

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006

SDS #: 088493 RUBIA WORKS 4000 15W-40

Date of the previous version: not applicable Revision Date: 2018-04-04 Version 1

Section 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE

COMPANY/UNDERTAKING

1.1. Product identifier

Product name RUBIA WORKS 4000 15W-40

Number GT7 Substance/mixture Mixture

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

Identified uses Engine oil.

1.3. Details of the supplier of the safety data sheet

Supplier TOTAL LUBRIFIANTS

562 Avenue du Parc de L'ile 92029 Nanterre Cedex

FRANCE

Tél: +33 (0)1 41 35 40 00 Fax: +33 (0)1 41 35 84 71

Importer Oil Intel Limited

56 Whakatu Road, Whakatu Hastings

4180

NEW ZEALAND

Phone: +64 (06) 871 53 25 Fax: +64 (06) 870 48 90

For further information, please contact:

Contact Point HSE

E-mail Address rm.msds-lubs@total.com

1.4. Emergency telephone number

New Zealand Poisons Information Centre: 0800 764 766

New Zealand: +64 9801 0034

International: CHEMTREC +1 703 527 3887 (collect calls accepted)

Section 2: HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture

REGULATION (EC) No 1272/2008



Revision Date: 2018-04-04 Version 1

For the full text of the H-Statements mentioned in this Section, see Section 2.2.

Classification

The product is not classified as dangerous according to Regulation (EC) No. 1272/2008

2.2. Label elements

Labelled according to REGULATION (EC) No 1272/2008

Signal word

None

Hazard Statements

None

Precautionary Statements

None

Supplemental Hazard Statements

EUH210 - Safety data sheet available on request

EUH208 - Contains Calcium low base number alkylbenzene sulfonate, Molybdene dithiocarbamide complex, polysulfur alkyl long chain. May produce an allergic reaction

2.3. Other hazards

Physical-Chemical Properties Contaminated surfaces will be extremely slippery.

Environmental propertiesThe product may form an oil film on the water surface that may stop the oxygen exchange.

Section 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.2. Mixture

Chemical nature Mineral oil of petroleum origin.

Hazardous ingredients

Chemical Name	EC-No	REACH registration	CAS-No	Weight %	Classification (Reg. 1272/2008)
onomiou rumo	20 110	No	C/10 110	lioigii 70	Ciacomeaniem (reagn 12/2/2000)
reaction mass of isomers of: C7-9-alkyl 3-(3,5-di-trans-butyl-4-hydro xyphenyl)propionate	406-040-9	01-0000015551-76	125643-61-0	2.5-<5	Aquatic Chronic 4 (H413)
bis(nonylphenyl)amine	253-249-4	01-2119488911-28	36878-20-3	1-<2.5	Aquatic Chronic 4 (H413)
Zinc bis[O-(6-methylheptyl)] bis[O-(sec-butyl)] bis(dithiophosphate)	298-577-9	01-2119543726-33	93819-94-4	1-<2.5	Skin Irrit. 2 (H315) Eye Dam. 1 (H318) Aquatic Chronic 2 (H411)
Calcium low base number alkylbenzene sulfonate	-	no data available	252315-85-8	0.1-<1	Skin Sens. 1 (H317)
Molybdene dithiocarbamide	457-320-2	01-0000019337-66	٨	0.1-<0.25	Skin Sens. 1B (H317)



> **Revision Date: 2018-04-04** Version 1

complex, polysulfur alkyl			Skin Irrit. 2 (H315)
long chain			Aquatic Chronic 3 (H412)

Additional information Product containing mineral oil with less than 3% DMSO extract as measured by IP 346.

For the full text of the H-Statements mentioned in this Section, see Section 16.

Section 4: FIRST AID MEASURES

4.1. Description of first-aid measures

IN CASE OF SERIOUS OR PERSISTENT CONDITIONS, CALL A DOCTOR OR General advice

EMERGENCY MEDICAL CARE.

Eve contact Immediately flush with plenty of water. After initial flushing, remove any contact lenses and

continue flushing for at least 15 minutes. Keep eye wide open while rinsing.

Wash off immediately with soap and plenty of water while removing all contaminated Skin contact

clothes and shoes. Wash contaminated clothing before reuse.

