

**SAFETY DATA SHEET** ACCORDING TO REGULATION (EC) 1907/2006**PETROL****Product name: Q Max 95****Neosvinčen motorni bencin 95****NMB 95****Mogas 95 10ppm****Creation date: 28.02.2011, Revision: 24.01.2023, version: 2.2****SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING****1.1 Product identifier****Product name**

Q Max 95

Neosvinčen motorni bencin 95

NMB 95

Mogas 95 10ppm

<https://my.chemius.net/p/gjUPGS/en/pd/en>**1.2 Relevant identified uses of the substance or mixture and uses advised against****Relevant identified uses**

fuel

**Uses advised against**

No information.

**1.3 Details of the supplier of the safety data sheet****Supplier**

Petrol d.d.

Dunajska cesta 50

1527 Ljubljana, Slovenia

+386 1 471 42 32

varnostni listi@petrol.si

**1.4 Emergency Telephone Number****Emergency**

112

**Supplier**

+386 1 471 42 32

**SECTION 2: HAZARDS IDENTIFICATION****2.1 Classification of the substance or mixture****Classification according to Regulation (EC) No 1272/2008 (CLP)**

Flam. Liq. 1; H224 Extremely flammable liquid and vapour.

Asp. Tox. 1; H304 May be fatal if swallowed and enters airways.

Skin Irrit. 2; H315 Causes skin irritation.

STOT SE 3; H336 May cause drowsiness or dizziness.

Muta. 1B; H340 May cause genetic defects.

Carc. 1B; H350 May cause cancer.

Repr. 2; H361fd Suspected of damaging fertility. Suspected of damaging the unborn child.

Aquatic Chronic 2; H411 Toxic to aquatic life with long lasting effects.

## 2.2 Label elements

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



### Signal word: Danger

H224 Extremely flammable liquid and vapour.

H304 May be fatal if swallowed and enters airways.

H315 Causes skin irritation.

H336 May cause drowsiness or dizziness.

H340 May cause genetic defects.

H350 May cause cancer.

H361fd Suspected of damaging fertility. Suspected of damaging the unborn child.

H411 Toxic to aquatic life with long lasting effects.

P102 Keep out of reach of children.

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

P260 Do not breathe mist/vapours.

P262 Do not get in eyes, on skin, or on clothing.

P273 Avoid release to the environment.

P280 Wear protective gloves/protective clothing/eye protection/face protection.

P301 + P310 + P331 IF SWALLOWED: Immediately call a POISON CENTER/ doctor. Do NOT induce vomiting.

P302 + P352 + P362 + P364 IF ON SKIN: Wash with plenty of soap and water. Take off contaminated clothing and wash it before reuse.

P308 + P313 IF exposed or concerned: Get medical advice/attention.

P501 Dispose of contents/container in accordance with national regulation.

### Contains:

Gasoline

## 2.3 Other hazards

### PBT/vPvB

No information.

### Endocrine disrupting properties

No information.

### Additional information

Vapors can form an explosive mixture with air. The vapors are heavier than air and may collect in high concentrations at floor level. Material can accumulate static charges which may cause an ignition. The substances in the mixture are not classified as persistent, bioaccumulative and toxic (PBT) or very persistent and very bioaccumulative (vPvB).

## SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

### 3.1 Substances

For mixtures see 3.2.

