SAFETY DATA SHEET

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

1.1. Product identifier

Trade name or Bel-Ray EXS Synthetic Ester 4T Engine Oil 10W-50

designation of the mixture

Product code 99160 SDS number 6630 Registration number

Synonyms None.

Date of first issue 13-June-2010

Version number 3.0

Revision date 30-August-2013 Supersedes date 27-October-2011

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

Classification Xn:R20/22

The full text for all R-phrases is displayed in section 16.

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

Environmental hazards

Hazardous to the aquatic environment, Category 3

long-term aquatic hazard

Hazard summary

Physical hazards Not classified for physical hazards.

Health hazards Harmful by inhalation and if swallowed. Not classified for health hazards. However, occupational

exposure to the mixture or substance(s) may cause adverse health effects. Occupational exposure

to the substance or mixture 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

Material name: Bel-Ray EXS Synthetic Ester 4T Engine Oil 10W-50 SDS FU 99160 Version No.: 3,0 Revision date: 30-August-2013 Issue date: 13-January-2011

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

Hazard pictograms



Signal word Warning

Hazard statements Harmful if inhaled

Precautionary statements

Prevention Keep out of reach of children. Read label before use. Avoid release to the environment. Use only

outdoors or in a well-ventilated area.

If medical advice is needed, have product container or label at hand. IF INHALED: Remove victim Response

to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTRE or

doctor/physician. Specific treatment (see on this label).

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

Disposal Dispose of contents/container in accordance with local/regional/national/international regulations.

Supplemental label information

98,12 % of the mixture consists of component(s) of unknown long-term hazards to the aquatic environment. Contains 2,5-bis(octyldithio)-1,3,4-thiadiazole, Dioctyl Disulphide. May produce an

allergic reaction.

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.

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. Oxygen or artificial respiration if needed. Do not use mouth-to-mouth method if

victim 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. Call a POISON CENTRE or

doctor/physician.

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

Not available.

4.3. Indication of any immediate medical attention

and special treatment

needed

In case of shortness of breath, give oxygen. Keep victim warm. Symptoms may be delayed.

SECTION 5: Firefighting measures

General fire hazards Not available.

5.1. Extinguishing media

Suitable extinguishing

Water fog. Foam. Dry chemical powder. Carbon dioxide (CO2).

media

media

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

5.2. Special hazards arising

Not available.

from the substance or

mixture

5.3. Advice for firefighters

Special protective equipment for firefighters

Wear suitable protective equipment.

Special fire fighting

procedures

Water runoff can cause environmental damage.

Material name: Bel-Ray EXS Synthetic Ester 4T Engine Oil 10W-50 99160 Version No.: 3,0 Revision date: 30-August-2013 Issue date: 13-January-2011

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

For non-emergency personnel

Immediately evacuate personnel to safe areas. Local authorities should be advised if significant spillages cannot be contained. Keep people away from and upwind of spill/leak. Ventilate closed

spaces before entering them. In case of spills, beware of slippery floors and surfaces.

For emergency responders

Keep unnecessary personnel away. Use personal protection recommended in Section 8 of the

MSDS.

6.2. Environmental precautions

Prevent further leakage or spillage if safe to do so. Do not contaminate water. Contact local authorities in case of spillage to drain/aquatic environment. Avoid discharge into drains, water courses or onto the ground.

6.3. Methods and material for containment and cleaning up

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. Prevent product from entering drains

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. For waste disposal, see section 13.

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. Avoid release to the environment. Do not empty into drains.

7.2. Conditions for safe storage, including any incompatibilities

Store locked up. Room temperature - normal conditions. Keep container tightly closed. 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

Belgium. Exposure Limit Values.

Components	Туре	Value	Form	
Distillates (petroleum), Hydrotreated Heavy Naphthenic (64742-52-5)	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.	
White mineral oil (petroleum) (8042-47-5)	STEL	10 mg/m3	Mist.	
	TWA	5 ma/m3	Mist.	

