

SAFETY DATA SHEET

According to the Regulation (EC) 1907/2006 and Regulation (EC) 1272/2008

LUKOIL SUPER semi-synthetic SAE 5W-40, API SG/CD

Issue date: April 5, 2011

Harmonized Romanian Version: April 5, 2011

Page 1 of 13

1. IDENTIFICATION OF THE SUBSTANCE / MIXTURE AND OF THE COMPANY / UNDERTAKING

Product identification

Product name: LUKOIL SUPER semi-synthetic SAE 5W-40, API SG/CD

Relevant uses of the substance or mixture and non-recommended uses

Use: The **LUKOIL SUPER** all season universal lubricating oils for engines are obtained, as appropriate, from synthetic base oils / iso-paraffinic components with very high viscosity index / highly refined paraffinous oils or mixtures of these specific components and additives which give them the API SG/CD additivation level.

The oil is recommended for cars, vans and light trucks with heavy-duty, moderately supercharged gasoline or Diesel engines, in accordance with the operating instructions from the technical manual of the engine.

Details regarding the supplier of the safety data sheet

Identification of the manufacturer:

LUKOIL LUBRICANTS EAST EUROPE S.R.L.
11-15 Tipografilor St, Building A2, ground floor, Bucharest,
Sector 1, Romania,
Emergency tel.: +40 244 504 651 from 9⁰⁰ to 17⁰⁰
E-mail: www.lukoil-lubricants.ro

2. HAZARD IDENTIFICATION

2.1 PRODUCT / MIXTURE CLASSIFICATION

Classification according to Directive EC 67/548/EEC, Directive 1999/45/EC, Government Decision 1408/2008 and Government Decision 937/2010

The product is not classified as hazardous for health or environment.

Classification according to Regulation CLP, Annex VI, Harmonized classification list (Regulation EC No. 790/2009)

The classification according to **Regulation (EC) No. 1272/2008** and **Regulation (EC) No. 790/2009** is not available.

Hazard for health:

This product is not classified as hazardous for health.

Excessive exposure to the product in contact with the skin may sometimes cause irritation and/or dermatitis, depending on the individual sensitivity.

Hazards for the environment:

This product is not classified as hazardous for the environment.

Avoid product release in the environment.

Accidental releases form a film on water surface, obstructing oxygen transfer.

Safety hazards:

The product contains substances with exposure occupational limit (see section 8).

2.2 LABELLING ELEMENTS

SAFETY DATA SHEET

According to the Regulation (EC) 1907/2006 and Regulation (EC)1272/2008

LUKOIL SUPER semi-synthetic SAE 5W-40, API SG/CD

Issue date: April 5, 2011

Harmonized Romanian Version: April 5, 2011

Page 2 of 13

Labelling according to Directive EC 67/548 and its amendments, Government Decision 1408/2008 and Government Decision 937/2010.

Labelling according to the EC Directives.

Symbol: Not necessary

Risk phrases: Not necessary

Safety phrases (S):

S2 Keep out of the reach of children

S24/25 Avoid contact with skin and eyes.

S29 Do not empty into drains

S36 Wear suitable protective clothing.

S60 This material and its container must be disposed of as hazardous waste.

S61 Avoid release to the environment. Refer to special instructions / safety data sheets.

Labelling according to the EC Regulation No. 1272/2008 on classification, labelling and packaging of substances and mixtures, and its amendments.

Labelling according to the EC Regulation No. 1272/2008

The labelling according to **EC Regulation No. 1272/2008** and **EC Regulation No. 790/2009** is not available.