### 3.2 Mixtures

Name	CAS EC Index Reach	%	Classification according to Regulation (EC) No 1272/2008 (CLP)	Specific Conc. Limits	Notes for substances
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Gasoline	86290-81-5 289-220-8 649-378-00-4 01-2119471335-39	<100	Flam. Liq. 1; H224 Asp. Tox. 1; H304 Skin Irrit. 2; H315 STOT SE 3; H336 Muta. 1B; H340 Carc. 1B; H350 Repr. 2; H361 Aquatic Chronic 2; H411	/	P
tert-butyl methyl ether	1634-04-4 216-653-1 603-181-00-X 01-2119452786-27	<15	Flam. Liq. 2; H225 Skin Irrit. 2; H315	/	/
2-ethoxy-2-methylpropane	637-92-3 211-309-7 - 01-2119452785-29	<15	Flam. Liq. 2; H225 STOT SE 3; H336	/	/
ethanol	64-17-5 200-578-6 603-002-00-5 01-2119457610-43	<10	Flam. Liq. 2; H225 Eye Irrit. 2; H319	/	/
toluene	108-88-3 203-625-9 601-021-00-3	>1	Flam. Liq. 2; H225 Asp. Tox. 1; H304 Skin Irrit. 2; H315 STOT SE 3; H336 Repr. 2; H361d STOT RE 2; H373	/	/
benzene	71-43-2 200-753-7 601-020-00-8	<1	Flam. Liq. 2; H225 Asp. Tox. 1; H304 Skin Irrit. 2; H315 Eye Irrit. 2; H319 Muta. 1B; H340 Carc. 1A; H350 STOT RE 1; H372	/	E
n-hexane	110-54-3 203-777-6 601-037-00-0	>0,1	Flam. Liq. 2; H225 Asp. Tox. 1; H304 Skin Irrit. 2; H315 STOT SE 3; H336 Repr. 2; H361f STOT RE 2; H373 Aquatic Chronic 2; H411	STOT RE 2; H373; C ≥ 5%	/

## Notes for substances

P	<p>The harmonised classification as a carcinogen or mutagen applies unless it can be shown that the substance contains less than 0,1 % w/w benzene (Eines No 200-753-7), in which case a classification in accordance with Title II of this Regulation shall be performed also for those hazard classes.</p> <p>Where the substance is not classified as a carcinogen or mutagen, at least the precautionary statements (P102-)P260-P262-P301 + P310-P331 shall apply.</p>
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## SECTION 4: FIRST AID MEASURES

## 4.1 Description of first aid measures

## General notes

Symptoms of poisoning may even occur after several hours; therefore medical observation is required at least 48 hours after the event. Never give anything by mouth to an unconscious person. Place patient in recovery position and ensure airway patency.

## Following inhalation

Remove patient to fresh air - move out of dangerous area. If victim is not breathing give artificial respiration. Seek medical help immediately.

## Following skin contact

Immediately remove contaminated clothing. Wash affected skin areas thoroughly with plenty of water and soap.

Immediately obtain professional medical help! Wash contaminated clothes and shoes before reuse.

#### Following eye contact

Immediately flush eyes with plenty of water while keeping eyelids apart (at least 15 minutes). If irritation persists, seek professional medical attention.

#### Following ingestion

Do not induce vomiting! Rinse mouth thoroughly with water. Rinse mouth with water and spit out. Immediately consult a doctor. Show the physician the safety data sheet or label.

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

#### Following inhalation

Vapours may cause drowsiness and dizziness. Symptoms include: headache, dizziness, fatigue, muscular weakness, drowsiness and, in extreme cases, unconsciousness.

#### Following skin contact

Itching, redness, pain.

#### Following eye contact

Contact with eyes can cause irritation (redness, tearing, pain).

#### Following ingestion

It can damage the lungs when ingested. Aspiration into the lungs causes coughing, shortness of breath and may lead to chemical pneumonia.

### 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

Carbon dioxide. Dry chemical powder. Water spray. Alcohol resistant foam.

#### Unsuitable extinguishing media

Full water jet.

### 5.2 Special hazards arising from the substance or mixture

#### Hazardous combustion products

In event of fire carbon oxides (COx) are generated.

### 5.3 Advice for firefighters

#### Protective actions

The chemical is highly flammable. Vapours are heavier than air and spread along floor. Vapours may form explosive mixtures with the air. Vapours may travel long distances along the ground or floor to an ignition source and flash back. Cool containers at risk with water spray. If possible remove containers from endangered area. No action shall be taken involving any personal risk or without suitable training.

