

[In accordance with the criteria of Regulation No 1907/2006 (REACH) as amended]

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

1.1 Product identifier

00177 The King of Gloss Black & Dark

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

Relevant identified uses: preparation for car care.

Uses advised against: not determined.

1.3 Details of the supplier of the safety data sheet

Supplier: **Nowy Samochód S.A.**

Address: ul. Zbyszka Cybulskiego 3, 00-725 Warsaw, Poland

Telephone/Fax: +48 602-444-356

E-mail: info@soft99.pl

E-mail address for a competent person responsible for sds: biuro@theta-doradztwo.pl

1.4 Emergency telephone number

112

Section 2: Hazards identification

2.1 Classification of the substance or mixture

Flam. Sol. 1 H228, Asp. Tox. 1 H304, STOT RE 1 H372, Aquatic Chronic 3 H412

Flammable solid. May be fatal if swallowed and enters airways. Causes damage to organs (central nervous system) through prolonged or repeated exposure. Harmful to aquatic life, with long lasting effects.

2.2 Label elements

Hazard pictograms and signal words



DANGER

Names of substances mentioned on the label

Contains: solvent naphtha (petroleum), medium aliphatic, distillates (petroleum), alkylate

Hazard statements

H228 Flammable solid.

H304 May be fatal if swallowed and enters airways.

H372 Causes damage to organs (central nervous system) through prolonged or repeated exposure.

H412 Harmful to aquatic life, with long lasting effects.

Precautionary statements

P102 Keep out of reach of children.

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

P261 Avoid breathing vapours.

P271 Use only outdoors or in a well-ventilated area.

P280 Wear protective gloves/protective clothing.

P501 Dispose of contents/container to remove to a suitable container designed for waste selective collection emptied by entitled company.



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2.3 Other hazards

Substances contained in the product do not meet criteria for PBT or vPvB in accordance with Annex XIII of REACH Regulation.

Section 3: Composition/information on ingredients

3.1 Substances

Not applicable.

3.2 Mixtures

distillates (petroleum), alkylate

Concentration range: 40-45%
CAS number: 64741-73-7
EC number: 265-074-0
INDEX number: 649-419-00-6
Registration number: -
Classification: Asp. Tox. 1 H304

solvent naphtha (petroleum), medium aliphatic

Concentration range: 20-25%
CAS number: 64742-88-7
EC number: 265-191-7
INDEX number: 649-405-00-X
Registration number: -
Classification: Asp. Tox. 1 H304, STOT RE 1 H372

nonane

Concentration range: 1-2,5%
CAS number: 111-84-2
EC number: 203-913-4
INDEX number: -
Registration number: -
Classification: Asp. Tox. 1 H304, Skin Irrit. 2 H315, Eye Irrit. 2 H319, Acute Tox. 4 H332, STOT SE 3 H336, Aquatic Chronic 2 H411

1,2,4-trimethylbenzene

Concentration range: 0,48%
CAS number: 95-63-6
EC number: 202-436-9
INDEX number: 601-043-00-3
Registration number: -
Classification: Flam. Liq. 3 H226, Skin Irrit. 2 H315, Eye Irrit. 2 H319, Acute Tox. 4 H332, STOT SE 3 H335, Aquatic Chronic 2 H411

Substance with Community level exposure limit in the workplace.

xylene (mixture of isomers)

Concentration range: 0,32%
CAS number: 1330-20-7
EC number: 215-535-7



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INDEX number: 601-022-00-9
Registration number: -
Classification: Flam. Liq. 3 H226, Acute Tox. 4 H312, Acute Tox. 4 H332, Skin Irrit. 2 H315
Substance with Community level exposure limit in the workplace.
ethylbenzene
Concentration range: < 0,3%
CAS number: 100-41-4
EC number: 202-849-4
INDEX number: 601-023-00-4
Registration number: -
Classification: Flam. Liq. 2 H225, Asp. Tox. 1 H304, Acute Tox. 4 H332, STOT RE 2 H373
Substance with Community level exposure limit in the workplace.
Full text of each relevant H phrase is given in section 16 of SDS.

