# SAFETY DATA SHEET

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

1.1. Product identifier

V-Twin Mineral Engine Oil 20W-50 Trade name or

designation of the mixture

Product code 96905 **SDS number** 6267 **Registration number** 

**Synonyms** None.

Date of first issue 13-April-2010

Version number 1.2

**Revision date** 12-March-2013 Supersedes date 30-January-2013

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

Identified uses Not available. Uses advised against None known.

1.3. Details of the supplier of the safety data sheet

Bel-Ray Europe S.A. Avenue Louise, 304 Bruxelles-Brussel, B-1050

Belgium

+32 (0) 2 540 84 52

Europe: +32 (0) 2 201 18 87 Europe Emergency: 112 Bel-Ray Company, Inc.

P.O. Box 526

Farmingdale, NJ 07727 United States of America

+1 732 938 2421

CHEMTREC: 800-424-9300 (USA)

CHEMTREC: +1 703-527-3887 (outside USA - call collect)

# SECTION 2: Hazards identification

#### 2.1. Classification of the substance or mixture

The mixture has been assessed and/or tested for its physical, health and environmental hazards and the following classification applies.

#### Classification according to Directive 67/548/EEC or 1999/45/EC as amended

This preparation does not meet the criteria for classification according to Directive 1999/45/EC as amended

### Classification according to Regulation (EC) No 1272/2008 as amended

This mixture does not meet the criteria for classification according to Regulation (EC) 1272/2008 as amended.

**Hazard summary** 

**Physical hazards** Not classified for physical hazards.

Health hazards Not classified for health hazards. However, occupational exposure to the mixture or substance(s)

may cause adverse health effects.

**Environmental hazards** Not classified for hazards to the environment.

Specific hazards Not available. Main symptoms Not available.

2.2. Label elements

Label according to Regulation (EC) No. 1272/2008 as amended

None. Hazard pictograms Signal word None

**Hazard statements** The mixture does not meet the criteria for classification.

Material name: V-Twin Mineral Engine Oil 20W-50 SDS FU **Precautionary statements** 

Prevention Keep out of reach of children. Read label before use.

Response Not available.

Store in a well-ventilated place. Keep container tightly closed. Storage

Not available. Disposal Supplemental label Not applicable.

information

2.3. Other hazards Not assigned

# **SECTION 3: Composition/information on ingredients**

#### 3.2. Mixtures

The components are not hazardous or are below required disclosure limits.

**Composition comments** The full text for all R- and H-phrases is displayed in section 16. Note L: The classification as a

carcinogen for all base oils does not apply as it can be shown that the substance contains less than

3% DMSO extract as measured by IP 346.

#### **SECTION 4: First aid measures**

**General information** Call a physician if symptoms develop or persist.

4.1. Description of first aid measures

Inhalation Move to fresh air. Call a physician if symptoms develop or persist.

Skin contact Rinse skin with water/shower. Get medical attention if irritation develops and persists.

Eye contact Rinse with water. Get medical attention if irritation develops and persists.

Ingestion Rinse mouth. Do not induce vomiting. If ingestion of a large amount does occur, call a poison

control centre immediately. Never give liquid to an unconscious person.

4.2. Most important

symptoms and effects, both

acute and delayed

4.3. Indication of any Not available

immediate medical attention and special treatment

needed

Not available

#### **SECTION 5: Firefighting measures**

General fire hazards Not available.

5.1. Extinguishing media

Suitable extinguishing Water fog. Foam. Dry powder. Carbon dioxide (CO2).

media

Unsuitable extinguishing Water. Do not use water jet as an extinguisher, as this will spread the fire.

media

5.2. Special hazards arising

from the substance or

mixture

Not available.

5.3. Advice for firefighters

Special protective equipment for firefighters

Wear suitable protective equipment.

Special fire fighting

Not available.

procedures

#### **SECTION 6: Accidental release measures**

# 6.1. Personal precautions, protective equipment and emergency procedures

For non-emergency

personnel

In case of spills, beware of slippery floors and surfaces.

For emergency responders

Not available.

6.2. Environmental

Prevent further leakage or spillage if safe to do so.

precautions

Material name: V-Twin Mineral Engine Oil 20W-50 2 / 12

96905 Version No.: 1,2 Revision date: 12-March-2013 Issue date: 11-January-2012

# 6.3. Methods and material for containment and cleaning up

Remove sources of ignition. This product is miscible in water.

Large Spills: Stop the flow of material, if this is without risk. Dike the spilled material, where this is possible. Cover with plastic sheet to prevent spreading. Absorb in vermiculite, dry sand or earth and place into containers. Following product recovery, flush area with water.

Small Spills: Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination.

Never return spills in original containers for re-use.

6.4. Reference to other sections

For personal protection, see section 8. For waste disposal, see section 13.

