

Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878 Reference number: 23247 Issue date: 29/03/2023 Revision date: 29/03/2023 Version: 1.0

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

1.1. Product identifier

Product form	: Mixture
Product name	: Multivis ECO PC 0W-30
Product code	: 7790
Type of product	: Engine oil
Product group	: Trade product

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

1.2.1. Relevant identified uses

Main use category	: Professional use
Use of the substance/mixture	: Lubricants and additives
Function or use category	: Lubricants and additives

1.2.2. Uses advised against

Restrictions on use

: No specific uses advised against. Use only for the intended applications

1.3. Details of the supplier of the safety data sheet

Manufacturer

Morris Lubricants Castle Foregate SY1 2EL Shrewsbury – Shropshire United Kingdom T +44 (0) 1743 232200 sds@morris-lubricants.co.uk

1.4. Emergency telephone number

Emergency number

: +44 (0) 1743 232200 08.45 - 17.00 GMT

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP]

Not classified

Adverse physicochemical, human health and environmental effects

No additional information available

2.2. Label elements

Labelling according to Regulation (EC) No. 1272/2008 [CLP]

EUH-statements

- : EUH208 Contains Molybdenum polysulphide long chain alkyl dithiocarbamate complex. May produce an allergic reaction.
 - EUH210 Safety data sheet available on request.

2.3. Other hazards

Contains no PBT/vPvB substances \geq 0.1% assessed in accordance with REACH Annex XIII

The mixture does not contain substance(s) included in the list established in accordance with Article 59(1) of REACH for having endocrine disrupting properties, or is not identified as having endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at a concentration equal to or greater than 0,1 %

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SECTION 3: Composition/information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Distillates (Petroleum) hydrotreated heavy paraffinic substance with national workplace exposure limit(s) (BE, BG, CZ, DK, FI, GB, GR, HU, IE, LT, LV, NL, PL, PT, RO, SE, SK, IS, NO, CH)	CAS-No.: 64742-54-7 EC-No.: 265-157-1 EC Index-No.: 649-467-00-8 REACH-no: 01-2119484627- 25, UK-01-1759217276-5	≥ 50 – < 70	Asp. Tox. 1, H304
1-Dodecene, polymer with 1-decene and 1-octene, hydrogenated	CAS-No.: 163149-28-8 EC-No.: 605-315-2	≥ 0.1 – < 30	Asp. Tox. 1, H304
1-Decene, tetramer, mixed with 1-decene trimer, hydrogenated	CAS-No.: 68649-12-7 EC-No.: 614-695-9 REACH-no: 01-2119527646- 33	≥ 0.1 – < 30	Asp. Tox. 1, H304
1-Decene polymer with 1-dodecene, hydrogenated	CAS-No.: 151006-60-9 EC-No.: 604-767-8	≥ 0.1 – < 30	Asp. Tox. 1, H304
Distillates (petroleum) hydrotreated heavy paraffinic	CAS-No.: 64742-54-7 EC-No.: 265-157-1 EC Index-No.: 649-467-00-8 REACH-no: 01-2119484627- 25, UK-01-1759217276-5	≥1-<5	Asp. Tox. 1, H304
distillates (petroleum), solvent-dewaxed light paraffinic; baseoil -unspecified substance with national workplace exposure limit(s) (BE, BG, CZ, DK, FI, GB, GR, HU, IE, LT, LV, NL, PL, PT, RO, SE, SK, IS, NO, CH)	CAS-No.: 64742-56-9 EC-No.: 265-159-2 EC Index-No.: 649-469-00-9 REACH-no: 01-2119480132- 48	≥ 0.1 – < 5	Asp. Tox. 1, H304
bis(nonylphenyl)amine	CAS-No.: 36878-20-3 EC-No.: 253-249-4 REACH-no: 01-2119488911- 28, UK-01-2909071404	≥ 0.1 – < 5	Aquatic Chronic 4, H413
Distillates (petroleum), solvent-dewaxed heavy paraffinic substance with national workplace exposure limit(s) (BE, BG, CZ, DK, FI, GB, GR, HU, IE, LT, LV, NL, PL, PT, RO, SE, SK, IS, NO, CH)	CAS-No.: 64742-65-0 EC-No.: 265-169-7 EC Index-No.: 649-474-00-6 REACH-no: 01-2119471299- 27, UK-01-0119695008-1	≥ 0.1 – < 5	Asp. Tox. 1, H304
paraffin oils (petroleum), catalytic dewaxed heavy	CAS-No.: 64742-70-7 EC-No.: 265-174-4 EC Index-No.: 649-477-00-2 REACH-no: 01-2119487080- 42	≥ 0.1 – < 5	Asp. Tox. 1, H304
Molybdenum polysulphide long chain alkyl dithiocarbamate complex substance with a Community workplace exposure limit	EC-No.: 457-320-2 REACH-no: 01-0000019337- 66	≥ 0.1 – < 1	Skin Irrit. 2, H315 Skin Sens. 1, H317 Aquatic Chronic 3, H412