Section 4: First aid measures

4.1 Description of first aid measures

Skin contact: take off contaminated clothes. Immediately wash contaminated skin thoroughly with water. If there is no sign of irritation it is recommended to use soap. Consult a doctor if disturbing symptoms occur.

Eye contact: contact an ophthalmologist if disturbing symptoms occur. Protect non-irritated eye, remove contact lenses. Rinse contaminated eyes with water for at least 10-15 minutes. Avoid strong stream of water – risk of damage of the cornea.

Ingestion: do not induce vomiting. Call doctor immediately, show container or label. In case of spontaneous vomiting do not allow vomit to enter airways. Never give anything by mouth to an unconscious person.

Inhalation: remove the victim to fresh air. Keep warm and calm. Consult a doctor, if disturbing symptoms occur.

4.2 Most important symptoms and effects, both acute and delayed

Skin contact: redness, dryness.

Eye contact: possible tearing, redness.

Ingestion: abdominal pains, nausea, vomiting, risk of aspiration of the product to the lungs and aspiration pneumonia.

Inhalation: high concentration of vapours and mists may lead to headaches, dizziness and drowsiness.

Exposure effects: causes damage to central nervous system through prolonged or repeated exposure.

4.3 Indication of any immediate medical attention and special treatment needed

Physician makes a decision regarding further medical treatment after thoroughly examination of the injured. Treat symptomatically.

Section 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media: extinguishing powder, alcohol resistant extinguishing foam, carbon dioxide, sand. Adjust extinguishing media to the materials stored in the product vicinity.

Unsuitable extinguishing media: water jet – risk of propagation of flame.

5.2 Special hazards arising from the substance or mixture

Isolate the exposed area, do not take any actions which may cause risk for life and health. During combustion harmful gases consisting of carbon oxides, nitrous oxides, organic vapours etc. may be produced. Do not inhale combustion products, it may cause health risk. Pressure inside the container increases when heated or exposed to fire, what may lead to an explosion.



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5.3 Advice for firefighters

Flammable solid. Personal protection typical in case of fire. Do not stay in the fire zone without self-contained breathing apparatus and protective clothing resistant to chemicals. Product vapours may create explosive mixtures with air. Cool endangered containers with water fog from a safe distance. Collect used extinguishing media. Do not let extinguishing water to reach drainage system, ground and surface waters.

Section 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Limit the access for the outsiders into the breakdown area, until the suitable cleaning operations are completed. Ensure that removing the problem and its results is conducted by a trained personnel only. In case of large spills, isolate the exposed area. Wear adequate personal protective equipment. Avoid eyes and skin contamination. Do not inhale product vapours. Ensure adequate ventilation. Remove sources of ignition and naked flame. Do not use sparking tools. Prohibit smoking. Warning! Risk of slipping on a spilled product.

6.2 Environmental precautions

In case of release of large amounts of the product, it is necessary to take appropriate steps to prevent it from spreading into the environment. Material can be hazardous to the environment if released in large amounts. Notify relevant emergency services. Secure sewers, water installations and entrances to basements and other closed areas.

6.3 Methods and material for containment and cleaning up

Put damaged containers in a tight protective container. Collect spilled product mechanically (eg. using industrial vacuum cleaner) and place it in correctly labelled containers. Treat collected material as waste. Clean contaminated place using water and mild detergent. Ventilate contaminated area. Use non-sparking tools.

6.4 Reference to other sections

Appropriate conduct with waste product – section 13. Personal protection equipment – section 8.

Section 7: Handling and storage

7.1 Precautions for safe handling

Handle in accordance with good occupational hygiene and safety practices. Do not eat, drink or smoke during work. Wear personal protective equipment. Avoid eyes and skin contamination. Do not inhale product vapours. Ensure adequate ventilation. Wash hands before breaks and after work. Keep unused containers tightly sealed. Protect product from moisture and high temperature. Work away from sources of fire.

