



Supremium Petrol

Safety Data Sheet

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

MSDS Version: E08.00

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Blend Version: 7

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

1.1. Product identifier

Product form : Mixture
Product name : Supremium Petrol
Product code : W22810

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

1.2.1. Relevant identified uses

Use of the substance/mixture : Petrol additive.
Function or use category : Fuel additives

1.2.2. Uses advised against

No additional information available

1.3. Details of the supplier of the safety data sheet

Wynn's Belgium
Industriepark-West 46
9100 Sint-Niklaas - Belgium
T +32 3 766 60 20 - F +32 3 778 16 56
msds@wynns.eu - www.wynns.com

1.4. Emergency telephone number

Emergency number : BIG: +32(0)14/58.45.45 (NL FR EN DE)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

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

Skin Irrit. 2 H315
STOT RE 1 H372
Asp. Tox. 1 H304
Aquatic Chronic 3 H412

Full text of 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]

Hazard pictograms (CLP) :



GHS07

GHS08

Signal word (CLP) :

Danger

Hazardous ingredients :

hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, aromatics (2-25%);
distillates (Fischer-Tropsch), C8-26, branched and linear

Hazard statements (CLP) :

H304 - May be fatal if swallowed and enters airways.
H315 - Causes skin irritation.
H372 - Causes damage to organs (central nervous system) through prolonged or repeated exposure.
H412 - Harmful to aquatic life with long lasting effects.

Precautionary statements (CLP) :

P102 - Keep out of reach of children.
P405 - Store locked up.
P260 - Do not breathe vapours.
P301+P310 - IF SWALLOWED: Immediately call a POISON CENTER/doctor
P331 - Do NOT induce vomiting.
P280 - Wear protective gloves.
P273 - Avoid release to the environment.

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2.3. Other hazards

No additional information available

SECTION 3: Composition/information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

Name	Product identifier	% w	Classification according to Regulation (EC) No. 1272/2008 [CLP]
distillates (Fischer-Tropsch), C8-26, branched and linear	(CAS-No.) 848301-67-7 (EC-No.) 481-740-5 (REACH-no) 01-0000020119-75	25 - 50	Asp. Tox. 1, H304
1-Propene, 2-methyl-, homopolymer, hydroformylation products, reaction products with ammonia	(CAS-No.) 337367-30-3	10 - 25	Skin Irrit. 2, H315 Aquatic Chronic 3, H412
Kerosine (petroleum), hydrodesulfurized	(CAS-No.) 64742-81-0 (EC-No.) 265-184-9 (EC Index-No.) 649-423-00-8 (REACH-no) 01-2119462828-25	10 - 25	Skin Irrit. 2, H315 Asp. Tox. 1, H304 Aquatic Chronic 2, H411
hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, aromatics (2-25%)	(EC-No.) 919-164-8 (REACH-no) 01-2119473977-17	10 - 25	STOT RE 1, H372 Asp. Tox. 1, H304 Aquatic Chronic 3, H412
hydrocarbons, C10-C13, n-alkanes, <2% aromatics	(EC-No.) 929-018-5 (REACH-no) 01-2119475608-26	10 - 25	Asp. Tox. 1, H304
(Z)-N-methyl-N-(1-oxo-9-octadecenyl)glycine	(CAS-No.) 110-25-8 (EC-No.) 203-749-3 (REACH-no) 01-2119488991-20	0,1 - 1	Acute Tox. 4 (Inhalation:dust,mist), H332 Skin Irrit. 2, H315 Eye Dam. 1, H318 Aquatic Acute 1, H400

Full text of H-statements: see section 16

SECTION 4: First aid measures

4.1. Description of first aid measures

First-aid measures general	: Check the vital functions. Keep victim at rest in half upright position. Unconscious: maintain adequate airway and respiration. Respiratory arrest: artificial respiration or oxygen. Cardiac arrest: perform resuscitation. Victim in shock: on his back with legs slightly raised. Vomiting: prevent asphyxia/aspiration pneumonia. Keep watching the victim. Give psychological aid. Prevent cooling by covering the victim (no warming up). Keep the victim calm, avoid physical strain. If necessary seek medical advice.
First-aid measures after inhalation	: If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER/doctor if you feel unwell.
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. If skin irritation or rash occurs: Get medical advice/attention.
First-aid measures after eye contact	: IF IN EYES: 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	: If swallowed, rinse mouth. Do NOT induce vomiting. Call a POISON CENTER/doctor if you feel unwell. Ingestion of large quantities: immediately to hospital.

