



SAFETY DATA SHEET QUALUBE HYDRAULIC HM 46

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product name QUALUBE HYDRAULIC HM 46
Product number HM46

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

Identified uses Hydraulic oil.

1.3. Details of the supplier of the safety data sheet

Supplier WITHAM OIL AND PAINT LTD
 OUTER CIRCLE ROAD
 LINCOLN
 LN2 4HL
 01522 521192
 01522 537030
 01522 560228
 enquires@withamgroup.co.uk

Manufacturer WITHAM OIL AND PAINT LTD
 OUTER CIRCLE ROAD
 LINCOLN
 LN2 4HL
 01522 521192
 01522 537030
 01522 560228
 enquires@withamgroup.co.uk

1.4. Emergency telephone number

Emergency telephone (01522) 521192 Monday to Thursday 8.00am to 5.00pm, Friday 8.00am to 4.30pm.

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification

Physical hazards Not Classified
Health hazards Not Classified
Environmental hazards Not Classified

Classification (67/548/EEC or -
1999/45/EC)

2.2. Label elements

Hazard statements NC Not Classified

2.3. Other hazards

QUALUBE HYDRAULIC HM 46

No significant hazards. Material does not meet the criteria for PBT or vPvB in accordance with REACH annex XIII.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

LUBRICATING OILS;BASEOIL - UNSPECIFIED	30-60%
CAS number: 74869-22-0	EC number: 278-012-2

Classification
Not Classified

DISTILLATES (PETROLEUM), SOLVENT-DEWAXED HEAVY PARAFFINIC; BASEOIL	30-60%
CAS number: 64742-65-0	EC number: 265-169-7

Classification
Not Classified

NON CLASSIFIED COMPONENT	30-60%
CAS number: —	

Classification Not Classified	Classification (67/548/EEC or 1999/45/EC) -
---	---

Zinc Dialkyl Dithiophosphate	<1%
CAS number: 68649-42-3	EC number: 272-028-3

Classification
Eye Dam. 1 - H318
Aquatic Chronic 2 - H411

Mineral oil	<1%
CAS number: —	

Classification Asp. Tox. 1 - H304	Classification (67/548/EEC or 1999/45/EC) Xn; R65
---	---

Alkyl phenol	<1%
CAS number: —	
M factor (Chronic) = 1	

Classification
Skin Irrit. 2 - H315
Aquatic Chronic 1 - H410

QUALUBE HYDRAULIC HM 46

CALCIUM LONG-CHAIN ALKYL PHENATE SULFIDE	<1%
CAS number: 90480-91-4	EC number: 291-829-9
Classification Aquatic Chronic 4 - H413	
POLY(OXYALKYLENE) ALKYL ETHER	<1%
CAS number: 68439-51-0	
Classification Acute Tox. 4 - H302 Acute Tox. 4 - H312 Skin Irrit. 2 - H315 Eye Irrit. 2 - H319	
CALCIUM ALKARYL SULFONATE	<1%
CAS number: 71486-79-8	
Classification Skin Irrit. 2 - H315 Eye Irrit. 2 - H319	Classification (67/548/EEC or 1999/45/EC) Xi; R36/38
Alkaryl amine	<1%
CAS number: —	
Classification Aquatic Chronic 4 - H413	
Phenol, 4-Dodecyl	<1%
CAS number: 104-43-8	EC number: 203-202-9
M factor (Chronic) = 10	
Classification Skin Irrit. 2 - H315 Eye Irrit. 2 - H319 Repr. 2 - H361f Aquatic Chronic 1 - H410	Classification (67/548/EEC or 1999/45/EC) Xi; R36/38. Repr. Cat. 3 R62. N; R50/53

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

Composition comments The data shown are in accordance with the latest EC Directives.

SECTION 4: First aid measures

4.1. Description of first aid measures

General information Remove affected person from source of contamination.

Inhalation Remove affected person from source of contamination. For those providing assistance, avoid exposure to yourself or others. Use adequate respiratory protection. If respiratory irritation, dizziness, nausea, or unconsciousness occurs, seek immediate medical assistance. If breathing stops, provide artificial respiration.

