



OPALJET MILLENIUM 3 5W30

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

Date of issue: 14/02/2013

Revision date: 27/04/2017

Supersedes: 29/07/2014

Version: 5.2

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

1.1. Product identifier

Product form : Mixtures
Product name : OPALJET MILLENIUM 3 5W30
Product code : 120048
Type of product : Lubricants
Product group : Blend

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, Industrial use, Consumer use
Industrial/Professional use spec : Industrial
For professional use only
Function or use category : Lubricants and additives

1.2.2. Uses advised against

No additional information available

1.3. Details of the supplier of the safety data sheet

UNIL LUBRICANTS NV
Bergensesteenweg 713
1600 Sint - Pieters - Leeuw - Belgique-Belgie
T 0032 02 365 02 00
info@unil.com - www.unil.be

1.4. Emergency telephone number

Country	Organisation/Company	Address	Emergency number	Comment
United Kingdom	National Poisons Information Service (Cardiff Centre) Gwenwyn Ward, Llandough Hospital	Penarth CF64 2XX Cardiff	0344 892 0111	

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

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

Aquatic Chronic Not classified

Full text of hazard classes and H-statements : see section 16

Adverse physicochemical, human health and environmental effects

No additional information available

2.2. Label elements

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

No labelling applicable

2.3. Other hazards

Other hazards not contributing to the classification : Avoid release to the environment. Not expected to present a significant inhalation hazard under anticipated conditions of normal use. Not expected to present a significant skin hazard under anticipated conditions of normal use. Not expected to present a significant eye contact hazard under anticipated conditions of normal use. Not expected to present a significant ingestion hazard under anticipated conditions of normal use.

This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII

SECTION 3: Composition/information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

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Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
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	50 - 80	Asp. Tox. 1, H304
Mineral oil*		1 - 10	Asp. Tox. 1, H304
bis(nonylphenyl)amine	(EC-No.) 253-249-4 (REACH-no) 01-2119488911-28	0,1 - 2,5	Aquatic Chronic 4, H413

Full text of H-statements: see section 16

SECTION 4: First aid measures

4.1. Description of first aid measures

- First-aid measures general : If you feel unwell, seek medical advice (show the label where possible). Never give anything by mouth to an unconscious person.
- First-aid measures after inhalation : Assure fresh air breathing. Allow the victim to rest. Obtain medical attention if breathing difficulty persists.
- First-aid measures after skin contact : Remove affected clothing and wash all exposed skin area with mild soap and water, followed by warm water rinse. Seek medical attention if ill effect or irritation develops.
- First-aid measures after eye contact : In case of eye contact, immediately rinse with clean water for 10-15 minutes. Contact ophthalmologist immediately.
- First-aid measures after ingestion : Rinse mouth. Do NOT induce vomiting. Obtain medical attention.

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

- Symptoms/effects : Not expected to present a significant hazard under anticipated conditions of normal use.
- Symptoms/effects after inhalation : None under normal use.
- Symptoms/effects after skin contact : Contact during a long period may cause light irritation.
- Symptoms/effects after eye contact : May cause slight irritation.

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

No additional information available

SECTION 5: Fire-fighting measures

5.1. Extinguishing media

- Suitable extinguishing media : AFFF foam. Alcohol resistant foam. Carbon dioxide. Foam. Sand. Dry powder. Dry chemical.
- Unsuitable extinguishing media : Do not use a heavy water stream. water.

5.2. Special hazards arising from the substance or mixture

- Fire hazard : Combustible product.
- Explosion hazard : Not applicable.
- Reactivity in case of fire : Decomposes on exposure to temperature rise: release of harmful/irritant gases/vapours.
- Hazardous decomposition products in case of fire : On exposure to high temperature, may decompose, releasing toxic/flammable vapours.

5.3. Advice for firefighters

- Precautionary measures fire : No naked lights. No smoking. Avoid ignition sources. Keep away from heat.
- Firefighting instructions : Prevent fire fighting water from entering the environment. Exercise caution when fighting any chemical fire.
- Protection during firefighting : Do not enter fire area without proper protective equipment, including respiratory protection.
- Other information : Combustible. Use water spray or fog for cooling exposed containers. Use water spray to cool exposed surfaces.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

- General measures : Spill should be handled by trained cleaning personnel properly equipped with respiratory and eye protection.

6.1.1. For non-emergency personnel

- Protective equipment : Concerning personal protective equipment to use, see section 8. Wear suitable protective clothing and gloves.
- Emergency procedures : Evacuate unnecessary personnel. Soak up with inert absorbent material (for example sand, sawdust, a universal binder, silica gel).
- Measures in case of dust release : Not applicable.

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6.1.2. For emergency responders

- Protective equipment : Equip cleanup crew with proper protection.
Emergency procedures : Clean up any spills as soon as possible, using an absorbent material to collect it. Ventilate area.

6.2. Environmental precautions

Notify authorities if liquid enters sewers or public waters. Prevent entry to sewers and public waters. The evacuation of the contaminated soil may be necessary.