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

Symptoms/effects after ingestion : May be fatal if swallowed and enters airways. Risk of aspiration pneumonia.

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

No additional information available

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media : Water spray. AFFF foam. ABC-powder.

5.2. Special hazards arising from the substance or mixture

Fire hazard : Combustible liquid. Agitation can cause build up of electrostatic charge. Take precautionary measures against static discharge.

Explosion hazard : Product is not explosive.

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5.3. Advice for firefighters

- Firefighting instructions : Prevent fire fighting water from entering the environment.
Protection during firefighting : Do not enter fire area without proper protective equipment, including respiratory protection.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

- General measures : Use special care to avoid static electric charges. No open flames. No smoking.

6.1.1. For non-emergency personnel

- Protective equipment : Wear suitable gloves and eye/face protection. protective clothing.
Emergency procedures : Mark the danger area. Prevent flow to low areas. Take off contaminated clothing and wash it before reuse.

6.1.2. For emergency responders

- Protective equipment : Equip cleanup crew with proper protection.

6.2. Environmental precautions

- Prevent entry to sewers and public waters. Avoid release to the environment.

6.3. Methods and material for containment and cleaning up

- For containment : Collect spillage. Contain leaking substance, pump over in suitable containers.
Methods for cleaning up : Small quantities of liquid spill: take up in non-combustible absorbent material and shovel into container for disposal. Clean preferably with a detergent - Avoid the use of solvents.

6.4. Reference to other sections

- For further information refer to section 8: "Exposure controls/personal protection".

SECTION 7: Handling and storage

7.1. Precautions for safe handling

- Additional hazards when processed : Not expected to present a significant hazard under anticipated conditions of normal use.
Precautions for safe handling : Presents no particular risk when handled in accordance with good occupational hygiene practice. Meet the legal requirements. Ensure good ventilation of the work station.
Hygiene measures : Use good personal hygiene practices. IF ON SKIN: Gently wash with plenty of soap and water. Wash contaminated clothing before reuse.

7.2. Conditions for safe storage, including any incompatibilities

- Technical measures : Provide good ventilation in process area to prevent formation of vapour.
Storage conditions : Meet the legal requirements. Protect from sunlight. Store in a well-ventilated place.
Storage area : Meet the legal requirements. Ventilation along the floor.
Special rules on packaging : Store in a closed container. Labelling according to.

7.3. Specific end use(s)

- Read label before use. Observe the label precautions. See product bulletin for detailed information.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, aromatics (2-25%)

Belgium	Limit value (mg/m ³)	533 mg/m ³
Belgium	Limit value (ppm)	100 ppm
Italy - Portugal - USA ACGIH	ACGIH TWA (ppm)	100 ppm

distillates (Fischer-Tropsch), C8-26, branched and linear (848301-67-7)

PNEC (Sediment)	
PNEC sediment (freshwater)	2,06 mg/kg dwt
PNEC (Soil)	
PNEC soil	1,68 mg/kg dwt
PNEC (STP)	
PNEC sewage treatment plant	10 mg/l

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(Z)-N-methyl-N-(1-oxo-9-octadecenyl)glycine (110-25-8)

DNEL/DMEL (Workers)

Acute - systemic effects, dermal	100 mg/kg bodyweight/day
Acute - systemic effects, inhalation	18 mg/m ³
Acute - local effects, inhalation	18 mg/m ³
Long-term - systemic effects, dermal	10 mg/kg bodyweight/day
Long-term - systemic effects, inhalation	0,2 mg/m ³
Long-term - local effects, inhalation	0,01 mg/m ³