Comments

: A petroleum product. DMSO extract < 3 % weight (IP 346)

Full text of H- and EUH-statements: see section 16

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SECTION 4: First aid measures	
4.1. Description of first aid measures	
First-aid measures general	: If you feel unwell, seek medical advice.
First-aid measures after inhalation	: Move the affected person away from the contaminated area and into the fresh air. If you feel unwell, seek medical advice.
First-aid measures after skin contact	: Take off contaminated clothing and wash it before reuse. Gently wash with plenty of soap and water.
First-aid measures after eye contact	: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.
First-aid measures after ingestion	: Get medical advice/attention if you feel unwell. Do NOT induce vomiting.
4.2. Most important symptoms and effects,	both acute and delayed
Symptoms/effects after inhalation	: None under normal use. Inhalation may cause irritation (cough, short breathing, difficulty in breathing).
Symptoms/effects after skin contact	: Repeated exposure may cause skin dryness or cracking.
Symptoms/effects after eye contact	: May cause slight irritation.
Symptoms/effects after ingestion	: Although not classified, the product contains mineral oil. If aspirated into the lungs e.g. through vomiting after ingestion, admit to hospital immediately.

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

Treat symptomatically.

SECTION 5: Firefighting measures	
5.1. Extinguishing media	
Suitable extinguishing media Unsuitable extinguishing media	Dry chemical, CO2, dry sand, or alcohol-resistant foam.Do not use a heavy water stream.
5.2. Special hazards arising from the substa	ance or mixture
Explosion hazard Hazardous decomposition products in case of fire	 Heat may build pressure, rupturing closed containers, spreading fire and increasing risk of burns and injuries. Toxic fumes may be released. Carbon monoxide. Carbon dioxide.
5.3. Advice for firefighters	
Precautionary measures fire Firefighting instructions	 Keep container closed when not in use. Prevent fire fighting water from entering the environment. Use water spray or fog for cooling exposed containers.
Protection during firefighting	: Self-contained breathing apparatus.

SECTION 6: Accidental rele	ase measures
6.1. Personal precautions, prot	ective equipment and emergency procedures
General measures	: Clean up any spills as soon as possible, using an absorbent material to collect it.
6.1.1. For non-emergency personne	el la
Protective equipment Emergency procedures	 Wear recommended personal protective equipment. Evacuate unnecessary personnel. Caution : this product can cause the floor to be very slippery.
6.1.2. For emergency responders	

No additional information available

6.2. Environmental precautions

Do not allow to enter drains or water courses. Notify authorities if liquid enters sewers or public waters.

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6.3. Methods and material for containment and cleaning up	
For containment	: Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams.
Methods for cleaning up	: Clear up rapidly by scoop or vacuum. Collect leaking and spilled liquid in sealable containers as far as possible. Absorb remaining liquid with sand or inert absorbent and remove to safe place. Notify authorities if product enters sewers or public waters. This material and its container must be disposed of in a safe way, and as per local legislation.

6.4. Reference to other sections

No additional information available

7.1. Precautions for safe handling	
Additional hazards when processed Precautions for safe handling Hygiene measures	 Not expected to present a significant hazard under anticipated conditions of normal use. Do not eat, drink or smoke when using this product. Wear personal protective equipment. Wash contaminated clothing before reuse. Wash hands and other exposed areas with mild soap and water before eating, drinking or smokin and when leaving work.

Technical measures Storage conditions	 Store in a well-ventilated place. Keep container tightly closed. Do not expose to temperatures exceeding 50 °C/ 122 °F. Keep container closed when not in use. Store in a dry place.
Incompatible products Storage area	 Oxidizing agent. Strong acids. Strong bases. Store in a well-ventilated place.
Special rules on packaging	: Store in a closed container.