# **SECTION 7: Handling and storage**

7.1. Precautions for safe handling

Avoid prolonged exposure. Use care in handling/storage.

7.2. Conditions for safe storage, including any incompatibilities

Room temperature - normal conditions. Keep out of the reach of children.

**7.3. Specific end use(s)** Not available.

# **SECTION 8: Exposure controls/personal protection**

# 8.1. Control parameters

# Occupational exposure limits

Belaium.	<b>Exposure</b>	Limit	Values.

Components	Туре	Value	Form	
Distillates (petroleum), Hydrotreated Heavy Paraffinic (64742-54-7)	STEL	10 mg/m3	Mist.	
,	TWA	5 mg/m3	Mist.	
Distillates (petroleum), Solvent-dewaxed Heavy Paraffinic (64742-65-0)	STEL	10 mg/m3	Mist.	
	TWA	5 mg/m3	Mist.	
Distillates (petroleum), Solvent-refined Heavy Paraffinic (64741-88-4)	STEL	10 mg/m3	Mist.	
	TWA	5 mg/m3	Mist.	
Paraffin oils (petroleum), catalytic de-waxed light (64742-71-8)	STEL	10 mg/m3	Mist.	
	TWA	5 mg/m3	Mist.	
Residual Oils (petroleum), Solvent-refined (64742-01-4)	STEL	10 mg/m3	Mist.	
	TWA	5 mg/m3	Mist.	

# Bulgaria. OELs. Regulation No 13 on protection of workers against risks of exposure to chemical agents at work Components Value

Components	rype	value	
Distillates (petroleum), Hydrotreated Heavy	TWA	5 mg/m3	
Paraffinic (64742-54-7)			
Distillates (petroleum),	TWA	5 mg/m3	
Solvent-dewaxed Heavy			
Paraffinic (64742-65-0)			
Distillates (petroleum),	TWA	5 mg/m3	
Solvent-refined Heavy			
Paraffinic (64741-88-4)			
Paraffin oils (petroleum),	TWA	5 mg/m3	
catalytic de-waxed light			
(64742-71-8)			
Residual Oils (petroleum),	TWA	5 mg/m3	
Solvent-refined			
(64742-01-4)			