#### Special protective equipment for fire-fighters

Firefighters should wear appropriate protective clothing for firefighters (including helmets, protective boots and gloves) (EN 469) and self-contained breathing apparatus (SCBA) with a full face-piece (EN 137).

#### Additional information

Contaminated firefighting water and fire residues must be disposed of in accordance with the local regulations.

## SECTION 6: ACCIDENTAL RELEASE MEASURES

## 6.1 Personal precautions, protective equipment and emergency procedures

### For non-emergency personnel

#### Protective equipment

Use personal protective equipment (Section 8). Always use personal protective equipment, and if the concentration exceeds 100 ppm use the mask for entire face (EN 136/AC:2006) with filter "A" (EN 14387). In concentrations exceeding 3000 ppm apply self-sustained open-circuit compressed-air breathing apparatus (HRN EN 137).

#### Precautionary measures

Ensure adequate ventilation. Protect from open fire and other possible sources of ignition. Ensure all equipment is electrically grounded. Vapours are heavier than air and can form an explosive mixture with air. Measure the concentration of gasoline vapours in the air, in line with regulations.

#### Emergency procedures

Prevent access to unprotected personnel. Prevent access to unauthorised personnel. Do not use open fire and keep away all sources of ignition. Avoid contact with skin and eyes. Do not breathe vapour or mist. Evacuate personnel and ventilate the premises.

#### For emergency responders

Large amount of flammable vapours can evaporate when spilled. Vapors may travel long distances along the ground or floor to an ignition source.

## 6.2 Environmental precautions

Do not allow product to reach water/drains/sewage systems or permeable soil. If accidental large entry into water or ground occurs, inform responsible authorities.

## 6.3 Methods and material for containment and cleaning up

### For containment

No information.

### For cleaning up

Pump with an explosive proof pump in a suitable labelled container. Absorb product (with inert material), collect it in special container and dispose it to a licensed hazardous-waste disposal contractor. In case of soil contamination, remove contaminated soil for remediation or disposal in accordance with local regulations. In case of gasoline spill in working area, the fluid must be removed and the surface washed with soapy water and then rinsed with clean water.

#### OTHER INFORMATION

Highly inflammable fluid and vapours! Stand upwind with respect to release point. With volumes up to 5 t the evacuation zone must exceed a 70 m circle. In case of traffic accident, tank truck / tank car shall be properly grounded, accident area marked, and authorized person summoned same as the expert service for taking care of accident consequences.

## 6.4 Reference to other sections

See also sections 8 and 13.

## SECTION 7: HANDLING AND STORAGE

### 7.1 Precautions for safe handling

#### Protective measures

##### Measures to prevent fire

Ensure adequate ventilation. Protect from open fire and other sources of ignition or heat. Do not smoke. Do not pierce or burn container, not even after use. Ground all equipment. Take precautionary measures against static discharges. Use spark-proof tools. Floors in rooms endangered by explosive atmosphere shall have transitional resistance of less than 1 MOhm within the system for bypassing the static electricity. Equipment shall be grounded and protective measures shall be taken against static electricity: grounding, air ionization, use of antistatic material, maintaining air humidity above 65%, bypassing the static electricity through electric influence.

##### Measures to prevent aerosol and dust generation

No information.

##### Measures to protect the environment

No information.

**Other measures**

No information.

**Advice on general occupational hygiene**

Use good personal hygiene practices – wash hands at breaks and when done working with material. Do not eat, drink or smoke while working. Avoid contact with skin and eyes. Do not breathe vapours/mist. Remove contaminated clothes and wash them before reuse.

**7.2 Conditions for safe storage, including any incompatibilities****Technical measures and storage conditions**

Keep in cool and well ventilated area. Keep unauthorized personnel away. Keep away from food, drink and animal feeding stuffs. Keep away from sources of ignition. The floors in the warehouse must be impermeable and resistant to solvents. Protect against electrostatic charge build-up. To be avoided: Storage in the same room/area with other chemicals, particularly those that may cause fire. Use non-sparking tools.

**Packaging materials**

Store only in original container.

