1 IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY

PRODUCT NAME: JCB WAXOIL-BLACK

PART No.: 11323

SYNONYMS, TRADE NAMES: HAM WOB

SUPPLIER: Hammerite Products Ltd, JCB Service World Parts Centre Waterloo Park Beamhurst Uttoxeter England ST14 5PA

TEL: +44 (0) 1889 590312

FAX: +44 (0) 1889 590546

EMERGENCY TELEPHONE(S): 01661-830000

2 COMPOSITION/INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>INGREDIENT NAME</th>
<th>EINECS No.</th>
<th>CAS No.</th>
<th>CONTENTS</th>
<th>SYMBOL</th>
<th>RISK (R No.)</th>
</tr>
</thead>
<tbody>
<tr>
<td>WHITE SPIRIT</td>
<td>64742-82-1</td>
<td>60-100 %</td>
<td>Xn, N</td>
<td>10, 51/53, 65, 66</td>
<td></td>
</tr>
<tr>
<td>OLEYL IMIDAZOLINE DIOLEATE SALT</td>
<td>68038-16-4</td>
<td>1-5 %</td>
<td>Xi</td>
<td>36/38</td>
<td></td>
</tr>
</tbody>
</table>

The full text for all R-phrases are shown in section 16.

COMPOSITION COMMENTS: A blend of waxes, corrosion inhibitors, aliphatic solvents and bitumen.

3 HAZARDS IDENTIFICATION

Flammable.
Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
Repeated exposure may cause skin dryness or cracking.
The viscosity of this preparation exempts any aspiration hazard.
The classification with regard to CHIP Notas H,J,K,L,M,N and P are applicable.

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: Move the exposed person to fresh air at once. Perform artificial respiration if breathing has stopped. Keep the affected person warm and at rest. Get prompt medical attention.

INGESTION: Keep patient at rest and get medical attention. DO NOT INDUCE VOMITING!

SKIN: Remove contaminated clothing. Wash the skin immediately with soap and water. Do not use solvent or thinners.

EYES: Make sure to remove any contact lenses from the eyes before rinsing. Promptly wash eyes with plenty of water while lifting the eye lids. Continue to rinse for at least 15 minutes and get medical attention.
JCB WAXOIL-BLACK

5 FIRE FIGHTING MEASURES

EXTINGUISHING MEDIA:
Use: Alcohol resistant foam. Carbon dioxide (CO2). Powder. Do not use water jet.

SPECIAL FIRE FIGHTING PROCEDURES:
Keep run-off water out of sewers and water sources. Dike for water control. Cool containers exposed to fire with water spray. Use full protective equipment including self-contained breathing apparatus. Over exposure to decomposition products may cause a health hazard. Symptoms may not be immediately apparent.

UNUSUAL FIRE & EXPLOSION HAZARDS:
Fire will produce dense black smoke containing hazardous products of combustion.

6 ACCIDENTAL RELEASE MEASURES

PRECAUTIONS TO PROTECT ENVIRONMENT:
If the product enters drains or sewers the local water company should be contacted immediately; in the case of contamination of streams, rivers or lakes, the Environment Agency.

SPILL CLEANUP METHODS:

7 HANDLING AND STORAGE

USAGE PRECAUTIONS:
Keep away from heat, sparks and open flame. Avoid spilling, skin and eye contact. To keep the airbourne concentration below the OES when spray painting, or when working in confined spaces use mechanical exhaust ventilation, to control exposure if natural ventilation is insufficient.

STORAGE PRECAUTIONS:
Keep away from heat, sparks and open flame. Keep away from children. Keep in cool, dry, ventilated storage and closed containers.

8 EXPOSURE CONTROLS AND PERSONAL PROTECTION

INGREDIENT NAME | CAS No | STD | LT EXP (8 hrs) | ST EXP (15 min)
--- | --- | --- | --- | ---
WHITE SPIRIT | 64742-82-1 | OES | 100.00 ppm | 125.00 ppm

PROTECTIVE EQUIPMENT:

RESPIRATORS:
Where good natural (or mechanical exhaust) ventilation is not practicable, suitable respiratory equipment must be worn.

PROTECTIVE GLOVES:
Chemical resistant gloves required for prolonged or repeated contact.

EYE PROTECTION:
Wear eye protection if splashes are likely to occur.

HYGIENIC WORK ROUTINES:
Wash promptly with soap & water if skin becomes contaminated.