7.2 Conditions for safe storage, including any incompatibilities

Store only in original, tight containers in a dry, cool and well ventilated place. Keep away from food, foodstuffs, animal feed and drinking water. Opened container should be resealed and stored upright to prevent leaking. Store away from sources of ignition and direct sunlight.

7.3 Specific end use(s)

No information about uses other than mentioned in subsection 1.2.

Section 8: Exposure controls/personal protection

8.1 Control parameters

Specification	Limit values	
	8 hours	short term
xylene [CAS 1330-20-7]	221 mg/m ³	442 mg/m ³
ethylbenzene [CAS 100-41-4]	442 mg/m ³	884 mg/m ³
1,2,4-trimethylbenzene [CAS 95-63-6]	100 mg/m ³	-

Legal Basis: Commission Directive 2006/15/EC, 2000/39/EC, 2009/161/EC

Please check any national occupational exposure limit values in your country.

Recommended control procedures

Procedures Concerning the control over the dangerous components concentrations in the air and control over the air quality in the workplace - if they are available and Justified for the position - in Accordance with the European Standards, with the conditions within the exposure place and a proper test methodology adapted to the working conditions.

8.2 Exposure controls

Observe good occupational hygiene and safety practices. Do not eat, drink or smoke when using the product. Avoid eyes and skin contamination. Ensure adequate general and/or local ventilation to ensure the maintenance of concentrations of hazardous components in the air below the exposure limit values. If there is a risk of inflammation of the clothing on worker, showers and eye safety washers should be installed near the workplace.

Hand and body protection

Use adequate protective gloves. According to the demand wear gloves resistant to solvents or vinyl gloves. In case of short term contact use protective gloves with effectiveness level 2 or higher (permeation time > 30 minutes). In case of long term contact use protective gloves with effectiveness level 6 (permeation time > 480 minutes). Wear protective clothing.

When using protective gloves during work with chemical products, it should be noted that the efficacy levels and corresponding breakthrough times do not indicate actual times of protection at a particular workplace, because the protection can be affected by many factors, e.g. temperature, other substances etc. If there are any signs of degradation, damage or change in appearance (colour, flexibility, shape), it is recommended to replace the gloves with a new pair. Please follow the manufacturer's instructions, not only in terms of gloves' usage, but also in terms of their cleaning, maintenance and storage. It is also important to know how to take off the gloves in order to avoid hands contamination.

Eye protection

Use tightly fitting protective glasses if there is a risk of eye contamination.

Respiratory protection

If the limit values are exceed or in case of emergency use equipment or suitable protection class filter (class 1/protection against gases or vapours with a concentration in the air volume not exceeding 0.1%, class 2 / protection against gases or vapours with a concentration in the air not exceeding 0.5%, class 3 / protect against gases or vapours at concentrations in the air volume to 1%). In cases where the oxygen concentration is $\leq 17\%$ and / or maximum concentration of toxic substances in the air is $\geq 1.0\%$ by volume breathing apparatus should be used.

Personal protective equipment must meet requirements of directive 89/686/CE. Employer is obliged to ensure equipment adequate to activities carried out, with quality demands, cleaning and maintenance.

Environmental exposure controls

Avoid release to the environment, do not enter the sewage system. Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation.

Section 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

physical state:	solid/paste
colour:	light yellow
odour:	characteristic for organic solvents
odour threshold:	not determined
pH:	not determined
melting point/freezing point:	not determined
initial boiling point and boiling range:	150-200°C
flash point:	42°C
evaporation rate:	not determined
flammability (solid, gas):	not applicable
upper/lower flammability or explosive limits:	7,0%/0,6% vol.
vapour pressure:	not determined



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vapour density:	not determined
density:	nie oznaczono
solubility(ies):	insoluble in water
partition coefficient: n-octanol/water:	not determined
auto-ignition temperature:	230°C
decomposition temperature:	not determined
explosive properties:	not display
oxidising properties:	not display
dynamic viscosity:	not determined

9.2 Other information

No additional test results.