**Requirements for storage rooms and vessels**

Keep tightly closed.

**Storage class**

No information.

**Further information on storage conditions**

No information.

**7.3 Specific end use(s)****Recommendations**

No information.

**Industrial sector specific solutions**

No information.

**SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION****8.1 Control parameters****Occupational Exposure limit values**

Name	mg/m <sup>3</sup>	ml/m <sup>3</sup>	Short-term value mg/m <sup>3</sup>	Short-term value ml/m <sup>3</sup>	Remark	Biological Tolerance Values
Benzene (71-43-2)	3.25	1	/	/	Carc, Sk	/
n-Hexane (110-54-3)	72	20	/	/	/	/
Ethanol (64-17-5)	1920	1000	/	/	/	/
Methyl-tert-butyl- ether (1634-04-4)	183.5	50	367	100	/	/
Tertiary-butyl- methyl- ether (1634- 04-4)	183.5	50	367	100	/	/
Toluene (108-88-3)	191	50	384	100	Sk	/

**Information on monitoring procedures**

BS EN 14042:2003 Title Identifier: Workplace atmospheres. Guide for the application and use of procedures for the assessment of exposure to chemical and biological agents. BS EN 482:2021 Workplace exposure. Procedures for the determination of the concentration of chemical agents. Basic performance requirements.

**DNEL/DMEL values****For product**

No information.

**For components**

No information.

**PNEC values**

**For product**

No information.

**For components**

No information.

**8.2 Exposure controls****Appropriate engineering control****Substance/mixture related measures to prevent exposure during identified uses**

Use good personal hygiene practices – wash hands at breaks and when done working with material. Avoid contact with eyes and skin. Do not breathe vapours/aerosols. Do not eat, drink or smoke while working. Keep away from foodstuffs, beverages and feed. Use personal protective equipment that is clean and has been properly maintained.

**Structural measures to prevent exposure**

No information.

**Organisational measures to prevent exposure**

Remove all contaminated clothes immediately and wash them before reuse.

**Technical measures to prevent exposure**

Provide good ventilation and local exhaust in areas with increased concentration.

**Personal protective equipment****Eye and face protection**

Safety glasses with side protection (EN 166).

**Hand protection**

Protective gloves (EN 374).

**Appropriate materials**

Material	Thickness	Penetration Time	Remark
Nitrile	0.4 mm	/	Long term use.
Nitrile	0.11 mm	/	Short term use.
PVA	/	/	Short term use.

**Skin protection**

Cotton protective clothing and shoes that cover the entire foot (EN ISO 20345).

**Respiratory protection**

In concentrations exceeding 100 ppm obligatory wearing of protective masks for the whole face ( EN 136/AC:2006) with filter 'A' (EN 14387). In concentrations exceeding 3000 ppm obligatory use of self-sustained open-circuit compressed-air breathing apparatus ( EN 137).

**Thermal hazards**

No information.

**Environmental exposure controls****Substance/mixture related measures to prevent exposure**

No information.

**Instruction measures to prevent exposure**

No information.

**Organisational measures to prevent exposure**

No information.

**Technical measures to prevent exposure**

No information.

**SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES****9.1 Information on basic physical and chemical properties****Physical state**

liquid

**Colour**

yellow

**Odour**

petroleum hydrocarbon odour

**Important health, safety and environmental information**

Odour threshold	No information.
Melting point/Freezing point	No information.
Boiling point or initial boiling point and boiling range	25 – 210 °C
Flammability	No information.
Lower and upper explosion limit	0.6 – 8 vol %
Flash point	< 0 °C
Auto-ignition temperature	> 300 °C
Decomposition temperature	No information.
pH	No information.
Viscosity	No information.
Solubility	Water: Insoluble
Partition coefficient	No information.
Vapour pressure	450 – 900 hPa
Density and/or relative density	Density: 0.72 – 0.775 g/cm <sup>3</sup> at 15 °C
Relative vapour density	No information.
Particle characteristics	No information.