Inhalation Remove casualty to fresh air and keep at rest in a position comfortable for breathing. If not

breathing, give artificial respiration.

Ingestion Clean mouth with water. Do NOT induce vomiting. Never give anything by mouth to an

unconscious person. Call a physician or Poison Control Center immediately.

Protection of First-aiders First aider needs to protect himself. See Section 8 for more detail. Do not use

mouth-to-mouth method if victim ingested or inhaled the substance; induce artificial respiration with the aid of a pocket mask equipped with a one-way valve or other proper

respiratory medical device.

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

Eye contact Not classified based on available data. The supplier of some components contained within

this formulation has indicated that the classification as irritant is not required.

Skin contact Not classified based on available data. May produce an allergic reaction.

Inhalation Not classified based on available data. Inhalation of vapors in high concentration may

cause irritation of respiratory system.

Ingestion Not classified based on available data. Ingestion may cause gastrointestinal irritation,

nausea, vomiting and diarrhea.

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

Notes to physician Treat symptomatically.

Section 5: FIRE-FIGHTING MEASURES

5.1. Extinguishing media



Revision Date: 2018-04-04 Version 1

Suitable Extinguishing Media Carbon dioxide (CO 2). ABC powder. Foam. Water spray or fog.

Unsuitable Extinguishing MediaDo not use a solid water stream as it may scatter and spread fire.

5.2. Special hazards arising from the substance or mixture

Special Hazard Incomplete combustion and thermolysis may produce gases of varying toxicity such as

carbon monoxide, carbon dioxide, various hydrocarbons, aldehydes and soot. These may be highly dangerous if inhaled in confined spaces or at high concentration. Combustion products include sulphur oxides (SO2 and SO3) and Hydrogen sulphide H2S.

Phosphorous oxides. Nitrogen oxides (NOx). Mercaptans. Zinc oxides.

5.3. Advice for fire-fighters

Special protective equipment for

fire-fighters

Wear self-contained breathing apparatus and protective suit.

Other information Cool containers / tanks with water spray. Fire residues and contaminated fire extinguishing

water must be disposed of in accordance with local regulations.

Section 6: ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

General Information Do not touch or walk through spilled material. Contaminated surfaces will be extremely

slippery. Use personal protective equipment. Ensure adequate ventilation. Remove all

sources of ignition.

6.2. Environmental precautions

General Information Do not allow material to contaminate ground water system. Prevent entry into waterways,

sewers, basements or confined areas. Local authorities should be advised if significant

spillages cannot be contained.

6.3. Methods and material for containment and cleaning up

Methods for containment Dike to collect large liquid spills. If necessary dike the product with dry earth, sand or

similar non-combustible materials.

Methods for cleaning up Dispose of contents/container in accordance with local regulation. In case of soil

contamination, remove contaminated soil for remediation or disposal, in accordance with

local regulations.

6.4. Reference to other sections

Personal Protective Equipment See Section 8 for more detail.

Waste treatment See section 13.

Section 7: HANDLING AND STORAGE



Revision Date: 2018-04-04 Version 1

7.1. Precautions for safe handling

Advice on safe handling For personal protection see section 8. Use only in well-ventilated areas. Do not breathe

vapors or spray mist. Avoid contact with skin, eyes and clothing.

Prevention of fire and explosion Take precautionary measures against static discharges.

Hygiene measures Ensure the application of strict rules of hygiene by the personnel exposed to the risk of

contact with the product. When using, do not eat, drink or smoke. Wash hands before breaks and immediately after handling the product. Regular cleaning of equipment, work area and clothing is recommended. Do not use abrasives, solvents or fuels. Do not dry hands with rags that have been contaminated with product. Do not put product

contaminated rags into workwear pockets.

7.2. Conditions for safe storage, including any incompatibilities

Technical measures/Storage

conditions

Keep away from food, drink and animal feedingstuffs. Keep in a bunded area. Keep container tightly closed. Keep preferably in the original container. Otherwise reproduce all indication of the regulation label on the new container. Do not remove the hazard labels of the containers (even if they are empty). Design the installations in order to avoid accidental emissions of product (due to seal breakage, for example) onto hot casings or electrical contacts. Store at room temperature. Protect from moisture.

Materials to Avoid Strong oxidizing agents.

7.3. Specific end uses

Specific use(s) Please refer to Technical Data Sheet for further information.

Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control parameters

Exposure limits Mineral oil mist:

USA: OSHA (PEL) TWA 5 mg/m³, NIOSH (REL) TWA 5 mg/m³, STEL 10 mg/m³, ACGIH

(TLV) TWA 5 mg/m³ (highly refined)

Legend See section 16

Derived No Effect Level (DNEL)

DNEL Worker (Industrial/Professional)

BNEE Worker (industrial/i Toressional)				
Chemical Name	Short term, systemic	Short term, local effects	Long term, systemic	Long term, local effects
	effects		effects	
reaction mass of isomers of: C7-9-alkyl 3-(3,5-di-trans-butyl-4-hy droxyphenyl)propionate 125643-61-0	3 3	1 mg/cm2 Dermal	0.22 mg/kg Dermal	0.006 mg/cm2 Dermal



Revision Date: 2018-04-04 Version 1

bis(nonylphenyl)amine 36878-20-3	0.62 mg/kg bw/day Dermal 4.37 mg/m³ Inhalation
Zinc bis[O-(6-methylheptyl)] bis[O-(sec-butyl)] bis(dithiophosphate) 93819-94-4	0.58 mg/kg Dermal 8.31 mg/m³ Inhalation

DNEL Consumer

Chemical Name	Short term, systemic effects	Short term, local effects	Long term, systemic effects	Long term, local effects
bis(nonylphenyl)amine			0.31 mg/kg bw/day	
36878-20-3			Dermal	
			1.09 mg/m3 Inhalation	
			0.31 mg/kg bw/day Oral	
Zinc			0.29 mg/kg Dermal	
bis[O-(6-methylheptyl)]			2.11 mg/m³ Inhalation	
bis[O-(sec-butyl)]			0.24 mg/kg Oral	
bis(dithiophosphate)				
93819-94-4				

Predicted No Effect Concentration (PNEC)

Chemical Name	Water	Sediment	Soil	Air	STP	Oral
reaction mass of	0.0043 mg/l fw	233 mg/kg fw dw	189 mg/kg			
isomers of:	0.00043 mg/l mw	23.3 mg/kg mw				
C7-9-alkyl		dw				
3-(3,5-di-trans-butyl-						
4-hydroxyphenyl)pro						
pionate						
125643-61-0						
bis(nonylphenyl)ami	•	132000 mg/kg dw	263000 mg/kg dw		1 mg/l	
ne	0.01 mg/l mw	fw				
36878-20-3	1 mg/l or	13200 mg/kg dw				
		mw				
Zinc	0.004 mg/l fw	0.0116 mg/kg dw	0.00528 mg/kg		100 mg/l	10.67 mg/kg food
bis[O-(6-methylhept	0.0046 mg/l mw	fw	soil dw			
yl)]	0.021 mg/l or	0.00116 mg/kg				
bis[O-(sec-butyl)]		dw mw				
bis(dithiophosphate)						
93819-94-4						

8.2. Exposure controls

Occupational Exposure Controls

Engineering Measures

Apply technical measures to comply with the occupational exposure limits. Ensure adequate ventilation, especially in confined areas. When working in confined spaces (tanks, containers, etc.), ensure that there is a supply of air suitable for breathing and wear the recommended equipment.

Personal Protective Equipment



Revision Date: 2018-04-04 Version 1

General Information Protective engineering solutions should be implemented and in use before personal

protective equipment is considered. The personal protective equipment (PPE)

recommendations apply to the product ITSELF. In case of mixtures or formulations, it is

suggested that you contact the relevant PPE suppliers.

Respiratory protectionNone under normal use conditions. When workers are facing concentrations above the

exposure limit they must use appropriate certified respirators. Respirator with combination filter for vapour/particulate (EN 14387). Type A/P1. Warning! filters have a limited use duration. The use of breathing apparatus must comply strictly with the manufacturer's

instructions and the regulations governing their choices and uses.

Eye Protection If splashes are likely to occur, wear:. Safety glasses with side-shields. EN 166.

Skin and body protection Wear suitable protective clothing. Protective shoes or boots. Long sleeved clothing. Type

4/6.