Material name: V-Twin Mineral Engine Oil 20W-50

96905 Version No.: 1,2 Revision date: 12-March-2013 Issue date: 11-January-2012 3 / 7

Components	Туре	Value	Form
oistillates (petroleum), lydrotreated Heavy	Ceiling	10 mg/m3	Aerosol
araffinic (64742-54-7)			
	TWA	5 mg/m3	Aerosol
araffin oils (petroleum),	Ceiling	10 mg/m3	Aerosol
atalytic de-waxed light 64742-71-8)	-	- -	
,	TWA	5 mg/m3	Aerosol
Residual Oils (petroleum),	Ceiling	10 mg/m3	Aerosol
Golvent-refined 64742-01-4)	•	-	
	TWA	5 mg/m3	Aerosol
Denmark. Exposure Limit Value	S		
Components	Туре	Value	Form
Distillates (petroleum),	TLV	1 mg/m3	Mist.
lydrotreated Heavy	124	1 1119/1110	Wildt.
Paraffinic (64742-54-7)			
Distillates (petroleum),	TLV	1 mg/m3	Mist.
Solvent-dewaxed Heavy	. – -	90	::::=:::
Paraffinic (64742-65-0)			
Distillates (petroleum),	TLV	1 mg/m3	Mist.
Solvent-refined Heavy	. – -	90	::::=:::
Paraffinic (64741-88-4)			
Paraffin oils (petroleum),	TLV	1 mg/m3	Mist.
atalytic de-waxed light			
64742-71-8)			
Residual Oils (petroleum),	TLV	1 mg/m3	Mist.
olvent-refined		<b>J</b>	
64742-01-4)			
inland. Workplace Exposure Li	mits		
Components	Туре	Value	Form
Distillates (petroleum),	TWA	5 mg/m3	Mist.
Hydrotreated Heavy	1 44/1	o mg/mo	IVIIST.
Paraffinic (64742-54-7)			
Residual Oils (petroleum),	TWA	5 mg/m3	Mist.
folvent-refined	1 44/1	o mg/mo	IVIIST.
C. CITE I CITION			
64742-01-4)			
·	200 as amondod)		
Greece. OELs (Decree No. 90/19		Value	Form
Greece. OELs (Decree No. 90/19 components	Туре		
Greece. OELs (Decree No. 90/19 Components Distillates (petroleum),		<b>Value</b> 5 mg/m3	Form Mist.
64742-01-4)  Greece. OELs (Decree No. 90/19 Components  Distillates (petroleum), Hydrotreated Heavy Paraffinic (64742-54-7)	Туре		
Greece. OELs (Decree No. 90/19 Components Distillates (petroleum), Hydrotreated Heavy Paraffinic (64742-54-7)	<b>Type</b> TWA	5 mg/m3	Mist.
Greece. OELs (Decree No. 90/19 Components Distillates (petroleum), Hydrotreated Heavy Paraffinic (64742-54-7) Distillates (petroleum),	Туре		
Greece. OELs (Decree No. 90/19 Components Distillates (petroleum), Hydrotreated Heavy Paraffinic (64742-54-7) Distillates (petroleum), Holvent-dewaxed Heavy	<b>Type</b> TWA	5 mg/m3	Mist.
Greece. OELs (Decree No. 90/19 Components Distillates (petroleum), Hydrotreated Heavy Paraffinic (64742-54-7) Distillates (petroleum), Holvent-dewaxed Heavy Paraffinic (64742-65-0)	Type TWA	5 mg/m3 5 mg/m3	Mist.
Greece. OELs (Decree No. 90/19) Components Distillates (petroleum), Distillates (petroleum), Distillates (petroleum), Distillates (petroleum), Distillates (petroleum), Distillates (64742-65-0) Distillates (petroleum),	<b>Type</b> TWA	5 mg/m3	Mist.
Greece. OELs (Decree No. 90/19) Components Distillates (petroleum), dydrotreated Heavy Paraffinic (64742-54-7) Distillates (petroleum), colvent-dewaxed Heavy Paraffinic (64742-65-0) Distillates (petroleum), Colvent-refined Heavy	Type TWA	5 mg/m3 5 mg/m3	Mist.
Greece. OELs (Decree No. 90/19) Components Distillates (petroleum), Ilydrotreated Heavy Paraffinic (64742-54-7) Distillates (petroleum), Polyent-dewaxed Heavy Paraffinic (64742-65-0) Distillates (petroleum), Polyent-refined Heavy Paraffinic (64741-88-4)	Type TWA TWA	5 mg/m3 5 mg/m3 5 mg/m3	Mist. Mist. Mist.
Greece. OELs (Decree No. 90/19) components distillates (petroleum), dydrotreated Heavy araffinic (64742-54-7) distillates (petroleum), olvent-dewaxed Heavy araffinic (64742-65-0) distillates (petroleum), olvent-refined Heavy araffinic (64741-88-4) araffin oils (petroleum),	Type TWA	5 mg/m3 5 mg/m3	Mist.
Greece. OELs (Decree No. 90/19) Components Distillates (petroleum), Ilydrotreated Heavy Paraffinic (64742-54-7) Distillates (petroleum), Prolovent-dewaxed Heavy Paraffinic (64742-65-0) Distillates (petroleum), Prolovent-refined Heavy Paraffinic (64741-88-4) Paraffin oils (petroleum),	Type TWA TWA	5 mg/m3 5 mg/m3 5 mg/m3	Mist. Mist. Mist.
Greece. OELs (Decree No. 90/19) components distillates (petroleum), dydrotreated Heavy araffinic (64742-54-7) distillates (petroleum), olvent-dewaxed Heavy araffinic (64742-65-0) distillates (petroleum), olvent-refined Heavy araffinic (64741-88-4) araffin oils (petroleum), atalytic de-waxed light 64742-71-8)	Type TWA TWA TWA TWA	5 mg/m3 5 mg/m3 5 mg/m3	Mist. Mist. Mist.
Greece. OELs (Decree No. 90/19) Components Distillates (petroleum), Ilydrotreated Heavy Paraffinic (64742-54-7) Distillates (petroleum), Polvent-dewaxed Heavy Paraffinic (64742-65-0) Distillates (petroleum), Polvent-refined Heavy Paraffinic (64741-88-4) Paraffin oils (petroleum), Paraffin oils (petroleum), Paraflin oils (petroleum),	Type TWA TWA	5 mg/m3 5 mg/m3 5 mg/m3	Mist. Mist. Mist.
Greece. OELs (Decree No. 90/19) Components Distillates (petroleum), Ilydrotreated Heavy Paraffinic (64742-54-7) Distillates (petroleum), Polyent-dewaxed Heavy Paraffinic (64742-65-0) Distillates (petroleum), Polyent-refined Heavy Paraffinic (64741-88-4) Paraffin oils (petroleum), Paraffin oils (petroleum)	Type TWA TWA TWA TWA	5 mg/m3 5 mg/m3 5 mg/m3	Mist. Mist. Mist.
Greece. OELs (Decree No. 90/19) Components Distillates (petroleum), Hydrotreated Heavy Paraffinic (64742-54-7) Distillates (petroleum), Holvent-dewaxed Heavy Paraffinic (64742-65-0) Distillates (petroleum), Holvent-refined Heavy Paraffinic (64741-88-4) Paraffin oils (petroleum), Hatalytic de-waxed light Heavy Paraffin oils (petroleum), Hatalytic de-waxed light	Type TWA TWA TWA TWA TWA	5 mg/m3 5 mg/m3 5 mg/m3	Mist. Mist. Mist.
Greece. OELs (Decree No. 90/19) components distillates (petroleum), ydrotreated Heavy araffinic (64742-54-7) distillates (petroleum), olvent-dewaxed Heavy araffinic (64742-65-0) distillates (petroleum), olvent-refined Heavy araffinic (64741-88-4) araffin oils (petroleum), datalytic de-waxed light	Type TWA TWA TWA TWA TWA TWA TWA Chemical Safety of Workplaces	5 mg/m3 5 mg/m3 5 mg/m3 5 mg/m3	Mist.  Mist.  Mist.  Mist.  Mist.
Greece. OELs (Decree No. 90/19) Components Distillates (petroleum), Hydrotreated Heavy Paraffinic (64742-54-7) Distillates (petroleum), Hydrotreated Heavy Paraffinic (64742-65-0) Distillates (petroleum), Holvent-refined Heavy Paraffinic (64741-88-4) Paraffin oils (petroleum), Haraffin oils (petroleum),	Type TWA TWA TWA TWA TWA TWA TWA TWA Chemical Safety of Workplaces Type	5 mg/m3 5 mg/m3 5 mg/m3 5 mg/m3 Value	Mist. Mist. Mist. Mist. Mist. Form
Greece. OELs (Decree No. 90/19) Components Distillates (petroleum), Hydrotreated Heavy Paraffinic (64742-54-7) Distillates (petroleum), Holvent-dewaxed Heavy Paraffinic (64742-65-0) Distillates (petroleum), Holvent-refined Heavy Paraffinic (64741-88-4) Paraffin oils (petroleum), Haraffin oils (petroleum), Haraffin oils (petroleum), Holvent-refined Holvent-refined Holvent-refined Holvent-refined Holvent-refined Holvent-refined Hungary. OELs. Joint Decree on Homponents Distillates (petroleum),	Type TWA TWA TWA TWA TWA TWA TWA Chemical Safety of Workplaces	5 mg/m3 5 mg/m3 5 mg/m3 5 mg/m3	Mist.  Mist.  Mist.  Mist.  Mist.
Greece. OELs (Decree No. 90/19) components distillates (petroleum), dydrotreated Heavy araffinic (64742-54-7) distillates (petroleum), olvent-dewaxed Heavy araffinic (64742-65-0) distillates (petroleum), olvent-refined Heavy araffinic (64741-88-4) araffin oils (petroleum), atalytic de-waxed light 64742-71-8) desidual Oils (petroleum), olvent-refined 64742-01-4) dungary. OELs. Joint Decree on components distillates (petroleum), dydrotreated Heavy	Type TWA TWA TWA TWA TWA TWA TWA TWA Chemical Safety of Workplaces Type	5 mg/m3 5 mg/m3 5 mg/m3 5 mg/m3 Value	Mist. Mist. Mist. Mist. Mist. Form
Greece. OELs (Decree No. 90/19) Components Distillates (petroleum), Hydrotreated Heavy Paraffinic (64742-54-7) Distillates (petroleum), Holvent-dewaxed Heavy Paraffinic (64742-65-0) Distillates (petroleum), Holvent-refined Heavy Paraffinic (64741-88-4) Paraffin oils (petroleum), Haraffin oils (petroleum), Haraffin oils (petroleum), Holvent-refined Heavy Holvent-refined Heavy Hungary. OELs. Joint Decree on Homponents Distillates (petroleum), Hydrotreated Heavy Haraffinic (64742-54-7)	Type TWA TWA TWA TWA TWA TWA Chemical Safety of Workplaces Type Ceiling	5 mg/m3 5 mg/m3 5 mg/m3 5 mg/m3 Value 5 mg/m3	Mist.  Mist.  Mist.  Mist.  Mist.  Form  Mist.
Greece. OELs (Decree No. 90/19) Components Distillates (petroleum), Hydrotreated Heavy Paraffinic (64742-54-7) Distillates (petroleum), Holvent-dewaxed Heavy Paraffinic (64742-65-0) Distillates (petroleum), Holvent-refined Heavy Paraffinic (64741-88-4) Paraffin oils (petroleum), Hatalytic de-waxed light Heaving Hydrotreated Heavy Hungary. OELs. Joint Decree on Components Distillates (petroleum), Hydrotreated Heavy	Type TWA TWA TWA TWA TWA TWA TWA TWA Chemical Safety of Workplaces Type	5 mg/m3 5 mg/m3 5 mg/m3 5 mg/m3 Value	Mist. Mist. Mist. Mist. Mist. Form