Section 10: Stability and reactivity

10.1 Reactivity

Product is reactive. It does not undergo hazardous polymerization. See also subsections 10.3 and 10.5

10.2 Chemical stability

The product is stable under normal conditions of handling and storage.

10.3 Possibility of hazardous reactions

Hazardous reactions are not known.

10.4 Conditions to avoid

Avoid direct sunlight, sources of heat and fire.

10.5 Incompatible materials

Avoid contact with strong oxidizers.

10.6 Hazardous decomposition products

There are no hazardous decomposition products when product is stored and used as recommended.

Section 11: Toxicological information

11.1 Information on toxicological effects

Toxicity of components

xylene [CAS 1330-20-7]

LD ₅₀ (oral, rat)	3500 mg/kg
LD ₅₀ (skin, rabbit)	>4350 mg/kg
LD ₅₀ (inhalation,4h, rat)	29,08 mg/l

1,2,4-trimethylbenzene [CAS 95-63-6]

LD ₅₀ (oral, rat)	8970 mg/kg
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ethylbenzene [CAS 100-41-4]

LD ₅₀ (oral, rat)	3500 mg/kg
LD ₅₀ (skin, rabbit)	15400 mg/kg
LD ₅₀ (inhalation, rat)	17,2 mg/l

Toxicity of mixture

Information regarding acute and/or delayed results of the exposure was defined on the basis of the information on product's classification and/or toxicological studies as well as the experience and knowledge of the manufacturer.

Acute Toxicity

ATE_{mix} value was calculated using relevant converted acute toxicity point estimate included in 3.1.2 table from Regulation 1272/2008/EC and test results.

ATE_{mix} (skin) > 2000 mg/kg

ATE_{mix} (inhalation) > 20 mg/l

Based on available data, the classification criteria are not met.

Skin corrosion/irritation

Based on available data, the classification criteria are not met.

Serious eye damage/irritation

Based on available data, the classification criteria are not met.

Respiratory or skin sensitization

Based on available data, the classification criteria are not met.

Germ cell mutagenicity

Based on available data, the classification criteria are not met.

Carcinogenicity

Based on available data, the classification criteria are not met.

Reproductive toxicity

Based on available data, the classification criteria are not met.

STOT-single exposure

Based on available data, the classification criteria are not met.

STOT-repeated exposure

Causes damage to central nervous system through prolonged or repeated exposure.

Aspiration hazard

May be fatal if swallowed and enters airways. Due to the low viscosity, if swallowed or vomited, product may directly penetrate into lungs and cause serious damage (pneumonia).

Section 12: Ecological information

12.1 Toksyczność

Toxicity of components

xylene (CAS 1330-20-7)

Toxicity for fish: LC₅₀/96h 3,3 mg/l (Rainbow trout)

Toxicity of mixture

Product is harmful to aquatic environment, with long lasting effects.

12.2 Persistence and degradability

No data for the mixture.

Components biodegradability

xylene [CAS 1330-20-7]

Undergoes biodegradation in 70% within 10 days.

ethylbenzene [CAS 100-41-4]

Undergoes biodegradation in 70-80% within 28 days.

12.3 Bioaccumulative potential

Bioaccumulation is not expected.

xylene [CAS 1330-20-7]

log Po/w 3,15

ethylbenzene [CAS 100-41-4]

log Po/w 3,6

12.4 Mobility in soil

Product is insoluble and has lower density than water. It accumulates on the surface of water, creating layer which impedes exchange of oxygen. Mobility of components of the mixture depends on the hydrophilic and hydrophobic properties and biotic and abiotic conditions of soil, including its structure, climatic conditions, seasons and soil organisms.