3. COMPOSITION/INFORMATION ON COMPONENTS

Product description/characterisation: mixture of mineral base oils and additives

Hazardous components:

ITEM NO.	CHEMICAL DENOMINATION	CONC. [%]	IDENTIFICATION NO.	CLASSIFICATION	
				Directive 67/548/EEC and Gov. Dec. 1408/2008	Regulation (EC)1272/2008 (CLP)
1.	Distillates, petroleum, solvent-refined heavy paraffinic Baseoil - unspecified	50-55	REACH registration No.: 01-2119488706-23-0024 EC No.: 265-090-8 CAS No.: 64741-88-4 INDEX No.: 649-454-00-7	- According to H, L* Notes	- According to H, L* Notes
2.	Paraffin oils (petroleum), catalytic dewaxed heavy; Baseoil - unspecified	28-32	REACH registration No.: 01-2119487080-42-0004 EC No.: 265-174-4 CAS No.: 64742-70-7 INDEX No.: 649-477-00-2	- According to H, L* Notes	- According to H, L* Notes
3.	Distillates(petroleum), hydrotreated heavy paraffinic	3.0-3.5	REACH registration No.: 01-2119484627-25-0035 CAS No.: 64742-54-7 EC No.: 265-157-1 INDEX No.: 649-528-00-9	- According to H, L* Notes	- According to H, L* Notes

SAFETY DATA SHEET

According to the Regulation (EC) 1907/2006 and Regulation (EC)1272/2008

LUKOIL SUPER semi-synthetic SAE 5W-40, API SG/CD

Issue date: April 5, 2011

Harmonized Romanian Version: April 5, 2011

Page 3 of 13

4.	Calcium 2-dodecyl-3-(2-dodecyl-3-oxidophenyl) sulfanyphenolate (Calcium alkylphenolate)	1.7-2.0	CAS No.: 26998-97-0 EC No.: 248-159-0 INDEX No.: -	Xi,R36/37/38, R52/53	It does not exist in Annex VI of Reg.1272/2008
5.	Amines, polyethylenepoly-, distn. residues (Succinimide)	2.0-2.5	CAS No.: 91745-55-0 EC No.: 294-726-7 INDEX No.: -	Xi,R36/37/38, R52/53	It does not exist in Annex VI of Reg.1272/2008
6.	Benzenesulfonic acid,C14-44-branched and linear alkyl derivs., calcium salts	3.0-3.3	CAS No.: 91696-73-0 EC No.: 294-232-1 INDEX No.: -	Xi,R36/37/38, R52/53	It does not exist in Annex VI of Reg.1272/2008
7.	Magnesium,C15-36-branched alkylbenzenesulfonate octadecylbenzenesulfonate complexes (Magnesium sulphonate)	0.3-0.4	CAS No.: 90431-56-4 EC No.: 291-581-1 INDEX No.: -	Xi,R36/37/38, R52/53	It does not exist in Annex VI of Reg.1272/2008
8.	Zinc,bis[O,O-bis(2-ethylhexyl) phosphorodithioato-kS,kS']-, (T-4)-	1.8-2.1	CAS No.: 4259-15-8 EC No.: 224-235-5 INDEX No.: -	Xi,R37, R52/53	It does not exist in Annex VI of Reg.1272/2008
9.	Phosphorodithioic acid,mixed O,O-bis(iso-Bu and pentyl) esters, zinc salts	0.1-0.3	CAS No.: 68457-79-4 EC No.: 270-608-0 INDEX No.: -	Xi,R37, R52/53	It does not exist in Annex VI of Reg.1272/2008
10.	Dodecyl methacrylate	0.0045	REACH registration No.: Not available EC No.: 205-570-6 CAS No.: 142-90-5 INDEX No.: 607-247-00-9	Xi, N, R36/37/38, R50/53	GHS07 GHS09 Eye Irrit. 2, H319 STOT SE 3, H335 Skin Irrit. 2, H315 Aquatic Acute 1 H400 Aquatic Chronic 1 H410
11.	Alkaryl hydrocarbons	0.0027	CAS No.: - EC No.: polymer Nr. INDEX: -	Xn, R65,R66,R53	It does not exist in Annex VI of Reg.1272/2008

The substance is not classified as carcinogenic T, R45 according to Directive EC 67/548/EEC and the Government Decision 1408/2008 or GHS08, Carc. 1B, H350 according to Regulation (EC) No. 1272/2008 (CLP) as it complies with Note L having polynuclear aromatic hydrocarbon content < 3% determined in accordance with IP 346 (dimethyl sulfoxide extraction) (Annex VI – Regulation EC 1272/2008).