9 PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: Viscous. Liquid.
ODOUR/TASTE: Characteristic.
SOLUBILITY DESCRIPTION: Immiscible with water.
SPECIFIC GRAVITY (Water=1): 0.8 @ 20 °C
FLASH POINT (°C): 40
AUTO IGNITION TEMPERATURE (°C): 230
FLAMMABILITY LIMIT (upper %): 8

COLOUR: Black.
BOILING POINT (°C): 145 @ 760mmHg
VAPOUR PRESSURE: 3.30 @ 20 °C
FLASH POINT METHOD: CC (Closed cup).
FLAMMABILITY LIMIT (lower %): 0.90
10 STABILITY AND REACTIVITY

STABILITY: Normally stable.
MATERIALS TO AVOID: Strong oxidizing agents. Strong reducing agents. Strong acids. Strong alkalies. to prevent the possibility of an exothermic reaction.
HAZARDOUS DECOMPOSITION PRODUCTS: Toxic gases/vapours/fumes of: Carbon dioxide (CO2). Carbon monoxide (CO). and oxides of nitrogen may be produced.

11 TOXICOLOGICAL INFORMATION

TOXIC DOSE1- LD50: 5000.000mg/kg (oral rat)
TOXICOLOGICAL INFORMATION: Exposure to organic solvent vapours may result in adverse health effects such as irritation of the mucous membrane and the respiratory system and adverse effects on the renal and central nervous systems. Symptoms include headache,dizziness,fatigue,muscular weakness, drowsiness and in extreme cases,loss of consciousness.Repeated or prolonged contact with the product may lead to the removal of natural fats from the skin resulting in non-allergic contact dermatitis and absorption through the skin. Splashes in the eyes may cause irritation and discomfort.

12 ECOLOGICAL INFORMATION

ENVIRONMENTAL HAZARDS: The product should not be allowed to enter drains or watercourses or be deposited where it can affect ground or surface water. The Air Pollution Control requirements of regulations made under the Environmental Protection Act may apply to the use of this product. Toxic to aquatic organisms, may cause long term advers effects in the aquatic environment.
WATER HAZARD CLASSIFICATION: No data available. However see disposal considerations.

13 DISPOSAL CONSIDERATIONS

DISPOSAL METHODS: Dispose of in accordance with Local Authority requirements. Do not allow the product to enter drains or water courses, or be deposited where it can affect ground or surface waters.

14 TRANSPORT INFORMATION

LABEL FOR CONVEYANCE:
ROAD:
HAZARD CLASS (ADR): Class 3: Flammable liquids.
HAZCHEM CODE: F1
PROPER SHIPPING NAME I: PAINT or PAINT RELATED MATERIAL
MARGINAL: LQ7
CEFIC TEC(R) No: 30G35

RAIL:
SEA:
UN SEA: 1263
SEA PACK GR: III
MARINE POLLUTANT: F-E, S-E

SEA TRANSPORT CLASS No: 3
EmS No.: F-E, S-E
### 15 REGULATORY INFORMATION

**LABEL FOR SUPPLY:**

- **DANGEROUS FOR THE ENVIRONMENT**

**RISK PHRASES:**

- **R-10** Flammable.
- **R-51/53** Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
- **R-66** Repeated exposure may cause skin dryness or cracking.

- **S-2** Keep out of reach of children.
- **S-23B** Do not breathe vapour/spray.
- **S-24/25** Avoid contact with skin and eyes.
- **S-26** In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
- **S-29/56** Do not empty into drains, dispose of this material and its container to hazardous or special waste collection point.
- **S-36/37** Wear suitable protective clothing and gloves.
- **S-46** If swallowed seek medical advice immediately and show this container label.
- **S-51** Use only in well ventilated areas.

### 16 OTHER INFORMATION

**USER NOTES:**

DISCLAIMER: The information given in this document has been compiled on the basis of the best available knowledge. It does not imply that the information is complete or accurate in all cases. It is the users responsibility to satisfy themselves as to the application of the information and/or recommendations given for their own particular use. This Safety Data Sheet has been prepared in accordance with the EEC Directive 91/155/EEC. N/A = Not applicable. N/D = Not determined.

**ISSUED BY:** CM  
**REVISION DATE:** 09/2008  
**REVISION No./REPLACES SDS ISSUED:**  
**REV. No.: 1** REPL. SDS GEN.: 03/12/98 No.: 11151

**SDS No.:** 11323  
**R-PHRASES (Full Text):**  
- **R-10** Flammable.  
- **R-36/38** Irritating to eyes and skin.  
- **R-51/53** Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.  
- **R-66** Repeated exposure may cause skin dryness or cracking.  
- **R-65** Harmful: may cause lung damage if swallowed.

**SAFETY DATA SHEET STATUS:** Approved.