7.3. Specific end use(s)

No additional information available

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

8.1.1 National occupational exposure and biological limit values

Distillates (Petroleum) hydrotreated heavy particular	raffinic (64742-54-7)
United Kingdom - Occupational Exposure Limits	
WEL TWA (OEL TWA) [1]	5 mg/m³ 8H
Regulatory reference	EU OEL (Europe).
Molybdenum polysulphide long chain alkyl di	thiocarbamate complex
EU - Indicative Occupational Exposure Limit (IOEL)	
IOEL TWA	10 mg/m³
distillates (petroleum), solvent-dewaxed light	paraffinic; baseoil -unspecified (64742-56-9)
United Kingdom - Occupational Exposure Limits	
WEL TWA (OEL TWA) [1]	5 mg/m³ 8H
Regulatory reference	EU OEL (Europe).

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Distillates (petroleum), solvent-dewaxed heav	y paraffinic (64742-65-0)
United Kingdom - Occupational Exposure Limits	
WEL TWA (OEL TWA) [1]	5 mg/m³ 8H
Regulatory reference	EU OEL (Europe).

8.1.2. Recommended monitoring procedures

No additional information available

8.1.3. Air contaminants formed

No additional information available

8.1.4. DNEL and PNEC

No additional information available

8.1.5. Control banding

No additional information available

8.2. Exposure controls

8.2.1. Appropriate engineering controls

Appropriate engineering controls:

Ensure good ventilation of the work station. Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure.

8.2.2. Personal protection equipment

Personal protective equipment symbol(s):



8.2.2.1. Eye and face protection

Eye protection:

Chemical goggles or face shield

8.2.2.2. Skin protection

Hand protection:

Gloves

8.2.2.3. Respiratory protection

Respiratory protection: No respiratory protection needed under normal use conditions

8.2.2.4. Thermal hazards

No additional information available

8.2.3. Environmental exposure controls

No additional information available

SECTION 9: Physical and chemical properties		
9.1. Information on basic ph	vsical and chemical properties	
Physical state	: Liquid	
Colour	: amber.	
Appearance	: Clear liquid.	
Odour	: mild.	
Odour threshold	: Not available	
Melting point	: Not available	
Freezing point	: Not available	

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Boiling point	: > 320 °C
Flammability	: Not flammable, Heating may cause a fire.
Explosive limits	: Not available
Lower explosion limit	: Not available
Upper explosion limit	: Not available
Flash point	: 180 °C PMCC
Auto-ignition temperature	: Not available
Decomposition temperature	: Not available
pH	: Not available
Viscosity, kinematic	: 53.86 mm ² /s @40C
Solubility	: Material nearly insoluble in water. Soluble in organic solvents.
Partition coefficient n-octanol/water (Log Kow)	: ≈ 7 Not determined. Typical for mineral oil
Vapour pressure	: Not available
Vapour pressure at 50°C	: Not available
Density	: Not available
Relative density	: 0.842
Relative vapour density at 20°C	: Not available
Particle characteristics	: Not applicable

9.2. Other information

9.2.1. Information with regard to physical hazard classes

No additional information available

9.2.2. Other safety characteristics

Additional information

: The product is a complex mixture, the majority of which would not be classed as a VOC. However it cannot be discounted that trace or low levels of VOCs may be present.

SECTION 10: Stability and reactivity

10.1. Reactivity

The product is non-reactive under normal conditions of use, storage and transport.

10.2. Chemical stability

Stable under normal conditions of use.

10.3. Possibility of hazardous reactions

No additional information available

10.4. Conditions to avoid

Extremely high or low temperatures. Moisture.

10.5. Incompatible materials

No additional information available

10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

SECTION 11: Toxicological information 11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008 Acute toxicity (oral) : Not classified (Based on available data, the classification criteria are not met) Acute toxicity (dermal) : Not classified Acute toxicity (inhalation) : Not classified