See section 16 for the full text of R phrases

See section 16 for the full text of H phrases

4. FIRST AID MEASURES

Description of first aid measures

SAFETY DATA SHEET

According to the Regulation (EC) 1907/2006 and Regulation (EC)1272/2008

LUKOIL SUPER semi-synthetic SAE 5W-40, API SG/CD

Issue date: April 5, 2011

Harmonized Romanian Version: April 5, 2011

Page 4 of 13

General information:	Immediately remove the product-contaminated clothes and footwear. Never give anything to drink and do not induce vomiting in case the victim is no longer conscious. If any symptom appears, get medical attention.
Inhalation:	Move the exposed person to fresh air. Keep the body temperature. Keep the patient calm. In case respiratory system irritations, drowsiness, loss of consciousness occur, immediately get medical attention.
Contact with eyes:	Wash the eyes with plenty of water, repeatedly, for 15 minutes. If irritation occurs, get specialized medical attention (ophthalmologist).
Contact with skin:	Wash with water and soap the area that came into contact with the product. If irritation appears, get medical attention.
Ingestion:	Do not induce vomiting. Wash the mouth with plenty of water. If vomiting sensation or other symptoms appear, immediately get medical attention and show the safety data sheet.
The most important symptoms and effects, both acute and delayed:	Not known.
Indications regarding any kind of immediate medical attention and special necessary treatment:	In case of involuntary vomiting, the substance should not be aspirated into the lungs, as it may cause severe pulmonary problems. Give symptomatic treatment.

5. FIRE-FIGHTING MEASURES

Recommended extinguishing media:	Foam, chemical powder, carbon dioxide, sprayed water, sand.
Not recommended extinguishing media:	Water jet, due to safety reasons, as it may cause foaming and fire propagation. The spilled but not-ignited product should be covered with sand or foam.
Special exposure hazards caused by the burning substances or products generated during a fire:	During a fire, carbon oxides, incomplete combustion products and toxic smoke may be released. Avoid spraying hot surfaces or electric circuits with the product. Product losses from pipes under pressure generate product mist.
Fire-fighting:	Evacuate the area, take measures to prevent product spillage into waters, sewage, or water supply network. Use sprayed water to cool down the containers located in the fire area. Remove the containers exposed to the fire, if this action does not involve risks. Closed area fires shall be extinguished by specialized personnel only.
Protective equipment for fire fighters:	