Hand Protection Hydrocarbon-proof gloves. Fluorinated rubber. Nitrile rubber. In case of prolonged contact

with the product, it is recommended to wear gloves complying with EN 420 and EN 374 standards, protecting at least for 480 minutes and having a thickness of 0,38 mm at least. These values are indicative only. The level of protection is provided by the material of the glove, its technical characteristics, its resistance to the chemicals to be handled, the appropriateness of its use and its replacement frequency. Please observe the instructions regarding permeability and breakthrough time which are provided by the supplier of the gloves. Also take into consideration the specific local conditions under which the product is

used, such as the danger of cuts, abrasion, and the contact time.

Environmental exposure controls

General Information The product should not be allowed to enter drains, water courses or the soil.

Section 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

Appearance limpid
Color amber
Physical State @20°C liquid

Odor Characteristic

Odor Threshold No information available

Property Values Remarks Method

pHMelting point/rangeNot applicableNo information available

5.

Boiling point/boiling range No information available

Flash point 222 °C Cleveland Open Cup (COC) 432 °F Cleveland Open Cup (COC)

Evaporation rateNo information available



Revision Date: 2018-04-04 Version 1

ISO 3104

Flammability Limits in Air

upperNo information availableLowerNo information availableVapor PressureNo information availableVapor densityNo information available

 Relative density
 0.879
 @ 15 °C

 Density
 879 kg/m³
 @ 15 °C

 Water solubility
 Insoluble

Solubility in other solventsNo information availablelogPowNo information availableAutoignition temperatureNo information availableDecomposition temperatureNo information available

Viscosity, kinematic 116 mm2/s @ 40 °C

Explosive properties Not explosive Oxidizing Properties Not applicable

Possibility of hazardous reactions
None under normal processing

9.2. Other information

Freezing Point No information available

Section 10: STABILITY AND REACTIVITY

10.1. Reactivity

General Information None under normal processing.

10.2. Chemical stability

Stability Stable under recommended storage conditions.

10.3. Possibility of hazardous reactions

Hazardous Reactions No dangerous reaction known under conditions of normal use.

10.4. Conditions to avoid

Conditions to avoid Keep away from open flames, hot surfaces and sources of ignition. Keep away from heat

and sparks.

10.5. Incompatible materials

Materials to Avoid Strong oxidizing agents.

10.6. Hazardous Decomposition Products

Hazardous Decomposition Products Incomplete combustion and thermolysis may produce gases of varying toxicity such as

carbon monoxide, carbon dioxide, various hydrocarbons, aldehydes and soot. Phosphorous oxides. Nitrogen oxides (NOx). Mercaptans. Combustion products include sulphur oxides (



Revision Date: 2018-04-04 Version 1

SO2 and SO3) and Hydrogen sulphide H2S. Zinc oxides.

Section 11: TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects

Acute toxicity Local effects Product Information

Skin contact . Not classified based on available data. May produce an allergic reaction.

Eye contact . Not classified based on available data. The supplier of some components contained

within this formulation has indicated that the classification as irritant is not required.

Inhalation . Not classified based on available data. Inhalation of vapors in high concentration may

cause irritation of respiratory system.

Ingestion . Not classified based on available data. Ingestion may cause gastrointestinal irritation,

nausea, vomiting and diarrhea.

ATEmix (oral) 58,606.00 mg/kg

ATEmix (dermal) 62,176.00 mg/kg

ATEmix (inhalation-dust/mist) 355.30 mg/l

Acute toxicity - Component Information

Chemical Name	LD50 Oral	LD50 Dermal	LC50 Inhalation
reaction mass of isomers of: C7-9-alkyl		LD50 > 2000 mg/kg (Rat - OECD	
3-(3,5-di-trans-butyl-4-hydroxyphenyl)propi	401)	402)	
onate			
bis(nonylphenyl)amine	LD50 > 5000 mg/kg (Rat - OECD	LD50 > 2000 mg/kg (Rat - OECD	
	401)	402)	
Zinc bis[O-(6-methylheptyl)]	LD50 2600 mg/kg (Rat)	LD50 > 3160 mg/kg (Rabbit -	LC50(1h) > 2 mg/l (Rat - OECD
bis[O-(sec-butyl)] bis(dithiophosphate)		OECD 402)	Test Guideline 403)
Calcium low base number alkylbenzene	LD50 > 2000 mg/kg bw (rat -	LD50 > 2000 mg/kg bw (rabbit -	
sulfonate	OECD 401)	OECD 402)	
Molybdene dithiocarbamide complex,	LD50 > 2000 mg/kg (Rat - OECD	LD50 > 2000 mg/kg (Rat - OECD	
polysulfur alkyl long chain	425)	402)	

Sensitization

Sensitization Not classified based on available data. Contains sensitizer(s). May produce an allergic

reaction.