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bis(nonylphenyl)amine (36878-20-3)	
LD50 oral rat	> 5000 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 401 (Acute Oral Toxicity), Remarks on results: other:
distillates (petroleum), solvent-dewaxed ligh	t paraffinic; baseoil -unspecified (64742-56-9)
LD50 oral rat	> 5000 mg/kg Source: ECHA
LD50 dermal rabbit	> 2000 mg/kg Source: EHCA
LC50 Inhalation - Rat (Dust/Mist)	> 2.18 mg/l Source: ECHA
Distillates (petroleum), solvent-dewaxed hea	vy paraffinic (64742-65-0)
LD50 oral rat	> 5000 mg/kg
LD50 dermal rabbit	> 5000 mg/kg
LC50 Inhalation - Rat	> 5.53 mg/l 4H
Skin corrosion/irritation : Additional information : Serious eye damage/irritation : Respiratory or skin sensitisation : Germ cell mutagenicity : Carcinogenicity : Additional information : Reproductive toxicity : STOT-single exposure : STOT-repeated exposure : Distillates (petroleum), solvent-dewaxed hear LOAEL (oral, rat, 90 days)	Not classified (Based on available data, the classification criteria are not met)Repeated exposure may cause skin dryness or cracking.Not classified (Based on available data, the classification criteria are not met)Not classified (Based on available data, the classification criteria are not met)Not classified (Based on available data, the classification criteria are not met)Not classified (Based on available data, the classification criteria are not met)Not classifiedNot classifiedThis product contains mineral oils which are considered to be severely refined and not considered to be carcinogenic under IARC. All of the oils in this product have been demonstrated to contain less than 3% extractables by the IP346 testNot classified (Based on available data, the classification criteria are not met)Not classified (Based on available data, the classification criteria are not met)Not classified (Based on available data, the classification criteria are not met)Not classified (Based on available data, the classification criteria are not met)Not classified (Based on available data, the classification criteria are not met)Not classified (Based on available data, the classification criteria are not met)Not classified (Based on available data, the classification criteria are not met)Not classified (Based on available data, the classification criteria are not met)Not classified (Based on available data, the classification criteria are not met)Not classified (Based on available data, the classification criteria are not met)Not classified (Based on available data, the classification criteria are not met)Not classified (Based on available data, the cl
NOAEL (dermal, rat/rabbit, 90 days)	 ≈ 1000 mg/kg bodyweight Animal: rabbit, Guideline: OECD Guideline 410 (Repeated Dose Dermal Toxicity: 21/28-Day Study)
Aspiration hazard : Additional information :	Not classified Although not classified, the product contains mineral oil. If aspirated into the lungs e.g. through vomiting after ingestion, admit to hospital immediately.
Multivis ECO PC 0W-30	
Viscosity, kinematic	53.86 mm²/s @40C
Distillates (Petroleum) hydrotreated heavy pa	araffinic (64742-54-7)
Viscosity, kinematic	< 20 mm²/s @40C
Distillates (petroleum), solvent-dewaxed hea	vy paraffinic (64742-65-0)
Viscosity, kinematic	18 mm²/s @40C
11.2. Information on other hazards	
11.2.1. Endocrine disrupting properties	

No additional information available

11.2.2. Other information

Potential adverse human health effects and	:	Based on available data, the classification criteria are not met
symptoms		

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SECTION 12: Ecological information	
12.1. Toxicity	
	Not classified
(acute) Hazardous to the aquatic environment, long-term :	Not classified
(chronic) Not rapidly degradable	
	Based on available data, the classification criteria are not met.
bis(nonylphenyl)amine (36878-20-3)	
EC50 - Crustacea [1]	> 100 mg/l Test organisms (species): Daphnia magna
12.2. Persistence and degradability	
Multivis ECO PC 0W-30	
Persistence and degradability	Not established.
12.3. Bioaccumulative potential	
Multivis ECO PC 0W-30	
Partition coefficient n-octanol/water (Log Kow)	≈ 7 Not determined. Typical for mineral oil
distillates (petroleum), solvent-dewaxed light	paraffinic; baseoil -unspecified (64742-56-9)
Partition coefficient n-octanol/water (Log Pow)	3.9 – 6 Source: IUCLID
12.4. Mobility in soil	
No additional information available	
12.5. Results of PBT and vPvB assessment	
No additional information available	
12.6. Endocrine disrupting properties	
No additional information available	
12.7. Other adverse effects	
No additional information available	
SECTION 13: Disposal considerations	
13.1. Waste treatment methods	

Product/Packaging disposal recommendations European List of Waste (LoW) code HP Code

Not applicable

: Dispose of contents/container to a hazardous or special waste collection point.