SAFETY DATA SHEET

According to the Regulation (EC) 1907/2006 and Regulation (EC)1272/2008

LUKOIL SUPER semi-synthetic SAE 5W-40, API SG/CD

Issue date: April 5, 2011

Harmonized Romanian Version: April 5, 2011

Page 5 of 13

Note:	<p>Special protective equipment shall be used. Respiratory system protection is necessary, mainly in closed spaces. The protective equipment shall comply with the Government Decision 160/2007.</p> <p>Take precautionary measures collecting the residues and the water resulted from fire extinguishing, in order to avoid spillage in waters, sewage or drinkable water supply system.</p>
6. ACCIDENTAL RELEASE MEASURES	
Precautionary measures for the personnel, protective equipment and emergency procedures:	
<p>Isolate the contaminated area. Remove fire or spark sources. Local ventilation is provided as protection measure for the respiratory system. The persons participating in the cleaning of the contaminated area shall use the individual protective equipment specified in section 8. Evacuate the unauthorized persons.</p>	
Precautionary measures regarding the environment:	
<p>Stop the spillage without assuming risks. Do not touch and do not step on the spilled material. Prevent spillage entering waters, sewage or water supply system, containing it with sand or earth. In case the product has already entered surface waters, sewage or soil, immediately notify the competent authorities.</p>	
Methods and materials for fire isolation and cleaning:	
Liquid spilled on the ground:	<p>Contain the liquid spillage with sand, earth or another adequate absorbing material. Recover the fluid by pumping. Dispose the waste in compliance with the national legislation mentioned in section 13.</p>
Liquid spread on water surface:	<p>Contain the spillage. Remove the product film from the water surface or use adequate absorbents. Dispose the waste according to the national legislation mentioned in section 13. Notify the competent local authorities.</p>
7. HANDLING AND STORAGE	
General information:	<p>Follow the product handling general procedures. The product may accumulate electrostatic charges. Keep the product far from heat or fire sources.</p>
Handling Instructions for safe handling:	<p>Handle and store the product in well-ventilated areas only. Avoid the contact with eyes, skin and clothes. Avoid oil vapour inhaling. Prevent aerosol forming and small product leakage to avoid slipping risk. When the product is handled (pipeline system filling, product transfer), all the technical equipment and plants used for this purpose shall be connected to the earthing belt, to prevent electrostatic discharges. Electric plants and equipment shall meet the safety requirements (explosion</p>

SAFETY DATA SHEET

According to the Regulation (EC) 1907/2006 and Regulation (EC)1272/2008

LUKOIL SUPER semi-synthetic SAE 5W-40, API SG/CD

Issue date: April 5, 2011

Harmonized Romanian Version: April 5, 2011

Page 6 of 13

Storage

Safe storage conditions, any incompatibilities included:

proof) during the operation in an environment with potential explosion hazard. The personnel shall use protective equipment complying with section 8 and it shall be trained regarding the health and safety at work, the first aid as well as the fire-prevention and fire-fighting measures.

Follow the specific norms for petroleum product storage.

The product shall be stored in tightly sealed tanks/containers/drums, labelled and placed in well-ventilated and covered spaces, away from heat sources, solar radiation or ignition sources. The floor should be impermeable. In case of accidental liquid spillage, the product shall be collected in the specially built gutters. In the properly ventilated storage rooms it is forbidden to work with open fire and the lighting system shall have a protection system against explosion.

Adequate container materials: Stainless steel or other hydrocarbon-resistant materials.

Storage together with other products:

It is forbidden to store this product together with explosive substances, compressed-, liquefied- or under pressure gas, with flammable substances or with strongly oxidizing substances.

Storage temperature: - 5 °C and + 40 °C.

8. EXPOSURE CONTROL / PERSONAL PROTECTION

Control parameters:

Exposure control measures: Provide ventilation with exhausting system, so that not to exceed the limit values of occupational exposure.

Limit values of occupational exposure according to **Law 319/2006** on Safety and health at work and **Government Decision 1218/2006** on establishing minimum requirements for safety and health at work in order to ensure workers' protection against the risks related to the presence of the chemical agents – Annex 1:

No.	COMPONENT	Limit value, mg/m ³	
		Long term exposure 8 hours	Short term exposure 15 minutes
1.	Oil (mist)	5 mg/m ³	10 mg/m ³

Exposure controls

Personal protective equipment

Respiratory protection: No respiratory protection is necessary in case proper ventilation exists at the work place and in open spaces. When, by accumulation, the concentration exceeds the occupational exposure limit (insufficient ventilation) or in closed spaces, a respiratory protection device shall be used.

Hands protection: Use gloves resistant to lubricating oil (complying with SR EN 374).

Eyes protection: Wear safety glasses.

Body protection: Protective equipment, including footwear resistant to mineral oil.