Hungary. OELs. Joint Decree on Components		ces Value	Form
<del></del>	Type		
Distillates (petroleum), Solvent-refined Heavy Paraffinic (64741-88-4)	Ceiling	5 mg/m3	Mist.
Paraffin oils (petroleum), catalytic de-waxed light (64742-71-8)	Ceiling	5 mg/m3	Mist.
Residual Oils (petroleum), Solvent-refined (64742-01-4)	Ceiling	5 mg/m3	Mist.
Iceland. OELs. Regulation 154/ Components	1999 on occupational exposu Type	ıre limits Value	Form
Distillates (petroleum),	TWA	1 mg/m3	Mist.
Hydrotreated Heavy Paraffinic (64742-54-7)	TWA	1 mg/ms	wiist.
Distillates (petroleum), Solvent-dewaxed Heavy Paraffinic (64742-65-0)	TWA	1 mg/m3	Mist.
Distillates (petroleum), Solvent-refined Heavy	TWA	1 mg/m3	Mist.
Paraffinic (64741-88-4) Paraffin oils (petroleum), catalytic de-waxed light	TWA	1 mg/m3	Mist.
(64742-71-8) Residual Oils (petroleum), Solvent-refined (64742-01-4)	TWA	1 mg/m3	Mist.
Ireland. Occupational Exposure Components	Limits Type	Value	Form
Distillates (petroleum),	TWA	0,2 mg/m3	Inhalable fraction.
Hydrotreated Heavy Paraffinic (64742-54-7)	TWA	0,2 mg/m3	minalable fraction.
Distillates (petroleum), Solvent-dewaxed Heavy Paraffinic (64742-65-0)	TWA	0,2 mg/m3	Inhalable fraction.
Distillates (petroleum), Solvent-refined Heavy Paraffinic (64741-88-4)	TWA	0,2 mg/m3	Inhalable fraction.
Paraffin oils (petroleum), catalytic de-waxed light (64742-71-8)	TWA	0,2 mg/m3	Inhalable fraction.
Residual Oils (petroleum), Solvent-refined (64742-01-4)	TWA	0,2 mg/m3	Inhalable fraction.
Italy. Occupational Exposure Li	mits		
Components	Туре	Value	Form
Distillates (petroleum), Solvent-dewaxed Heavy	TWA	5 mg/m3	Inhalable fraction.
Paraffinic (64742-65-0) Distillates (petroleum), Solvent-refined Heavy	TWA	5 mg/m3	Inhalable fraction.
Paraffinic (64741-88-4) Paraffin oils (petroleum), catalytic de-waxed light	TWA	5 mg/m3	Inhalable fraction.
(64742-71-8) Lithuania. OELs. Limit Values for Components		eral Requirements Value	Form
Distillates (petroleum),	<b>Type</b> STEL		Fume and mist.
Hydrotreated Heavy Paraffinic (64742-54-7)	SIEL	3 mg/m3	rume and mist.
	TWA	1 mg/m3	Fume and mist.
Distillates (petroleum), Solvent-dewaxed Heavy Paraffinic (64742-65-0)	STEL	3 mg/m3	Fume and mist.
1 didilillo (07/72-03-0)	TWA	1 mg/m3	Fume and mist.