6.3. Methods and material for containment and cleaning up

- Methods for cleaning up : Clean up any spills as soon as possible, using an absorbent material to collect it. Cleaning residues containing this material may be classified hazardous waste. Collect spills and put it into appropriated container. Spill area may be slippery.
Other information : May be dangerously slippery if spilled.

6.4. Reference to other sections

See Heading 8.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

- Additional hazards when processed : Combustible product.
Precautions for safe handling : Ensure prompt removal from eyes, skin and clothing. Where contact with eyes or skin is likely, wear suitable protection. No naked lights. No smoking. Both local exhaust and general room ventilation are usually required.
Hygiene measures : Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Keep away from food, drink and animal feeding stuffs.

7.2. Conditions for safe storage, including any incompatibilities

- Technical measures : Comply with applicable regulations.
Storage conditions : Keep away from food, drink and animal feeding stuffs. Keep away from sources of ignition - No smoking. Keep container closed when not in use. Protect from low temperatures. Store in dry, cool, well-ventilated area.
Incompatible products : Oxidizing agent.
Incompatible materials : See Heading 10. Sources of ignition. Direct sunlight.
Heat and ignition sources : Keep away from any flames or sparking source.
Information on mixed storage : Oxidation agents.
Storage area : Store away from heat. Floors should be impervious, resistant to liquids and easy to clean.
Special rules on packaging : Keep only in original container.

7.3. Specific end use(s)

Wash clothing before re-using.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

OPALJET MILLENIUM 3 5W30	
DNEL/DMEL (Workers)	
Acute - systemic effects, dermal	>= mg/kg bodyweight/day

8.2. Exposure controls

Personal protective equipment:

Avoid all unnecessary exposure.

Materials for protective clothing:

Separate working clothes from town clothes. Launder separately

Hand protection:

Wear suitable gloves resistant to chemical penetration. Penetration time of glove material: The exact time of penetration is determined by the manufacturer of protective gloves and to respect.

Eye protection:

Eye protection should only be necessary where liquid could be splashed or sprayed

Skin and body protection:

If skin contact or contamination of clothing is likely, protective clothing should be worn.

Respiratory protection:

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No special respiratory protection equipment is recommended under normal conditions of use with adequate ventilation.

Other information:

Do not eat, drink or smoke during use. Provide local exhaust or general room ventilation to minimize vapour concentrations.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	: Liquid
Appearance	: Oily liquid.
Colour	: colourless to yellow.
Odour	: Characteristic.
Odour threshold	: No data available No data available
pH	: Not applicable
pH solution	: Not applicable
Relative evaporation rate (butylacetate=1)	: No data available
Relative evaporation rate (ether=1)	: No data available
Melting point	: No data available
Freezing point	: No data available
Boiling point	: No data available
Flash point	: 234 °C
Auto-ignition temperature	: No data available
Decomposition temperature	: No data available
Flammability (solid, gas)	: Combustible product
Vapour pressure	: < 0,01 mm Hg
Relative vapour density at 20 °C	: No data available
Relative density	: 0,86
Solubility	: Soluble in organic solvents. Material insoluble in water.
Log Pow	: No data available
Log Kow	: No data available
Viscosity, kinematic	: 66,9 cSt 40°C
Viscosity, dynamic	: No data available
Explosive properties	: Heating may cause a fire. Not classified as explosive according to EC criteria, but may present risks in the event of a fire.
Oxidising properties	: Not applicable.
Explosive limits	: No data available

9.2. Other information

Additional information	: At or above flash point, vapours present may burn in open or explode if confined when mixed with air and exposed to ignition source
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SECTION 10: Stability and reactivity

10.1. Reactivity

None under normal conditions.

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

10.4. Conditions to avoid

No data available.

10.5. Incompatible materials

Strong oxidizers. Strong acids. Strong bases.

10.6. Hazardous decomposition products

On exposure to high temperature, may decompose, releasing toxic/flammable vapours.

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SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity : No data available.

Distillates (petroleum), hydrotreated heavy paraffinic (64742-54-7)	
LD50 oral rat	> 5000 mg/kg (OECD 420 method)
LD50 dermal rabbit	> 2000 mg/kg (OECD 402 method)
LC50 inhalation rat (mg/l)	> 5,53 mg/l/4h (mg/L air, aerosol) (OECD 403 method)

bis(nonylphenyl)amine	
LD50 oral rat	> 5000 mg/kg (OECD 401 method)
LD50 dermal rat	> 2000 mg/kg (OECD 402 method)

Skin corrosion/irritation : No data available.

pH: Not applicable

Additional information : Based on available data, the classification criteria are not met

Serious eye damage/irritation : No data available.

pH: Not applicable

Additional information : Based on available data, the classification criteria are not met

Respiratory or skin sensitisation : No data available.

Additional information : Based on available data, the classification criteria are not met

Germ cell mutagenicity : No data available.

Based on available data, the classification criteria are not met

Carcinogenicity : No data available.

Additional information : Based on available data, the classification criteria are not met

Reproductive toxicity : No data available.

Additional information : Based on available data, the classification criteria are not met

STOT-single exposure : No data available.

Additional information : Based on available data, the classification criteria are not met

STOT-repeated exposure : No data available.