QUALUBE HYDRAULIC HM 46

Ingestion	Get medical attention. Do not induce vomiting.
Skin contact	Wash skin thoroughly with soap and water. If product is injected into or under the skin, or into any part of the body, regardless of the appearance of the wound or its size, the individual should be evaluated immediately by a physician as a surgical emergency. Even though initial symptoms from high pressure injection may be minimal or absent, early surgical treatment within the first few hours may significantly reduce the ultimate extent of injury.
Eye contact	Rinse immediately with plenty of water. Remove any contact lenses and open eyelids wide apart. Continue to rinse for at least 15 minutes. Get medical attention if any discomfort continues.

4.2. Most important symptoms and effects, both acute and delayed

General information	The severity of the symptoms described will vary dependent on the concentration and the length of exposure.
Inhalation	Vapours may cause headache, fatigue, dizziness and nausea.
Ingestion	Harmful: May cause lung damage if swallowed.
Skin contact	Prolonged contact may cause redness, irritation and dry skin.
Eye contact	Irritation of eyes and mucous membranes.

4.3. Indication of any immediate medical attention and special treatment needed

Notes for the doctor	If ingested, material may be aspirated into the lungs and cause chemical pneumonitis. Treat appropriately.
-----------------------------	--

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media	Extinguish with alcohol-resistant foam, carbon dioxide, dry powder or water fog.
Unsuitable extinguishing media	Do not use water jet as an extinguisher, as this will spread the fire.

5.2. Special hazards arising from the substance or mixture

Specific hazards	Toxic gases/vapours/fumes of: Carbon monoxide (CO). Carbon dioxide (CO ₂). Thermal decomposition or combustion products may include the following substances: Toxic gases or vapours.
Hazardous combustion products	Fire creates: Thermal decomposition or combustion products may include the following substances: Acrid smoke or fumes. Aldehydes, Sulphur oxides, Incomplete combustion products, Carbon monoxide (CO). Carbon dioxide (CO ₂).

5.3. Advice for firefighters

Protective actions during firefighting	Evacuate area. Control run-off water by containing and keeping it out of sewers and watercourses.
Special protective equipment for firefighters	Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions	Wear protective clothing as described in Section 8 of this safety data sheet.
-----------------------------	---

6.2. Environmental precautions

QUALUBE HYDRAULIC HM 46

Environmental precautions Spillages or uncontrolled discharges into watercourses must be reported immediately to the Environmental Agency or other appropriate regulatory body. Do not discharge into drains or watercourses or onto the ground.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up Absorb spillage with non-combustible, absorbent material.

6.4. Reference to other sections

Reference to other sections For personal protection, see Section 8. For waste disposal, see section 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Usage precautions Static electricity and formation of sparks must be prevented. Storage tanks and other containers must be earthed.

7.2. Conditions for safe storage, including any incompatibilities

Storage precautions The container choice, for example storage vessel, may effect static accumulation and dissipation. Store in closed original container at temperatures between 5°C and 25°C.

Storage class Unspecified storage.

7.3. Specific end use(s)

Specific end use(s) The identified uses for this product are detailed in Section 1.2.

Usage description AVOID CONTACT WITH SKIN AND EYES.

SECTION 8: Exposure Controls/personal protection

8.1. Control parameters

Occupational exposure limits

Long-term exposure limit (8-hour TWA): WEL 5 mg/m³ mist

Short-term exposure limit (15-minute): WEL 10 mg/m³ mist

DISTILLATES (PETROLEUM), SOLVENT-DEWAXED HEAVY PARAFFINIC; BASEOIL

Long-term exposure limit (8-hour TWA): WEL 5.0 mg/m³ 5.0 mg/m³ inhalable fraction, mist

WEL = Workplace Exposure Limit

DISTILLATES (PETROLEUM), SOLVENT-DEWAXED HEAVY PARAFFINIC; BASEOIL (CAS: 64742-65-0)

DNEL

Workers - Inhalation; local effects: 5.4 mg/m³

Consumer - Inhalation; local effects: 1.2 mg/m³

8.2. Exposure controls

Protective equipment



Eye/face protection

Eyewear complying with an approved standard should be worn if a risk assessment indicates eye contact is possible. Unless the assessment indicates a higher degree of protection is required, the following protection should be worn: Tight-fitting safety glasses.

Hand protection

Chemical-resistant, impervious gloves complying with an approved standard should be worn if a risk assessment indicates skin contact is possible.