General protection and

SAFETY DATA SHEET

According to the Regulation (EC) 1907/2006 and Regulation (EC)1272/2008

LUKOIL SUPER semi-synthetic SAE 5W-40, API SG/CD

Issue date: April 5, 2011

Harmonized Romanian Version: April 5, 2011

Page 7 of 13

hygiene measures:

Avoid the contact with eyes, skin and footwear.
Remove the clothes and footwear that were contaminated or stained with product. Wash contaminated clothes with water and soap before reuse.
Wash the hands with water and soap (do not use solvents or other irritating products that have a skin degreasing effect) before the lunch, drinking and smoking breaks, before going to the toilet or at the end of the work hours.
Do not eat, drink and smoke at the work place.
Provide eye showers and shower cabins near working places.

Environment exposure control: Check the emissions generated during work to ensure that they comply with environmental protection legislation. If necessary, make technological changes of the production equipment in order to reduce the emissions at acceptable levels.

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information regarding the main physical and chemical properties

Physical-chemical characteristics	Values	Test methods
State of aggregation	liquid	-
Smell	specific	-
9.2 Important information for health, safety and environment		
Kinematic viscosity at 100 °C, mm 2/ sec (cSt)	12.5 ÷ 16.3	SR EN ISO 3104/AC ASTM D 445 ASTM D 7042
Viscosity index, min.	130	STAS 55 ASTM D 2270 ASTM D 7042
Base number, mg KOH/g, min.	6.0	SR ISO 3771 ASTM D 2896
Flash point, open cup, °C , min.	200	SR EN ISO 2592 ASTM D 92
* Apparent (dynamic) viscosity, determined using the Cold Crank Simulator (CCS) at -30°C, cP, max. at -25°C, cP, max. at -20°C, cP, max. at -15°C, cP, max.	6600 - - -	ASTM D 5293
* Apparent (dynamic) viscosity, determined using a Mini-Rotary Viscometer (MRV), at -35°C, cP, max. at -30°C, cP, max. at -25°C, cP, max. at -20°C, cP, max.	60000 - - -	ASTM D 4684
*Sulphated ash %, max.	1.3	SR ISO 3987 ASTM D 874
Water content, %, max.	absent	SR 13484 ASTM D 95
*Substances insoluble in organic solvents,%	0.015	STAS 33

SAFETY DATA SHEET

According to the Regulation (EC) 1907/2006 and Regulation (EC)1272/2008

LUKOIL SUPER semi-synthetic SAE 5W-40, API SG/CD

Issue date: April 5, 2011

Harmonized Romanian Version: April 5, 2011

Page 8 of 13

Pour point, °C, max.	-40	STAS 6170 ASTM D 97
*Noack volatility, %, max.	15	STAS 8465 ASTM D 5800
* Active element content: Calcium, % Zinc, %	To be reported	STAS 8428 STAS 7717
Density at 20°C, Kg/m ³	To be reported	SR EN ISO 3675/C91 ASTM D 1298 ASTM D 7042
*Phosphorus content, %, max.	0.12	STAS 7330
Foaming properties, ml (tendency – stability), max. - at 24°C - at 93,5°C - at 24°C, after determination at 93.5°C	10 – 0 50 – 0 10 – 0	SR ISO 6247+ C1 ASTM D 892
* This characteristic is guaranteed by means of the manufacturing technology.		

10. STABILITY AND REACTIVITY

Stability:	The product is stable under normal use and storage conditions.
Conditions to be avoided:	High temperatures, ignition sources.
Incompatible materials:	Strongly oxidizing substances.
Hazardous decomposition products:	Carbon monoxide, carbon dioxide and low molecular weight hydrocarbons may be formed in case of heating or fire.

11. TOXICOLOGICAL INFORMATION

No toxicological studies on the product as such were performed.

Toxicity data for the components:

Acute toxicity mineral oils:

Acute toxicity:

Acute oral toxicity: LD₅₀, oral, rats > 5000 mg/kg (literature and Concawe studies).

Acute dermal toxicity: LD₅₀, dermal, rabbits > 2000 mg/kg (literature and Concawe studies).

Acute inhalation toxicity: LC₅₀, inhalation > 5000 mg/m³ (literature).