Additional information : Based on available data, the classification criteria are not met

Aspiration hazard : No data available.

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Viscosity, kinematic	66,9 mm ² /s 40°C

Potential adverse human health effects and symptoms : Not classified as dangerous preparation/substance. Based on available data, the classification criteria are not met.

Other information : The data in annex are related to the ingredients where this mixture is composed from.

SECTION 12: Ecological information

12.1. Toxicity

Ecology - general : No data available.

Distillates (petroleum), hydrotreated heavy paraffinic (64742-54-7)	
LC50 fish 1	> 100 mg/l (Pimephales promelas, 96h) (OECD 203 method)
EC50 Daphnia 1	> 10000 mg/l (Gammarus pulex, 48h) (OECD 202 method)
EC50 Daphnia 2	> 10000 mg/l (Daphnia magna, 48h) (OECD 202 method)
NOEC (acute)	>= 100 mg/l (Pseudokirchnerella subcapitata, 72h) (OECD 201 method)
NOEC chronic fish	>= 1000 mg/l (Oncorhynchus mykiss - QSAR Petrotox, 14/28d)
NOEC chronic crustacea	10 mg/l (Daphnia magna, 21d) (OECD 211 method)

Mineral oil*	
LC50 fish 1	> 100 mg/l
EC50 Daphnia 1	> 10000 mg/l
EC50 72h algae (1)	> 100 mg/l

bis(nonylphenyl)amine	
LC50 fish 1	120 mg/l (Danio rerio, 96h, OECD 203)
EC50 Daphnia 1	120 mg/l (Daphnia magna, 48h, OECD 202)
ErC50 (algae)	120 mg/l (Desmodesmus subpicatus, 72h, OECD 201)

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12.2. Persistence and degradability

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Persistence and degradability	No data available.
Distillates (petroleum), hydrotreated heavy paraffinic (64742-54-7)	
Biodegradation	31 % (28d) (OECD 301F method)
bis(nonylphenyl)amine	
Persistence and degradability	Not readily biodegradable.
Biodegradation	1 % Sturm (28d)

12.3. Bioaccumulative potential

OPALJET MILLENIUM 3 5W30	
Log Pow	No data available
Log Kow	No data available
Bioaccumulative potential	No data available.
bis(nonylphenyl)amine	
Log Pow	> 7,6
Log Kow	7,3 Octanol /water coefficient (0.1d)

12.4. Mobility in soil

OPALJET MILLENIUM 3 5W30	
Ecology - soil	No data available.
bis(nonylphenyl)amine	
Ecology - soil	Product adsorbs little onto the soil.

12.5. Results of PBT and vPvB assessment

OPALJET MILLENIUM 3 5W30	
This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII	
Component	
bis(nonylphenyl)amine ()	This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII

12.6. Other adverse effects

Other adverse effects	: No data available.
Additional information	: Avoid release to the environment

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Regional legislation (waste)	: Disposal must be done according to official regulations.
Waste treatment methods	: Dispose in a safe manner in accordance with local/national regulations.
Product/Packaging disposal recommendations	: Dispose in a safe manner in accordance with local/national regulations.
Additional information	: Avoid release to the environment. Comply with local regulations for disposal.
Ecology - waste materials	: Avoid release to the environment. Empty containers should be taken for recycling, recovery or waste in accordance with local regulation.

SECTION 14: Transport information

In accordance with ADR / RID / IMDG / IATA / ADN

ADR	IMDG	IATA	ADN	RID
14.1. UN number				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
14.2. UN proper shipping name				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
14.3. Transport hazard class(es)				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
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 hazards				
Dangerous for the environment : No	Dangerous for the environment : No Marine pollutant : No	Dangerous for the environment : No	Dangerous for the environment : No	Dangerous for the environment : No
No supplementary information available				

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14.6. Special precautions for user

Special transport precautions : Not regulated or not hazardous

- Overland transport

Transport regulations (ADR) : Not subject

- Transport by sea

Transport regulations (IMDG) : Not subject

- Air transport

No data available

- Inland waterway transport

No data available

- Rail transport

Transport regulations (RID) : Not subject

14.7. Transport in bulk according to Annex II of Marpol and the IBC Code

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

Contains no REACH substances with Annex XVII restrictions

Contains no substance on the REACH candidate list

Contains no REACH Annex XIV substances

15.1.2. National regulations

Ensure all national/local regulations are observed

15.2. Chemical safety assessment

No chemical safety assessment has been carried out

SECTION 16: Other information

Indication of changes:

Revision - See : *.

Section	Changed item	Change	Comments
	Supersedes	Added	
	Revision date	Modified	

Data sources : 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.

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

Other information : None.

Full text of H- and EUH-statements:

Aquatic Chronic 4	Hazardous to the aquatic environment — Chronic Hazard, Category 4
Aquatic Chronic Not classified	Hazardous to the aquatic environment - Chronic Hazard Not classified
Asp. Tox. 1	Aspiration hazard, Category 1
H304	May be fatal if swallowed and enters airways
H413	May cause long lasting harmful effects to aquatic life

SDS EU (REACH Annex II)

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