Specific effects

Carcinogenicity Not classified based on available data. During use in engines, contamination of oil with low

levels of combustion products occurs. Used motor oils have been shown to cause skin cancer in mice following repeated application and continuous exposure. Brief or intermittent skin contact with used motor oil is not expected to have serious effects in humans if the oil

is thoroughly removed by washing with soap and water.

Mutagenicity

Germ Cell Mutagenicity Not classified based on available data.



Revision Date: 2018-04-04 Version 1

Reproductive toxicity Not classified based on available data.

Repeated Dose Toxicity

Target Organ Effects (STOT)

Specific target organ systemic toxicity (single exposure)

Not classified based on available data.

Specific target organ systemic toxicity (repeated exposure)

Not classified based on available data.

Aspiration toxicity Not classified based on available data.

Other information

Other adverse effects Characteristic skin lesions (pimples) may develop following prolonged and repeated

exposures (contact with contaminated clothing).

Section 12: ECOLOGICAL INFORMATION

12.1. Toxicity

Not classified based on available data.

Acute aquatic toxicity - Product Information

No information available.

Acute aquatic toxicity - Component Information

Chemical Name	Toxicity to algae	Toxicity to daphnia and other aquatic invertebrates	Toxicity to fish	Toxicity to microorganisms
reaction mass of isomers of: C7-9-alkyl 3-(3,5-di-trans-butyl-4-hydro xyphenyl)propionate 125643-61-0	EC50 (72h) > 3 mg/l (Scenedesmus sp OECD 201)	EC50(24h) > 100 mg/l (Daphnia magan - OECD 202)	LC50 (96h) > 74 mg/l (Brachydanio rerio - semi static - OECD 203)	
bis(nonylphenyl)amine 36878-20-3	EC50 (72h) > 100 mg/l (Desmodesmus subspicatus - OECD 201)	EC50 (48h) > 100 mg/l (Daphnia magna - OECD 202)	LC50 (96h) > 100 mg/l (Brachyanio rerio - OECD 203)	
Zinc bis[O-(6-methylheptyl)] bis[O-(sec-butyl)] bis(dithiophosphate) 93819-94-4	EbC50 (96h) 2.1 mg/l Selenastrum capricornutum (OECD 201)	EL50 (48h) 5.4 mg/l Daphnia magna (OECD 202)	LC50 (96h) 4.5 mg/l Oncorhynchus mykiss (OECD 203)	
Calcium low base number alkylbenzene sulfonate 252315-85-8	EL50 1000 mg/L	EL50(48h) 1000 mg/L (daphnia magna - OECD 202)	LL50(96h) 1000 mg/L (Oncorhynchus mykiss - OECD 203)	
Molybdene dithiocarbamide complex, polysulfur alkyl long chain	EC50 (72h) 14 mg/l (Selenastrum capricornutum - OECD 201)	EL50 (48h) 50 mg/l (Daphnia magna - OECD 202)	LL50 (96h) 94.8 mg/l (Oncorhynchus mykiss - OECD 203)	



Revision Date: 2018-04-04 Version 1

Chronic aquatic toxicity - Product Information

No information available.

Chronic aquatic toxicity - Component Information

No information available.

Effects on terrestrial organisms

No information available.

12.2. Persistence and degradability

General Information

No information available.

12.3. Bioaccumulative potential

Product Information No information available.

logPow No information available

Component Information

· · · · · · · · · · · · · · · · · · ·	
Chemical Name	log Pow
reaction mass of isomers of: C7-9-alkyl 3-(3,5-di-trans-butyl-4-hydroxyphenyl)propionate - 125643-61-0	9.2
bis(nonylphenyl)amine - 36878-20-3	7.7
Zinc bis[O-(6-methylheptyl)] bis[O-(sec-butyl)] bis(dithiophosphate) - 93819-94-4	0.9
Molybdene dithiocarbamide complex, polysulfur alkyl long chain - ^	5.1

12.4. Mobility in soil

Soil Given its physical and chemical characteristics, the product generally shows low soil

mobility.