Irritating effects

Contact with the eyes: Not irritating (Concawe studies).

Contact with the skin: Not irritating (Concawe studies).

Sensitization: Not sensitizing (Concawe studies).

SAFETY DATA SHEET

According to the Regulation (EC) 1907/2006 and Regulation (EC)1272/2008

LUKOIL SUPER semi-synthetic SAE 5W-40, API SG/CD

Issue date: April 5, 2011

Harmonized Romanian Version: April 5, 2011

Page 9 of 13

Inhalation:	High vapour concentration or product mist may irritate the respiratory system.
<u>Chronic effects</u>	
Carcinogenic effect:	As the DMSO extract determined in accordance with IP 346 is < 3% w/w, the product is not carcinogenic.
Mutagenic effect:	Not mutagenic. From the evaluation of the data obtained <i>in vivo</i> and <i>in vitro</i> on the "OLBO" category (other lubricant base oils), which includes the product, it results that this category of lubricating oils is not mutagenic (Concawe studies).
Reproduction Toxicity:	Not toxic for reproduction (toxicological studies on reproduction and growth according to OECD 421 or 422 – Concawe).
<u>Toxicological information on additives:</u>	
<u>Dodecyl methacrylate</u>	
Acute oral toxicity:	Low toxicity if ingested. LD ₅₀ , rat: > 2.000 mg/kg (by analogy).
Acute dermal toxicity:	Low toxicity in contact with the skin. LD ₅₀ , rabbit: > 2.000 mg/kg (by analogy).
Irritating effect to the eyes:	Contact with the eyes may cause irritation.
Additional toxicological information	Avoid the contact with skin and eyes. Avoid product vapour inhaling.
The substance is not classified as hazardous for human health.	

12. ECOLOGICAL INFORMATION

No eco-toxicological studies on the product as such were performed

Data regarding the components:

Acute ecotoxicity mineral oils:

Acute aquatic toxicity:

Toxicity, fish, 96h: LC₅₀ > 100 mg/l - tested species *Pimephales promelas* (Concawe studies).

Toxicity, water flea, 48h: LE50 >10,000 mg/l - tested species *Daphnia Magna* (Concawe studies).

Growth inhibition, algae, 72h: NOEL >100 mg/l - tested species *Pseudokirchneriella subcapitata* (Concawe studies)

Breath inhibition on active mud, 4 days: NOEL >1.93 mg/l - tested species *Photobacterium phosphoreum* (Concawe studies).

Mobility: The product is not soluble in water
In case of accidental releases:
- it floats at water surface, forming a film that prevents the process of normal oxygen transfer in water.

SAFETY DATA SHEET

According to the Regulation (EC) 1907/2006 and Regulation (EC)1272/2008

LUKOIL SUPER semi-synthetic SAE 5W-40, API SG/CD

Issue date: April 5, 2011

Harmonized Romanian Version: April 5, 2011

Page 10 of 13

- it is absorbed in the soil and may cause deep water infestation.

Ecotoxicity additives:

LC50 fish = 0.05 mg/l
Soil organisms: 0.1 mg/kg

Toxic action:

Organisms with a diameter smaller than 1 mm (like: phytoplankton, organisms from the zooplankton) are very sensitive to pollution. Additivated oil solutions in water pose the hazard of accumulation in the organisms from the water treatment stations. The product forms a film above the water surface, which obstructs the normal oxygen transfer process in water

The product is not classified as hazardous for the environment.

13. DISPOSAL CONSIDERATIONS

Product waste treatment methods: The product waste should be treated as a hazardous waste and handed over to the authorized collecting points, according to the laws in force.