DNEL/DMEL (General population)

Acute - systemic effects, dermal	50 mg/kg bodyweight
Acute - systemic effects, inhalation	9 mg/m ³
Acute - systemic effects, oral	92 mg/kg bodyweight
Acute - local effects, inhalation	9 mg/m ³
Long-term - systemic effects, oral	5 mg/kg bodyweight/day
Long-term - systemic effects, inhalation	0,1 mg/m ³
Long-term - systemic effects, dermal	5 mg/kg bodyweight/day

PNEC (STP)

PNEC sewage treatment plant	13 mg/l
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8.2. Exposure controls

Appropriate engineering controls

: Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure. Does not require any specific or particular technical measures. Ensure good ventilation of the work station.

Personal protective equipment

: Gloves. Safety glasses.



Hand protection

: Neoprene. Nitrile rubber. Choosing the proper glove is a decision that depends not only on the type of material, but also on other quality features, which differ for each manufacturer. Time of penetration is to be checked with the glove producer.

Other information

: Breakthrough time : >30'. Thickness of the glove material >0,1 mm.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	: Liquid
Appearance	: clear.
Colour	: light yellow.
Odour	: characteristic.
Odour threshold	: No data available
pH	:
Relative evaporation rate (butylacetate=1)	: No data available
refraction index	: 1,451
Melting point	: No data available
Freezing point	: No data available
Boiling point	: No data available
Flash point	: 70 °C
Auto-ignition temperature	: No data available
Decomposition temperature	: No data available
Flammability (solid, gas)	: No data available
Vapour pressure	: No data available
Relative vapour density at 20 °C	: No data available
Relative density	: No data available
Density @20°C	: 834 kg/m ³
Solubility	: insoluble in water.
Log Pow	: No data available

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Log Kow	: No data available
Viscosity, kinematic @40°C	: 9,8 mm ² /s
Viscosity, dynamic @40°C	: No data available
Viscosity	:
Viscosity Index	:
Explosive properties	: No data available
Oxidising properties	: No data available
Explosive limits	: No data available

9.2. Other information

VOC content	: 84,3 %
Additional information	: The physical and chemical data in this section are typical values for this product and are not intended as product specifications.

SECTION 10: Stability and reactivity

10.1. Reactivity

No additional information available

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

No additional information available

10.4. Conditions to avoid

Keep away from strong acids and strong oxidizers. Keep away from heat and direct sunlight.

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. On burning: release of harmful/irritant gases/vapours. Carbon monoxide. Carbon dioxide.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity : Harmful: may cause lung damage if swallowed

distillates (Fischer-Tropsch), C8-26, branched and linear (848301-67-7)

LD50 oral rat	> 5000 mg/kg bodyweight Sprague-Dawley
LD50 dermal rat	> 2000 mg/kg bodyweight Sprague-Dawley

hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, aromatics (2-25%)

LD50 oral rat	> 15000 mg/kg
LD50 dermal rabbit	> 3400 mg/kg
LC50 inhalation rat (mg/l)	> 13,1 mg/l/4h

(Z)-N-methyl-N-(1-oxo-9-octadecenyl)glycine (110-25-8)

LD50 oral rat	> 5000 mg/kg bodyweight Sprague-Dawley
LC50 inhalation rat (mg/l)	> 1,01 (≤ 1,85) mg/l/4h Sprague-Dawley
ATE CLP (vapours)	1,85 mg/l/4h
ATE CLP (dust,mist)	1,85 mg/l/4h

Skin corrosion/irritation	: Causes skin irritation.
Serious eye damage/irritation	: Not classified
Respiratory or skin sensitisation	: Not classified
Germ cell mutagenicity	: Not classified
Carcinogenicity	: Not classified
Reproductive toxicity	: Not classified
STOT-single exposure	: Not classified
STOT-repeated exposure	: Causes damage to organs (central nervous system) through prolonged or repeated exposure.
Aspiration hazard	: May be fatal if swallowed and enters airways.