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

Туре	Value	
TWA	5 mg/m3	
TWA	5 mg/m3	
	Ü	
TWA	5 mg/m3	
	TWA	TWA 5 mg/m3 TWA 5 mg/m3

Czech Republic, OELs, Government Decree 361

Components	Туре	Value	Form
Distillates (petroleum), Hydrotreated Heavy Naphthenic (64742-52-5)	Ceiling	1000 mg/m3	
	TWA	200 mg/m3	

Material name: Bel-Ray EXS Synthetic Ester 4T Engine Oil 10W-50

99160 Version No.: 3,0 Revision date: 30-August-2013 Issue date: 13-January-2011 3 / 10

SDS FU

Components	Туре	Value	Form
araffin oils (petroleum), atalytic de-waxed light	Ceiling	10 mg/m3	Aerosol
54742-71-8)	T\\\\\	E ma/m2	Acrocal
White mineral oil (netroloum	TWA	5 mg/m3 10 mg/m3	Aerosol
Vhite mineral oil (petroleum (8042-47-5)	Ceiling	TO HIG/IIIS	Aerosol
(0042-47-3)	TWA	5 mg/m3	Aerosol
Denmark. Exposure Limit Values		5g5	7.0.000
Components	Туре	Value	Form
Distillates (petroleum),	TLV	1 mg/m3	Mist.
lydrotreated Heavy laphthenic (64742-52-5)	124	i ilig/ilio	Wilot.
Paraffin oils (petroleum), Patalytic de-waxed light 64742-71-8)	TLV	1 mg/m3	Mist.
Vhite mineral oil (petroleum (8042-47-5)	TLV	1 mg/m3	Mist.
inland. Workplace Exposure Limits			
components	Туре	Value	Form
Distillates (petroleum), Hydrotreated Heavy Japhthenic (64742-52-5)	TWA	5 mg/m3	Mist.
Greece. OELs (Decree No. 90/1999, a	as amended)		
components	Туре	Value	Form
Distillates (petroleum),	TWA	5 mg/m3	Mist.
lydrotreated Heavy		Ü	
laphthenic (64742-52-5)			
araffin oils (petroleum), atalytic de-waxed light 64742-71-8)	TWA	5 mg/m3	Mist.
Vhite mineral oil (petroleum (8042-47-5)	TWA	5 mg/m3	Mist.
lungary. OELs. Joint Decree on Cher	nical Safety of Workplaces		
Components	Туре	Value	Form
Distillates (petroleum), lydrotreated Heavy Japhthenic (64742-52-5)	Ceiling	5 mg/m3	Mist.
araffin oils (petroleum), atalytic de-waxed light	Ceiling	5 mg/m3	Mist.
64742-71-8) Vhite mineral oil (petroleum	Coiling	5 mg/m3	Mist.
(8042-47-5)	Ceiling	o mg/ms	IVIIOL.
celand. OELs. Regulation 154/1999	on occupational exposure limits		
components	Туре	Value	Form
Distillates (petroleum),	TWA	1 mg/m3	Mist.
lydrotreated Heavy laphthenic (64742-52-5)		·	
araffin oils (petroleum), atalytic de-waxed light 64742-71-8)	TWA	1 mg/m3	Mist.
Vhite mineral oil (petroleum (8042-47-5)	TWA	1 mg/m3	Mist.
reland. Occupational Exposure Limi Components	ts Type	Value	Form
Distillates (petroleum),	TWA	0,2 mg/m3	Inhalable fraction.
	IVVA	0,2 mg/ms	mmalable machom.
Hydrotreated Heavy Japhthenic (64742-52-5)			
lydrotreated Heavy	TWA	0,2 mg/m3	Inhalable fraction.