Waste disposal legislation: Government Emergency Ordinance 78/2000 on the regime of waste, approved by Law 426/2001;
Government Emergency Ordinance 16/2001 on the management of recyclable industrial waste, approved with amendments by Law 465/2001;
Government Decision 128/2002 on waste incineration, amended and supplemented by Government Decision 268/2005;
Order of the Ministry of Water and Environment Protection No. 756/2004 for approving the Technical norms on waste incineration;
Government Decision 349/2005 on waste storage;
Government Decision 235/2007 on waste lubricating oil management.
Government Decision 856/ 2002 on waste record-keeping and management and for approving the list which includes the wastes, hazardous ones included.
Government Decision 1061/2008 on hazardous and non- hazardous waste transport in Romania.
Government Decision 427/2010 on amending and supplementing of Government Decision 128/2002 on waste incineration.

Product waste code: 13 08 oil wastes not otherwise specified.
The waste code is set according to the use. When the product is used for other purposes, the user is obliged to give the product another code.

Waste container disposal: Containers that contain substance residues should be treated as a hazardous waste and handed over to the authorized collecting points, according to the laws in force.

Legislation on packaging waste: Government Decision 621 /2005 on the management of packaging and packaging waste.
Government Decision 1872/2006 on the change and supplementing of Government Decision 621 /2005 regarding the management of packaging and packaging waste.

Packaging waste code: 15 01 10* packaging which contain residues or are contaminated with

SAFETY DATA SHEET

According to the Regulation (EC) 1907/2006 and Regulation (EC)1272/2008

LUKOIL SUPER semi-synthetic SAE 5W-40, API SG/CD

Issue date: April 5, 2011

Harmonized Romanian Version: April 5, 2011

Page 11 of 13

hazardous substances.

14. TRANSPORT INFORMATION

Road / railway transport (ADR/RID):

Product name: Not classified

Transport by sea (IMDG):

Product name: Not classified

Air transport (IATA):

Product name: Not classified

Additional information:

It is not classified as a dangerous product, according to the transport regulations.

15. REGULATORY INFORMATION

Regulations / laws in the field of safety, health and environment specific for the relevant substance or mixture:

Regulation (EC) No. 1907/2006 – REACH

Restrictions for placing on the market and use,

Regulation 552/2009: It does not contain substances for which restrictions were imposed.

Other regulations:

National regulations:

Regulation (EC) No. 1907/2006 - REACH.

Government Decision 1408/2008 on classification, packaging and labelling of hazardous substances.

Government Decision 937/2010 on classification, packaging and labelling of hazardous mixtures when placed on the market.

Regulation (EC) No. 1272/2008 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.

Rectification of Regulation (EC) No. 1272/2008 of the European Parliament and of the Council 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.

(Official Journal of the European Union L 535 of 31 December 2008).

Regulation (EC) No. 790/2009 amending in view of adapting of Regulation EC 1272/2008 on classification, packaging and labelling of substances and mixtures to the scientific and technical progress.

Commission Regulation (EU) No. 453/2010 of 20 May 2010 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 552/2009 amending Annex XVII of Regulation (EC) No. 1907/2006 - REACH "Restrictions on the production, marketing and use of certain hazardous substances, mixtures and articles".

Government Decision 735/2006 on limiting the emissions of volatile organic compounds.

SAFETY DATA SHEET

According to the Regulation (EC) 1907/2006 and Regulation (EC) 1272/2008

LUKOIL SUPER semi-synthetic SAE 5W-40, API SG/CD

Issue date: April 5, 2011

Harmonized Romanian Version: April 5, 2011

Page 12 of 13

Government Decision 371/2010 amending and supplementing Government Decision 699/2003 on establishing measures for reduction of volatile organic compounds emissions due to the use of organic solvents in certain activities and equipments.

Law 360/2003 on the regime of hazardous chemical substances and preparations.

Law 263/2005 on amending and supplementing Law No. 360/2003 regarding the regime of hazardous chemical substances and preparations;

Government Decision 1093/2006 setting minimum safety and health requirements for workers' protection against the risks related to the exposure to carcinogenous or mutagenous agents at the work place.

Government Decision 882/2007 on appointing competent authorities for applying Regulation (EC) No. 1907/2006/CE - REACH.