**9.2 OTHER INFORMATION**

Explosive properties	No information.
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**SECTION 10: STABILITY AND REACTIVITY****10.1 Reactivity**

No information.

**10.2 Chemical stability**

Product is stable under normal conditions of use, recommended handling and storage conditions.

**10.3 Possibility of hazardous reactions**

No information.

**10.4 Conditions to avoid**

Protect from heat, direct sunlight, open fire, sparks.

**10.5 Incompatible materials**

Oxidants.  
Strong acids.  
Strong bases. Halogens.

**10.6 Hazardous decomposition products**

Under normal use conditions no hazardous decomposition products are expected. In case of fire/explosion



vapours/gases that pose a health hazard are released. Carbon dioxide; Carbon monoxide.

## SECTION 11: TOXICOLOGICAL INFORMATION

### 11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008

#### (a) Acute toxicity

For product

Exposure route	Type	Species	Time	value	Method	Remark
oral	LD <sub>50</sub>	rat	/	> 5000 mg/kg	/	/
inhalation	LC <sub>50</sub>	rat	4 h	> 5.2 mg/l	/	/
dermal	LD <sub>50</sub>	rat	/	> 2000 mg/kg	/	/

#### (b) Skin corrosion/irritation

No information.

#### Additional information

May cause skin irritation.

#### (c) Serious eye damage/irritation

No information.

#### Additional information

Eye contact may cause irritation.

#### (d) Respiratory or skin sensitisation

No information.

#### (e) (Germ cell) mutagenicity

For product

Type	Species	Time	result	Method	Remark
/	/	/	May cause heritable genetic damage.	/	/

#### (f) Carcinogenicity

For product

Exposure route	Type	Species	Time	value	result	Method	Remark
/	/	/	/	/	Can cause cancer.	/	/

#### (g) Reproductive toxicity

For product

Reproductive toxicity type	Type	Species	Time	value	result	Method	Remark
/	/	/	/	/	May cause harm to the unborn child.	/	/

#### Summary of evaluation of the CMR properties

May cause heritable genetic damage. May cause cancer. May cause harm to the unborn child.

#### (h) STOT-single exposure

No information.

#### Additional information

High concentrations of vapour cause dizziness, headache, nausea, fainting and possible fatal outcome due to hypoxia. STOT Single Exp.3. Dermatitis and other skin irritation, eye irritation and other skin and throat irritation, lack of concentration, respiratory disorders, hand tremor, fatigue, damages to central nervous system, etc.

#### (i) STOT-repeated exposure

No information.

#### Additional information

May cause health damage in longer exposure through inhalation, in skin contact and if ingested.

#### (j) Aspiration hazard

No information.

Symptoms related to the physical, chemical and toxicological characteristics

No information.

Interactive effects

No information.

## 11.2 Information on other hazards

Endocrine disrupting properties

No information.

Other information

No information.

## SECTION 12: ECOLOGICAL INFORMATION

### 12.1 Toxicity

Acute (short-term) toxicity

For product

Type	Exposure time	Species	organism	Method	Remark	value
EC <sub>50</sub>	48 h	crustacea	<i>Daphnia magna</i>	/	/	15.95 mg/L
LC <sub>50</sub>	72 h	fish	<i>Raphidocelis subcapitata</i>	/	/	422 mg/L

Chronic (long-term) toxicity

No information.

### 12.2 Persistence and degradability

Abiotic degradation, physical- and photo-chemical elimination

No information.

Biodegradation

No information.

### 12.3 Bioaccumulative potential

Partition coefficient

No information.

Bioconcentration factor (BCF)

No information.

### 12.4 Mobility in soil

Known or predicted distribution to environmental compartments

No information.

Surface tension

No information.

Adsorption/Desorption

No information.

### 12.5 Results of PBT and vPvB assessment

No evaluation.

**12.6 Endocrine disrupting properties**

No information.

**12.7 Other adverse effects**

No information.