12.5 Results of PBT and vPvB assessment

Not applicable.

12.6 Other adverse effects

Product is not classified as hazardous to the ozone layer. Consider other harmful effects of individual components of the mixture on the environment (eg, endocrine disrupting potential, global warming potential).

Section 13: Disposal considerations

13.1 Waste treatment methods

Disposal methods for the mixture: disposal in accordance with the local legislation. Store product residues in original containers. Do not let product to enter sewage system. Waste code should be assigned in place of formation. Waste should be classified as hazardous.

Disposal methods for used packing: reuse/recycle/liquidate empty containers in accordance with the local legislation. Only completely empty packing can be recycled.

Legal basis: Directive 2008/98/EC, 94/62/EC.

Section 14: Transport information

14.1 UN Number

UN 3175

14.2 UN proper shipping name

SOLIDS CONTAINING FLAMMABLE LIQUID, N.O.S. [SOLVENT NAPHTHA (PETROLEUM), MEDIUM ALIPHATIC, DISTILLATES (PETROLEUM), ALKYLATE]



14.3 Transport hazard class(es)

4.1

14.4 Packing group

II

14.5 Environmental hazards

Product is not classified as dangerous for the environment according to transport regulations.

14.6 Special precautions for user

Use personal protective equipment in accordance with section 8 of SDS. Transport in <40 °C.

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

Commission Regulation (EU) 2015/830 of 28 May 2015 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH)

Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorization 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 as amended.



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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 (Text with EEA relevance) as amended.

Directive 2008/98/EC of the European Parliament and of the Council of 19 November 2008 on waste and repealing certain Directives.

European Parliament and Council Directive 94/62/EC of 20 December 1994 on packaging and packaging waste

15.2 Chemical safety assessment

It is not necessary to carry out a chemical safety assessment for the mixture.

Section 16: Other information

Full text of indicated H phrases mentioned in section 3

H225	Highly flammable liquid and vapour.
H226	Flammable liquid and vapour.
H304	May be fatal if swallowed and enters airways.
H312	Harmful in contact with skin.
H315	Causes skin irritation.
H319	Causes serious eye irritation.
H332	Harmful if inhaled.
H336	May cause drowsiness or dizziness.
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.

Abbreviations and acronyms

Flam. Liq. 2,3	Flammable liquid category 2,3
Asp. Tox. 1	Aspiration toxicity category 1
STOT RE 1,2	Specific target organ toxicity – repeated exposure category 1,2
Aquatic Chronic 2	Toxicity for aquatic organisms – chronic toxicity category 2
Acute Tox. 4	Acute Toxicity category 4
Skin Irrit. 2	Skin irritation category 2
Eye Irrit. 2	Eye Irritation category 2
STOT SE 3	Specific target organ toxicity – single exposure category 3
PBT	Persistent, Bioaccumulative and Toxic substance
vPvB	very Persistent, very Bioaccumulative substance

Trainings

Before commencing working with the product, the user should learn the Health & Safety regulations, regarding handling chemicals, and in particular, undergo a proper workplace training. Persons related to the transportation of the dangerous goods in compliance with the ADR Agreement should be properly trained within the scope of performed tasks (general training, on-the-job training and training related to the safety issues).

Additional information

Classification was based on data on hazardous substances calculation method under the guidance of Regulation 1272/2008/EC (CLP). ATEmix value was calculated using relevant converted acute toxicity point estimate included in 3.1.2 table from Regulation 1272/2008/EC and test results.

Composed by: mgr Anna Michalska-Maciejczyk (on the basis of producer's data)

Safety Data Sheet made by: „THETA” Technical Consulting

The information above is based on a current available data concerning the product, but also on the experience and knowledge in this field of the producer. They are neither a quality description of the product nor a guarantee of particular features. They are to be treated as aid to safety in transport, storage and usage of the product. That does not free the user from the responsibility of improper usage of the information above and also of improper compliance with the law norms in the field.