Material name: V-Twin Mineral Engine Oil 20W-50

96905 Version No.: 1,2 Revision date: 12-March-2013 Issue date: 11-January-2012 5 / 12

SDS EU

Lithuania. OELs. Limit Values for (Components	Туре	Value	Form
Distillates (petroleum), Solvent-refined Heavy	STEL	3 mg/m3	Fume and mist.
Paraffinic (64741-88-4)			
,	TWA	1 mg/m3	Fume and mist.
Paraffin oils (petroleum), catalytic de-waxed light (64742-71-8)	STEL	3 mg/m3	Fume and mist.
<b>(</b>	TWA	1 mg/m3	Fume and mist.
Residual Oils (petroleum), Solvent-refined (64742-01-4)	STEL	3 mg/m3	Fume and mist.
(31, 12 31 1)	TWA	1 mg/m3	Fume and mist.
Netherlands. OELs (binding)		·g	
Components	Туре	Value	Form
<u> </u>			
Distillates (petroleum), Hydrotreated Heavy Paraffinic (64742-54-7)	TWA	5 mg/m3	Mist.
Distillates (petroleum), Solvent-dewaxed Heavy Paraffinic (64742-65-0)	TWA	5 mg/m3	Mist.
Distillates (petroleum), Solvent-refined Heavy	TWA	5 mg/m3	Mist.
Paraffinic (64741-88-4) Paraffin oils (petroleum), catalytic de-waxed light	TWA	5 mg/m3	Mist.
(64742-71-8) Residual Oils (petroleum), Solvent-refined	TWA	5 mg/m3	Mist.
(64742-01-4)	0		
Norway. Administrative Norms for		rkpiace Value	Гоина
Components	Туре		Form
Distillates (petroleum), Hydrotreated Heavy Paraffinic (64742-54-7)	TLV	1 mg/m3	Mist.
Distillates (petroleum), Solvent-dewaxed Heavy Paraffinic (64742-65-0)	TLV	1 mg/m3	Mist.
Distillates (petroleum), Solvent-refined Heavy	TLV	1 mg/m3	Mist.
Paraffinic (64741-88-4) Paraffin oils (petroleum), catalytic de-waxed light	TLV	1 mg/m3	Mist.
(64742-71-8) Residual Oils (petroleum), Solvent-refined	TLV	1 mg/m3	Mist.
(64742-01-4) Poland. MACs. Minister of Labour a	and Social Policy Regardi	ng Maximum Allowable Con	centrations and Intensiti
in Working Environment Components	Type	Value	Form
<del>-</del>	Туре		
Distillates (petroleum), Hydrotreated Heavy Paraffinic (64742-54-7)	STEL	10 mg/m3	Aerosol
	TWA	5 mg/m3	Aerosol
Distillates (petroleum), Solvent-dewaxed Heavy	STEL	10 mg/m3	Aerosol
Paraffinic (64742-65-0)	T\ <b>\</b> /^	E ma/m2	Aorosol
Distillates (petroleum), Solvent-refined Heavy Paraffinic (64741-88-4)	TWA STEL	5 mg/m3 10 mg/m3	Aerosol Aerosol
aramme (04/41-00-4)	TWA	5 mg/m3	Aerosol
Paraffin oils (petroleum), catalytic de-waxed light (64742-71-8)	STEL	10 mg/m3	Aerosol