**12.8 Additional information****For product**

Do not allow to reach ground water, water courses or sewage system. Toxic to aquatic organisms: may cause long-term adverse effects in the aquatic environment. The product is not bioaccumulating. This product is not water-soluble. Spills may form a film on water surfaces causing physical damage to organisms. Oxygen transfer could also be impaired.

**SECTION 13: DISPOSAL CONSIDERATIONS****13.1 Waste treatment methods****Product / Packaging disposal****Waste chemical**

Disposal must be made according to official regulations: deliver it to authorised collector/remover/transformer of hazardous waste.

**Waste codes / waste designations according to LoW**

13 07 02\* - petrol

**Packaging**

Deliver completely emptied containers to approved waste disposal authorities.

**Waste codes / waste designations according to LoW**

15 01 10\* - packaging containing residues of or contaminated by dangerous substances

**Waste treatment-relevant information**

No information.

**Sewage disposal-relevant information**








No information.

**Other disposal recommendations**

No information.

**SECTION 14: TRANSPORT INFORMATION**

ADR/RID	IMDG	IATA	ADN
<b>14.1 UN number or ID number</b>			
UN 1203	UN 1203	UN 1203	UN 1203
<b>14.2 UN proper shipping name</b>			
MOTOR SPIRIT	MOTOR SPIRIT	MOTOR SPIRIT	MOTOR SPIRIT
<b>14.3 Transport hazard class(es)</b>			
3	3	3	3

	 	 	 
<b>14.4 Packing group</b>			
II	II	II	II
<b>14.5 Environmental hazards</b>			
YES	Marine pollutant	YES	YES
<b>14.6 Special precautions for user</b>			
Limited quantities 1 L Special provisions 243, 534, 664 Packing Instructions P001, IBC02, R001 Special packing provisions BB2 Transport category 2 Tunnel restriction code (D/E)	Limited quantities 1 L EmS F-E, S-E Flash point 0 °C	Limited Quantity, Packing Instructions (Ltd Qty, Pkg Inst) Y341 Limited Quantity, Maximum Net Quantity/Package (Ltd Qty, Max Net Qty/Pkg) 1 L Packing Instructions (Pkg Inst) 353 Maximum Net Quantity/Package (Max Net Qty/Pkg) 5 L Special provisions A100	Limited quantities 1 L
<b>14.7 Maritime transport in bulk according to IMO instruments</b>			
	Goods may not be carried in bulk in bulk containers, containers or vehicles.		

## SECTION 15: REGULATORY INFORMATION

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

- Regulation (EC) No 1907/2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) (including last amendment Commission Regulation (EU) 2020/878)

- Regulation (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures

Information according 2004/42/EC about limitation of emissions of volatile organic compounds (VOC-guideline)  
not applicable

Regulation EC 648/2004 on detergents  
No information.

Special instructions  
No information.

## 15.2 Chemical Safety Assessment

No Chemical Safety Assessment has been carried out for this substance/mixture by the supplier.