Regulation EC 1336/2008 on amending Regulation 648/2004 in view of adapting it to Regulation 1272/2008 on the classification, packaging and labelling of substances and mixtures.

Government Decision 477/2009 on establishing penalties for violation of Regulation (EC) No. 1907/2006 of the European Parliament and the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing of the European Chemicals Agency, amending Directive 1999/45/EC and repealing Regulation (EEC) No. 793/93 and Commission Regulation (EC) No. 1488/94 of the Commission and also of Council Directive 76/769/EEC, as well as Directives 91/155/EEC, 93/67/EEC, 93/105/EEC and 2000/21/EC of the Commission.

Government Decision 398/2010 on establishing measures for application of Regulation 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/EEC and amending Regulation 1907/2006.

Government Decision 122/2010 on setting sanctions applicable for the infringement of the 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.

Tactile symbol, if the product is distributed to the population: not necessary.

16. OTHER INFORMATION

Full text of the risk phrases R mentioned in sections 2 and 3 (classification according to the Government Decision 1408/2008, Government Decision 937/2010):

R36/37/38 Irritating to eyes, respiratory system and skin

R37 Irritating to respiratory system

R50/53 Very toxic to aquatic organisms; may cause long-term adverse effects in the aquatic environment

R52/53 Harmful to aquatic organisms; may cause long-term adverse effects in the aquatic environment

R53 May cause long-term adverse effects in the aquatic environment

R65 Harmful: may cause lung damage if swallowed

R66 Repeated exposure may cause skin dryness or cracking

Full text of the hazard phrases H mentioned in sections 2 and 3 (classification according to Regulation (EC) No. 1272/2008 (CLP)):

H315 Causes skin irritation

H319 Causes serious eye irritation

H335 May cause respiratory irritation

H400 Very toxic to aquatic life

H410 Very toxic to aquatic life with long lasting effects

Other information:

This Safety Data Sheet is based on the national legislation in force and on our current knowledge regarding this product when the sheet was prepared. The purpose of this sheet is to describe the product from the points of view of safety in use,

SAFETY DATA SHEET

According to the Regulation (EC) 1907/2006 and Regulation (EC) 1272/2008

LUKOIL SUPER semi-synthetic SAE 5W-40, API SG/CD

Issue date: April 5, 2011

Harmonized Romanian Version: April 5, 2011

Page 13 of 13

handling and transport.

The physical-chemical data describe the product from the point of view of the safety requirements and they do not represent a guarantee regarding the specific properties of the product, which can be found in the product specification or in the contract. The manufacturer and the distributor are not responsible for other uses of this product than the recommended ones. The user will be always responsible for taking all the precaution measures for each section of this Safety Data Sheet, so that to ensure the safe use of the product.

Safety data sheet, complying with Regulation (EC) No. 453/2010.

See Sections: 2, 3 and 15.

Label according to Directive EC 67/548/EEC and Government Decision 937/2010:

LUKOIL SUPER semi-synthetic SAE 5W-40, API SG/CD

S2 Keep out of the reach of children
S24/25 Avoid contact with skin and eyes.
S29 Do not empty into drains
S36 Wear suitable protective clothing.
S60 This material and its container must be disposed of as hazardous waste.
S61 Avoid release to the environment. Refer to special instructions / safety data sheets

EC label

**1 – 3 l (52 x 74 mm)
50 - 500 L (105 x 148 mm)**

Term of validity: 5 years since the manufacturing date



Manufacturer: LUKOIL LUBRICANTS EAST EUROPE S.R.L.

11-15 Tipografilor St, Building A2, ground floor, Bucharest,
Sector 1, Romania,

Emergency tel.: +40 244 504 651 from 9⁰⁰ to 17⁰⁰

E-mail: www.lukoil-lubricants.ro

Label according to Regulation (EC) 1272/2008:

Mixture classification and labelling according to CLP are not available.