QUALUBE HYDRAULIC HM 46

Other skin and body protection	No skin protection is ordinarily required under normal conditions of use. In accordance with good industrial hygiene practices, precautions should be taken to avoid skin contact.
Hygiene measures	Remove contaminated clothing and wash the skin thoroughly with soap and water after work. When using do not eat, drink or smoke. Discard contaminated shoes and clothing.
Respiratory protection	No special requirements under ordinary conditions of use and with adequate ventilation. Respiratory protection must be used if the airborne contamination exceeds the recommended occupational exposure limit.
Environmental exposure controls	Comply with applicable environmental regulations limiting discharge to air, water and soil. Protect the environment by applying appropriate control measures to prevent or limit emissions.

SECTION 9: Physical and Chemical Properties

9.1. Information on basic physical and chemical properties

Appearance	Viscous liquid.
Colour	Brownish.
Odour	Slight.
Flash point	> 200°C PMCC (Pensky-Martens closed cup).
Vapour pressure	<0.1 mm Hg @ 20°C
Solubility(ies)	Insoluble in water.
Viscosity	42-50 cSt @ 40°C

9.2. Other information

Other information	DMSO Extract(mineral oil only), IP-346: < 3% wt.
--------------------------	--

SECTION 10: Stability and reactivity

10.1. Reactivity

Reactivity	See sub sections below.
-------------------	-------------------------

10.2. Chemical stability

Stability	Stable at normal ambient temperatures and when used as recommended.
------------------	---

10.3. Possibility of hazardous reactions

Possibility of hazardous reactions	Will not polymerise.
---	----------------------

10.4. Conditions to avoid

Conditions to avoid	Excessive heat. High energy sources of ignition.
----------------------------	--

10.5. Incompatible materials

Materials to avoid	Strong oxidising agents.
---------------------------	--------------------------

10.6. Hazardous decomposition products

Hazardous decomposition products	None at ambient temperatures.
---	-------------------------------

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Aspiration hazard

QUALUBE HYDRAULIC HM 46

Aspiration hazard Pneumonia may be the result if vomited material containing solvents reaches the lungs.

SECTION 12: Ecological Information

12.1. Toxicity

Toxicity Material not expected to be harmful to aquatic organisms.

12.2. Persistence and degradability

Persistence and degradability Material- expected to be inherently biodegradable.

12.3. Bioaccumulative potential

Bioaccumulative potential The product contains potentially bioaccumulating substances.

12.4. Mobility in soil

Mobility The product is insoluble in water and will spread on the water surface.

12.5. Results of PBT and vPvB assessment

Results of PBT and vPvB assessment This product does not contain any substances classified as PBT or vPvB.

12.6. Other adverse effects

Other adverse effects None known.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

General information Waste should be treated as controlled waste. Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority.

Disposal methods Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority. Empty containers must not be punctured or incinerated because of the risk of an explosion.

Waste class European waste code: 13 02 05

SECTION 14: Transport information

General The product is not covered by international regulations on the transport of dangerous goods (IMDG, IATA, ADR/RID).

14.1. UN number

Not classified as dangerous goods for transport.

14.2. UN proper shipping name

Not applicable.

14.3. Transport hazard class(es)

Not applicable.

14.4. Packing group

Not applicable.

14.5. Environmental hazards

Environmentally hazardous substance/marine pollutant
No.

QUALUBE HYDRAULIC HM 46

14.6. Special precautions for user

14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code Not determined

SECTION 15: Regulatory information

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

National regulations	EH40/2005 Workplace exposure limits. Health and Safety at Work etc. Act 1974 (as amended). Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC, including amendments.
EU legislation	Regulation (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 (as amended).

15.2. Chemical safety assessment

No chemical safety assessment has been carried out.

SECTION 16: Other information

Issued by	Technical manager
Revision date	27/11/2015
SDS number	20524
Hazard statements in full	H302 Harmful if swallowed. H304 May be fatal if swallowed and enters airways. H312 Harmful in contact with skin. H315 Causes skin irritation. H318 Causes serious eye damage. H319 Causes serious eye irritation. H361f Suspected of damaging fertility. H410 Very toxic to aquatic life with long lasting effects. H411 Toxic to aquatic life with long lasting effects. H413 May cause long lasting harmful effects to aquatic life.

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty, guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.