## SECTION 16: OTHER INFORMATION

### Indication of changes

2.1 Classification of the substance or mixture 3.2 Mixtures

### Key literature references and sources for data

SDS of producer, 2.12.2010, version 2

### Abbreviations and acronyms

ATE - Acute Toxicity Estimate  
ADR - Agreement concerning the International Carriage of Dangerous Goods by Road  
ADN - European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways  
CEN - European Committee for Standardisation  
C&L - Classification and Labelling  
CLP - Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008  
CAS# - Chemical Abstracts Service number  
CMR - Carcinogen, Mutagen, or Reproductive Toxicant  
CSA - Chemical Safety Assessment  
CSR - Chemical Safety Report  
DMEL - Derived Minimal Effect Level  
DNEL - Derived No Effect Level  
DPD - Dangerous Preparations Directive 1999/45/EC  
DSD - Dangerous Substances Directive 67/548/EEC  
DU - Downstream User  
EC - European Community  
ECHA - European Chemicals Agency  
EC-Number - EINECS and ELINCS Number (see also EINECS and ELINCS)  
EEA - European Economic Area (EU + Iceland, Liechtenstein and Norway)  
EEC - European Economic Community  
EINECS - European Inventory of Existing Commercial Substances  
ELINCS - European List of notified Chemical Substances  
EN - European Standard  
EQS - Environmental Quality Standard  
EU - European Union  
Euphrac - European Phrase Catalogue  
EWC - European Waste Catalogue (replaced by LoW – see below)  
GES - Generic Exposure Scenario  
GHS - Globally Harmonized System  
IATA - International Air Transport Association  
ICAO-TI - Technical Instructions for the Safe Transport of Dangerous Goods by Air  
IMDG - International Maritime Dangerous Goods  
IMSBC - International Maritime Solid Bulk Cargoes  
IT - Information Technology  
IUCLID - International Uniform Chemical Information Database  
IUPAC - International Union for Pure Applied Chemistry  
JRC - Joint Research Centre  
Kow - octanol-water partition coefficient  
LC50 - Lethal Concentration to 50 % of a test population  
LD50 - Lethal Dose to 50% of a test population (Median Lethal Dose)  
LE - Legal Entity  
LoW - List of Wastes (see <http://ec.europa.eu/environment/waste/framework/list.htm>)  
LR - Lead Registrant  
M/I - Manufacturer / Importer  
MS - Member States  
MSDS - Material Safety Data Sheet  
OC - Operational Conditions  
OECD - Organization for Economic Co-operation and Development  
OEL - Occupational Exposure Limit

OJ - Official Journal  
OR - Only Representative  
OSHA - European Agency for Safety and Health at work  
PBT - Persistent, Bioaccumulative and Toxic substance  
PEC - Predicted Effect Concentration  
PNEC(s) - Predicted No Effect Concentration(s)  
PPE - Personal Protection Equipment  
(Q)SAR - Qualitative Structure Activity Relationship  
REACH - Registration, Evaluation, Authorisation and Restriction of Chemicals Regulation (EC) No 1907/2006  
RID - Regulations concerning the International Carriage of Dangerous Goods by Rail  
RIP - REACH Implementation Project  
RMM - Risk Management Measure  
SCBA - Self-Contained Breathing Apparatus  
SDS - Safety data sheet  
SIEF - Substance Information Exchange Forum  
SME - Small and Medium sized Enterprises  
STOT - Specific Target Organ Toxicity  
(STOT) RE - Repeated Exposure  
(STOT) SE - Single Exposure  
SVHC - Substances of Very High Concern  
UN - United Nations  
vPvB - Very Persistent and Very Bioaccumulative

#### List of relevant H phrases

H224 Extremely flammable liquid and vapour.  
H225 Highly flammable liquid and vapour.  
H304 May be fatal if swallowed and enters airways.  
H315 Causes skin irritation.  
H319 Causes serious eye irritation.  
H336 May cause drowsiness or dizziness.  
H340 May cause genetic defects.  
H350 May cause cancer.  
H361 Suspected of damaging fertility or the unborn child.  
H361d Suspected of damaging the unborn child.  
H361f Suspected of damaging fertility.  
H372 Causes damage to organs through prolonged or repeated exposure.  
H373 May cause damage to organs through prolonged or repeated exposure.  
H411 Toxic to aquatic life with long lasting effects.



- ☑ Provided correct labelling of the product
- ☑ Compliance with the local legislation
- ☑ Provided correct classification of the product
- ☑ Provided adequate transport data

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*The information of this SDS is based on the present state of our knowledge and meets the requirements of EU and national laws. The user's working conditions however, are beyond our knowledge and control. The product is not to be used for purposes other than those specified under section 1 without a written permission. It remains the responsibility of the user to ensure that the necessary steps are taken to meet the laws and regulations. Handling of the product may only be done by people above 18 years of age, who are satisfactorily informed of how to do the work, the hazardous properties and necessary safety precautions. The information given in this SDS is to describe the product only in terms of health and safety requirements and should not, therefore, be construed as guaranteeing specific properties.*