2002 (S.I 2001 No.2677) with amendments.

#### EU Directives

Regulations (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006 with amendments. Regulation EU 453/2010 amending Regulation (EC) No 1907/2006.

#### Statutory Instruments

The Chemicals (Hazard information and Packaging for Supply) Regulations 2009 (S.I 2009 No. 716).

#### Guidance Notes

Health and Safety Executive Workplace Exposure Limits EH40.

Volatile Organic Compounds (VOC) content: 0 g/l. (Directive 1999/13/EC)

### 15.2 Chemical Safety Assessment

A Chemical Safety Assessment has not been performed on this product.

## 16. OTHER INFORMATION

This safety data sheet is prepared in accordance with Regulation EU 453/2010, amending Regulation (EC) No 1907/2006 (REACH - Registration, Evaluation, Authorisation and Restriction of Chemicals).

Tariff number: 34031980

#### Abbreviations and acronyms

CAS: Chemical Abstract Service (division of the American Chemical Society). {Section 3}.

STOT: Single Target Organ Toxicity (Section 3 and 11).

TWA: Time-weighted average. (Section 8).

STEL: Short-term exposure limit. (Section 8).

**Legal disclaimer:** The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.