(64742-71-8)

TWA

5 mg/m3

Aerosol

Poland. MACs. Minister of Labour and Social Policy Regarding Maximum Allowable Concentrations and Intensities in Working Environment

Components	Туре	Value	Form
Residual Oils (petroleum), Solvent-refined 64742-01-4)	STEL	10 mg/m3	Aerosol
(04/42 01 4)	TWA	5 mg/m3	Aerosol
Portugal. VLEs. Norm on occupational			
Components	Туре	Value	Form
Distillates (petroleum),	STEL	10 mg/m3	Aerosol
Hydrotreated Heavy	JILL	10 mg/m3	ACIUSUI
Paraffinic (64742-54-7)			
	TWA	5 mg/m3	Aerosol
Distillates (petroleum),	STEL	10 mg/m3	Aerosol
Solvent-dewaxed Heavy Paraffinic (64742-65-0)	0.11	. og,o	7.0.000.
	TWA	5 mg/m3	Aerosol
Distillates (petroleum),	STEL	10 mg/m3	Aerosol
Solvent-refined Heavy		· ·	
Paraffinic (64741-88-4)			
	TWA	5 mg/m3	Aerosol
Paraffin oils (petroleum),	STEL	10 mg/m3	Aerosol
catalytic de-waxed light (64742-71-8)		Ç	
	TWA	5 mg/m3	Aerosol
Residual Oils (petroleum),	STEL	10 mg/m3	Aerosol
Solvent-refined			
(64742-01-4)			
	TWA	5 mg/m3	Aerosol
Romania. OELs. Protection of workers Components	from exposure to ch Type	emical agents at the workpla Value	ce
Distillates (petroleum),	STEL	10 mg/m3	
Hydrotreated Heavy Paraffinic (64742-54-7)	3122	10 mg/ms	
	TWA	5 mg/m3	
Distillates (petroleum),	STEL	10 mg/m3	
Solvent-dewaxed Heavy Paraffinic (64742-65-0)		J	
	TWA	5 mg/m3	
Distillates (petroleum), Solvent-refined Heavy	STEL	10 mg/m3	
Paraffinic (64741-88-4)			
. a.a (6 17 11 66 1)	TWA	5 mg/m3	
Paraffin oils (petroleum),	STEL	10 mg/m3	
catalytic de-waxed light (64742-71-8)	JILL	10 mg/ms	
•	TWA	5 mg/m3	
Residual Oils (petroleum),	STEL	10 mg/m3	
Solvent-refined (64742-01-4)		<b>J</b>	
	TWA	5 mg/m3	
Slovakia. OELs. Regulation No. 300/20	007 concerning prote	ection of health in work with	chemical agents
Components	Туре	Value	Form
Paraffin oils (petroleum), catalytic de-waxed light (64742-71-8)	TWA	1 mg/m3	Fume and mist.
(OT174-11-0)		5 ppm	Fume and mist.
Spain Occupational Functional Limits		o bbiii	. a and mot
Spain. Occupational Exposure Limits	Typo	Value	Form
Components	Туре		Form
Distillates (petroleum), Hydrotreated Heavy	STEL	10 mg/m3	Mist.
Paraffinic (64742-54-7)	T14/4	5 / 6	N 4: - +
Distillator (notral)	TWA	5 mg/m3	Mist.
Distillates (petroleum), Solvent-dewaxed Heavy Paraffinic (64742-65-0)	STEL	10 mg/m3	Mist.