: 13 02 05* - mineral-based non-chlorinated engine, gear and lubricating oils

: HP14 - "Ecotoxic:" waste which presents or may present immediate or delayed risks for one or more sectors of the environment

Not applicable

SECTION 14: Transport information					
In accordance with ADR / IMDG / IATA / ADN / RID					
ADR	IMDG	ΙΑΤΑ	ADN	RID	
14.1. UN number or ID number					

Not applicable

Not applicable

Not applicable

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ADR	IMDG	ΙΑΤΑ	ADN	RID
14.2. UN proper shipping	g name	· '		
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
14.3. Transport hazard c	lass(es)	·	·	
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
14.4. Packing group		· ,		
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
14.5. Environmental haz	ards			
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

14.6. Special precautions for user

Overland transport

Not applicable

Transport by sea

Not applicable

Air transport

Not applicable

Inland waterway transport Not applicable

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Rail transport

Not applicable

14.7. Maritime transport in bulk according to IMO instruments

Not applicable

SECTION 15: Regulatory information

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

15.1.1. EU-Regulations

REACH Annex XVII (Restriction List)

Contains no substance(s) listed on REACH Annex XVII (Restriction Conditions)

REACH Annex XIV (Authorisation List)

Contains no substance(s) listed on REACH Annex XIV (Authorisation List)

REACH Candidate List (SVHC)

Contains no substance(s) listed on the REACH Candidate List

PIC Regulation (Prior Informed Consent)

Contains no substance(s) listed on the PIC list (Regulation EU 649/2012 concerning the export and import of hazardous chemicals)

POP Regulation (Persistent Organic Pollutants)

Contains no substance(s) listed on the POP list (Regulation EU 2019/1021 on persistent organic pollutants)

Ozone Regulation (1005/2009)

Contains no substance(s) listed on the Ozone Depletion list (Regulation EU 1005/2009 on substances that deplete the ozone layer)

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Explosives Precursors Regulation (2019/1148)

Contains no substance(s) listed on the Explosives Precursors list (Regulation EU 2019/1148 on the marketing and use of explosives precursors)

Drug Precursors Regulation (273/2004)

Contains no substance(s) listed on the Drug Precursors list (Regulation EC 273/2004 on the manufacture and the placing on market of certain substances used in the illicit manufacture of narcotic drugs and psychotropic substances)

15.1.2. National regulations

United Kingdom

British National Regulations

: GB CLP.

15.2. Chemical safety assessment

No chemical safety assessment has been carried out

SECTION 16: Other information

Abbreviations and acronyms:		
CAS-No.	Chemical Abstract Service number	
CLP	Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008	
ADR	European Agreement concerning the International Carriage of Dangerous Goods by Road	
ATE	Acute Toxicity Estimate	
BOD	Biochemical oxygen demand (BOD)	
COD	Chemical oxygen demand (COD)	
DNEL	Derived-No Effect Level	
EC-No.	European Community number	
ED	Endocrine disrupting properties	
IARC	International Agency for Research on Cancer	
LC50	Median lethal concentration	
LD50	Median lethal dose	
OEL	Occupational Exposure Limit	
РВТ	Persistent Bioaccumulative Toxic	
PNEC	Predicted No-Effect Concentration	
REACH	Registration, Evaluation, Authorisation and Restriction of Chemicals Regulation (EC) No 1907/2006	
SDS	Safety Data Sheet	
STP	Sewage treatment plant	
VOC	Volatile Organic Compounds	
WGK	Water Hazard Class	
vPvB	Very Persistent and Very Bioaccumulative	

Data sources

: ECHA (European Chemicals Agency). 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, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006. Supplier's safety documents.

Training advice

Normal use of this product shall imply use in accordance with the instructions on the packaging.

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Full text of H- and EUH-statements:			
Aquatic Chronic 3	Hazardous to the aquatic environment – Chronic Hazard, Category 3		
Aquatic Chronic 4	Hazardous to the aquatic environment – Chronic Hazard, Category 4		
Asp. Tox. 1	Aspiration hazard, Category 1		
EUH208	Contains Molybdenum polysulphide long chain alkyl dithiocarbamate complex. May produce an allergic reaction.		
EUH210	Safety data sheet available on request.		
H304	May be fatal if swallowed and enters airways.		
H315	Causes skin irritation.		
H317	May cause an allergic skin reaction.		
H412	Harmful to aquatic life with long lasting effects.		
H413	May cause long lasting harmful effects to aquatic life.		
Skin Irrit. 2	Skin corrosion/irritation, Category 2		
Skin Sens. 1	Skin sensitisation, Category 1		

The classification complies with

: ATP 12

Safety Data Sheet (SDS), EU

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.