Air Loss by evaporation is limited.

Water The product is insoluble and floats on water.

12.5. Results of PBT and vPvB assessment

PBT and vPvB assessment No information available.

12.6. Other adverse effects

General Information No information available.

Section 13: DISPOSAL CONSIDERATIONS

13.1. Waste treatment methods



Revision Date: 2018-04-04 Version 1

Waste from Residues / Unused

Products

Should not be released into the environment. Do not empty into drains. Dispose of in accordance with the European Directives on waste and hazardous waste. Dispose of in accordance with local regulations. Where possible recycling is preferred to disposal or

incineration.

Contaminated packaging Empty containers should be taken to an approved waste handling site for recycling or

disposal.

EWC Waste Disposal No. According to the European Waste Catalogue, Waste Codes are not product specific, but

application specific. Waste codes should be assigned by the user based on the application for which the product was used. The following Waste Codes are only suggestions:. 13 02

05.

Other information Refer to section 8 for safety and protective measures for disposal personnel.

Section 14: TRANSPORT INFORMATION

ADR/RID Not regulated

IMDG/IMO Not regulated

ICAO/IATA Not regulated

ADN Not regulated

Section 15: REGULATORY INFORMATION

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

European Union

Further information

No information available

New Zealand Regulatory Information:

HSNO Approval Number: HSR002605

HSNO Group Standard Lubricants (Low hazard) Group Standard 2006

Further information

No information available

15.2. Chemical Safety Assessment

Chemical Safety Assessment No information available



Section 16: OTHER INFORMATION

Full text of H-Statements referred to under sections 2 and 3 H315 - Causes skin irritation



> **Revision Date: 2018-04-04** Version 1

H317 - May cause an allergic skin reaction

H318 - Causes serious eye damage

H411 - Toxic to aquatic life with long lasting effects H412 - Harmful to aquatic life with long lasting effects

H413 - May cause long lasting harmful effects to aquatic life

Abbreviations, acronyms

ACGIH = American Conference of Governmental Industrial Hygienists

bw = body weight

bw/day = body weight/day

EC x = Effect Concentration associated with x% response

GLP = Good Laboratory Practice

IARC = International Agency for Research of Cancer

LC50 = 50% Lethal concentration - Concentration of a chemical in air or a chemical in water which causes the death of 50% (one half) of a group of test animals

LD50 = 50% Lethal Dose - Chemical amount, given at once, which causes the death of 50% (one half) of a group of test animals LL = Lethal Loading

NIOSH = National Institute of Occupational Safety and Health

NOAEL = No Observed Adverse Effect Level

NOEC = No Observed Effect Concentration

NOEL = No Observed Effect Level

OECD = Organization for Economic Co-operation and Development

OSHA = Occupational Safety and Health Administration

UVCB = Substance of unknown or Variable composition, Complex reaction products or Biological material

DNEL = Derived No Effect Level

PNEC = Predicted No Effect Concentration

dw = dry weight fw = fresh water mw = marine water or = occasional release

Legend Section 8

TWA: Time Weight Average STEL: Short Time Exposure Limit PEL: Permissible exposure limit **REL**: Recommended exposure limit

TLV: Threshold Limit Values

Sensitizer Skin designation **Hazard Designation** Carcinogen

M: Mutagen R: Toxic to reproduction

Revision Date: 2018-04-04

Revision Note *** Indicates updated section.

This safety data sheet complies with the requirements of Regulation (EC) No. 1907/2006

This safety data sheet serves to complete but not to replace the technical product sheets. The information contained herein is given in good faith and is accurate to the best of knowledge at the date indicated above. It is understood by the user that any use of the product for purposes other than those for which it was designed entails potential risk. The information given herein in no way dispenses the user from knowing and applying all provisions regulating his

Version FU



SDS #: 088493

RUBIA WORKS 4000 15W-40

Revision Date: 2018-04-04 Version 1

activity. The user bears sole liability for the precautions required when using the product. The regulatory texts indicated herein are intended to aid the user to fulfil his obligations. This list is not to be considered complete and exhaustive. It is the user's responsibility to ensure that he is subject to no other obligations than those mentioned.

End of the Safety Data Sheet