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SECTION 12: Ecological information

12.1. Toxicity

Ecology - general : This product contains hazardous components for the aquatic environment.
Ecology - water : Harmful to aquatic life with long lasting effects.

distillates (Fischer-Tropsch), C8-26, branched and linear (848301-67-7)

LC50 fish 1 > 1000 mg/l @96h Pimephales promelas
EC50 Daphnia 1 > 1000 mg/l @48h Daphnia magna
EC50 other aquatic organisms 1 > 1000 mg/l @72h Pseudokirchneriella subcapitata
NOEC (acute) > 1000 mg/l @48h Daphnia magna

(Z)-N-methyl-N-(1-oxo-9-octadecenyl)glycine (110-25-8)

LC50 fish 1 96h 3,2 (≥ 4,6) mg/l Leuciscus idus
EC50 Daphnia 1 48h 0,53 mg/l Daphnia magna
EC50 other aquatic organisms 1 72h 6,3 mg/l Desmodesmus subspicatus
NOEC (acute) ≈ 6,81 mg/l @96h Leuciscus idus

12.2. Persistence and degradability

distillates (Fischer-Tropsch), C8-26, branched and linear (848301-67-7)

Persistence and degradability Readily biodegradable.

(Z)-N-methyl-N-(1-oxo-9-octadecenyl)glycine (110-25-8)

Persistence and degradability Readily biodegradable.

12.3. Bioaccumulative potential

distillates (Fischer-Tropsch), C8-26, branched and linear (848301-67-7)

Log Pow > 6,5 @40°C

(Z)-N-methyl-N-(1-oxo-9-octadecenyl)glycine (110-25-8)

Log Pow 3,5 - 4,2 @20°C
Log Kow 6,83 @25°C

12.4. Mobility in soil

No additional information available

12.5. Results of PBT and vPvB assessment

hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, aromatics (2-25%)

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

No additional information available

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Product/Packaging disposal recommendations : Dispose in a safe manner in accordance with local/national regulations. Remove to an authorized waste treatment plant. Avoid release to the environment.
European List of Waste (LoW) code : 14 06 03* - other solvents and solvent mixtures
15 01 10* - packaging containing residues of or contaminated by dangerous substances

SECTION 14: Transport information

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

14.1. UN number

Not regulated for transport

14.2. UN proper shipping name

Not applicable

14.3. Transport hazard class(es)

Not applicable

14.4. Packing group

Not applicable

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14.5. Environmental hazards

Other information : No supplementary information available.

14.6. Special precautions for user

14.6.1. Overland transport

No additional information available

14.6.2. Transport by sea

No additional information available

14.6.3. Air transport

No additional information available

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

VOC content : 84,3 %

15.1.2. National regulations

Water hazard class (WGK) : 3 - severe hazard to water

15.2. Chemical safety assessment

No additional information available

SECTION 16: Other information

Full text of H- and EUH-statements:

Acute Tox. 4 (Inhalation:dust,mist)

Aquatic Acute 1

Aquatic Chronic 2

Aquatic Chronic 3

Asp. Tox. 1

Eye Dam. 1

Skin Irrit. 2

STOT RE 1

H304

H315

H318

H332

H372

H400

H411

H412

Acute toxicity (inhalation:dust,mist) Category 4

Hazardous to the aquatic environment — Acute Hazard, Category 1

Hazardous to the aquatic environment — Chronic Hazard, Category 2

Hazardous to the aquatic environment — Chronic Hazard, Category 3

Aspiration hazard, Category 1

Serious eye damage/eye irritation, Category 1

Skin corrosion/irritation, Category 2

Specific target organ toxicity — Repeated exposure, Category 1

May be fatal if swallowed and enters airways.

Causes skin irritation.

Causes serious eye damage.

Harmful if inhaled.

Causes damage to organs through prolonged or repeated exposure.

Very toxic to aquatic life.

Toxic to aquatic life with long lasting effects.

Harmful to aquatic life with long lasting effects.

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