Components	Туре	Value	Form	
	TWA	5 mg/m3	Mist.	
Distillates (petroleum),	STEL	10 mg/m3	Mist.	
Solvent-refined Heavy				
Paraffinic (64741-88-4)				
	TWA	5 mg/m3	Mist.	
Paraffin oils (petroleum),	STEL	10 mg/m3	Mist.	
catalytic de-waxed light				
(64742-71-8)				
	TWA	5 mg/m3	Mist.	
Residual Oils (petroleum),	STEL	10 mg/m3	Mist.	
Solvent-refined				
(64742-01-4)				
	TWA	5 mg/m3	Mist.	
Sweden. Occupational Exposur	e Limit Values			
Components	Туре	Value	Form	
Distillates (petroleum),	STEL	3 mg/m3	Mist.	
Hydrotreated Heavy		ű		
Paraffinic (64742-54-7)				
	TWA	1 mg/m3	Mist.	
Distillates (petroleum),	STEL	3 mg/m3	Mist.	
Solvent-dewaxed Heavy		-		
Paraffinic (64742-65-0)				
	TWA	1 mg/m3	Mist.	
Distillates (petroleum),	STEL	3 mg/m3	Mist.	
Solvent-refined Heavy		-		
Paraffinic (64741-88-4)				
	TWA	1 mg/m3	Mist.	
Paraffin oils (petroleum),	STEL	3 mg/m3	Mist.	
catalytic de-waxed light				
(64742-71-8)				
	TWA	1 mg/m3	Mist.	
Residual Oils (petroleum),	STEL	3 mg/m3	Mist.	
Solvent-refined				
(64742-01-4)				
	TWA	1 mg/m3	Mist.	

**Biological limit values** 

No biological exposure limits noted for the ingredient(s).

**Recommended monitoring** procedures

Follow standard monitoring procedures.

8.2. Exposure controls

Appropriate engineering controls

Good general ventilation (typically 10 air changes per hour) should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level. Provide adequate general and local exhaust ventilation.

#### Individual protection measures, such as personal protective equipment

**General information** Applicable for industrial settings only: Use personal protective equipment as required.

Eye/face protection Not normally needed.

Skin protection

- Hand protection Not normally needed.

- Other Personal protection equipment should be chosen according to the CEN standards and in discussion

with the supplier of the personal protective equipment.

Respiratory protection When workers are facing concentrations above the exposure limit they must use appropriate

certified respirators.

Thermal hazards Not available.

Hygiene measures Handle in accordance with good industrial hygiene and safety practices.

**Environmental exposure** 

controls

Not available.

# **SECTION 9: Physical and chemical properties**

#### Information on basic physical and chemical properties

**Appearance** 

Material name: V-Twin Mineral Engine Oil 20W-50

**Appearance** 

Physical state Liquid. **Form** Liquid. Liquid.

Mild. Petroleum

Odour Odour threshold Not available. pН Not applicable. Melting point/freezing point Not available.

Initial boiling point and

> 296 °C (> 564,8 °F)

boiling range

194,00 °C (381,20 °F) Pensky-Martens Closed Cup Flash point

**Auto-ignition temperature** 260 °C (500 °F) estimated Information on basic physical and chemical properties

Flammability limit - lower

(%)

Not available.

Flammability limit -Not available.

upper (%)

Vapour pressure Not applicable. Density 883,00 kg/m3 Vapour density Not applicable. Not applicable. **Evaporation rate** Not available. Relative density Solubility(ies) Negligible

Solubility (other)

Not available. Partition coefficient

(n-octanol/water)

**Decomposition temperature** Not available.

147,48 cSt ASTM D445 Viscosity

Viscosity temperature 40

VOC (Weight %) 0,0846 % estimated Percent volatile 0.0846 % estimated

Other data

Flammability class Combustible IIIB estimated

0.883 Specific gravity

9.2. Other information No relevant additional information available.

# SECTION 10: Stability and reactivity

10.1. Reactivity None known. Strong oxidizing agents. 10.2. Chemical stability Material is stable under normal conditions.

10.3. Possibility of hazardous Not available.

reactions

**Symptoms** 

10.4. Conditions to avoid Avoid temperatures exceeding the flash point.

10.5. Incompatible materials None known.

10.6. Hazardous Nitrogen oxides (NOx). At thermal decomposition temperatures, carbon monoxide and carbon

decomposition products dioxide.

### **SECTION 11: Toxicological information**

**General information** Not available. Information on likely routes of exposure Ingestion Not available. Inhalation Not available. Skin contact Not available. Eye contact Not available.

11.1. Information on toxicological effects

Material name: V-Twin Mineral Engine Oil 20W-50 96905 Version No.: 1,2 Revision date: 12-March-2013 Issue date: 11-January-2012

Not available.

**Product Test results Species** 

V-Twin Mineral Engine Oil 20W-50 (Mixture)

**Acute** 

Oral

LD50 Rat 2364,0662 g/kg, estimated

\* Estimates for product may be based on additional component data not shown.

Skin corrosion/irritation Not available. Serious eye Not available.

damage/irritation

Respiratory sensitisation Not available. Skin sensitisation Not available. Germ cell mutagenicity Not available. Not available. Carcinogenicity Reproductive toxicity Not available. Not available.

Specific target organ toxicity

- single exposure

Specific target organ toxicity

- repeated exposure

Not available.

Not available. **Aspiration hazard** Mixture versus substance Not available.

information

Other information

This product has no known adverse effect on human health.

# **SECTION 12: Ecological information**

12.1. Toxicity Not expected to be harmful to aquatic organisms.

Product		Species	Test results
V-Twin Mineral Engine Oil	20W-50 (Mixture)		
Crustacea	EC50	Daphnia	1158,3925 mg/l, 48 hours, estimated
Fish	LC50	Fish	4102,8369 mg/l, 96 hours, estimated

<sup>\*</sup> Estimates for product may be based on additional component data not shown.

12.2. Persistence and

degradability

No data is available on the degradability of this product.

12.3. Bioaccumulative

potential

Not available.

**Partition coefficient** 

Not available.

n-octanol/water (log Kow)

**Bioconcentration factor (BCF)** Not available. 12.4. Mobility in soil Not available.

12.5. Results of PBT

Not a PBT or vPvB substance or mixture.

and vPvB assessment

12.6. Other adverse effects Not available.

# **SECTION 13: Disposal considerations**

# 13.1. Waste treatment methods

Residual waste Dispose of in accordance with local regulations. Empty containers or liners may retain some

product residues. This material and its container must be disposed of in a safe manner (see:

Disposal instructions).

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

EU waste code Not available.

Disposal Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Dispose in

methods/information accordance with all applicable regulations.

96905 Version No.: 1,2 Revision date: 12-March-2013 Issue date: 11-January-2012

# **SECTION 14: Transport information**

**ADR** 

Not regulated as dangerous goods.

RID

Not regulated as dangerous goods.

**ADN** 

Not regulated as dangerous goods.

IATA

Not regulated as dangerous goods.

**IMDG** 

Not regulated as dangerous goods.

# **SECTION 15: Regulatory information**

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

EU regulations Authorisations

Restrictions on use

Other regulations The product is classified and labelled in accordance with EC directives or respective national laws

This Safety Data Sheet complies with the requirements of Regulation (EC) No 1907/2006.

National regulations

15.2. Chemical safety

assessment

No Chemical Safety Assessment has been carried out.

#### **SECTION 16: Other information**

List of abbreviationsNot available.ReferencesNot available.Information on evaluationNot available.

method leading to the classification of mixture

None.

Not available.

Full text of any statements or R-phrases and H-statements

under Sections 2 to 15

**Revision information** 

Hazards Identification: US Hazard Categories

SECTION 2: Hazards identification: Response SECTION 2: Hazards identification: Prevention SECTION 2: Hazards identification: Disposal SECTION 2: Hazards identification: Storage

Composition/Information on Ingredients: Disclosure Overrides

SECTION 3: Composition/information on ingredients: Composition comments

Physical & Chemical Properties: Multiple Properties SECTION 9: Physical and chemical properties: Appearance SECTION 9: Physical and chemical properties: Odour

**Training information** Not available.

**Disclaimer** Bel-Ray Company cannot anticipate all conditions under which this information and its product, or

the products of other manufacturers in combination with its product, may be used. It is the user's responsibility to ensure safe conditions for handling, storage and disposal of the product, and to

SDS FU

assume liability for loss, injury, damage or expense due to improper use.

Issue date11-January-2012Revision date12-March-2013Print date12-March-2013

**Inventory status** 

Country(s) or regionInventory nameOn inventory (yes/no)\*AustraliaAustralian Inventory of Chemical Substances (AICS)YesCanadaDomestic Substances List (DSL)YesChinaInventory of Existing Chemical Substances in China (IECSC)YesEuropeEuropean Inventory of Existing Commercial Chemical SubstancesYes

(EINECS)

Korea Existing Chemicals List (ECL) Yes

Material name: V-Twin Mineral Engine Oil 20W-50

96905 Version No.: 1,2 Revision date: 12-March-2013 Issue date: 11-January-2012 11 / 12

Country(s) or region On inventory (yes/no)\* **Inventory name** 

Philippines Philippine Inventory of Chemicals and Chemical Substances

(PICCS)

United States & Puerto Rico Toxic Substances Control Act (TSCA) Inventory

Yes \*A "Yes" indicates that all components of this product comply with the inventory requirements administered by the governing country(s)

SDS EU 96905 Version No.: 1,2 Revision date: 12-March-2013 Issue date: 11-January-2012