SDS EU

Italy. Occupational Exposure Limic Components	its Type	Value	Form
Distillates (petroleum),	TWA	5 mg/m3	Inhalable fraction.
Hydrotreated Heavy	IVA	3 mg/m3	milable fraction.
Naphthenic (64742-52-5)			
Paraffin oils (petroleum),	TWA	5 mg/m3	Inhalable fraction.
catalytic de-waxed light		3	
(64742-71-8)			
White mineral oil (petroleum	TWA	5 mg/m3	Inhalable fraction.
) (8042-47-5)			
Lithuania. OELs. Limit Values for	Chemical Substances, Ger	neral Requirements	
Components	Туре	Value	Form
Distillates (petroleum),	STEL	3 mg/m3	Fume and mist.
Hydrotreated Heavy			
Naphthenic (64742-52-5)			
,	TWA	1 mg/m3	Fume and mist.
Paraffin oils (petroleum),	STEL	3 mg/m3	Fume and mist.
catalytic de-waxed light			
(64742-71-8)	T\0/0	1 / 2	France and maket
White mineral all (natural)	TWA	1 mg/m3	Fume and mist.
White mineral oil (petroleum) (8042-47-5)	STEL	3 mg/m3	Fume and mist.
) (8042-47-5)	TWA	1 mg/m3	Fume and mist.
	IVVA	1 1119/1113	Tume and mist.
Netherlands. OELs (binding)	_		F
Components	Туре	Value	Form
Distillates (petroleum),	TWA	5 mg/m3	Mist.
Hydrotreated Heavy			
Naphthenic (64742-52-5) Paraffin oils (petroleum),	T\A/A	E ma/m2	Mict
catalytic de-waxed light	TWA	5 mg/m3	Mist.
(64742-71-8)			
White mineral oil (petroleum	TWA	5 mg/m3	Mist.
) (8042-47-5)		5 mg/ms	Wilot.
Norway. Administrative Norms fo	r Contaminants in the Wo	rknlace	
Components	Type	Value	Form
Distillates (petroleum),	TLV	1 mg/m3	Mist.
Hydrotreated Heavy	120	1 1119/1113	Wildt.
Naphthenic (64742-52-5)			
Paraffin oils (petroleum),	TLV	1 mg/m3	Mist.
catalytic de-waxed light		ÿ	
(64742-71-8)			
White mineral oil (petroleum	TLV	1 mg/m3	Mist.
) (8042-47-5)			
Poland. MACs. Minister of Labour	and Social Policy Regarding	ng Maximum Allowable Cond	centrations and Intensities
in Working Environment			
Components	Туре	Value	Form
Distillates (petroleum),	STEL	10 mg/m3	Aerosol
Hydrotreated Heavy			
Naphthenic (64742-52-5)			
		E ma/m2	Aerosol
	TWA	5 mg/m3	
Paraffin oils (petroleum),	TWA STEL	10 mg/m3	Aerosol
catalytic de-waxed light		_	
	STEL	10 mg/m3	Aerosol
catalytic de-waxed light (64742-71-8)	STEL	10 mg/m3 5 mg/m3	Aerosol Aerosol
catalytic de-waxed light (64742-71-8) White mineral oil (petroleum	STEL	10 mg/m3	Aerosol
catalytic de-waxed light (64742-71-8)	STEL TWA STEL	10 mg/m3 5 mg/m3 10 mg/m3	Aerosol Aerosol
catalytic de-waxed light (64742-71-8) White mineral oil (petroleum) (8042-47-5)	STEL TWA STEL TWA	10 mg/m3 5 mg/m3 10 mg/m3 5 mg/m3	Aerosol Aerosol
catalytic de-waxed light (64742-71-8) White mineral oil (petroleum) (8042-47-5) Portugal. VLEs. Norm on occupati	TWA STEL TWA onal exposure to chemica	10 mg/m3 5 mg/m3 10 mg/m3 5 mg/m3 4 agents (NP 1796)	Aerosol Aerosol Aerosol
catalytic de-waxed light (64742-71-8) White mineral oil (petroleum) (8042-47-5) Portugal. VLEs. Norm on occupati Components	STEL TWA STEL TWA onal exposure to chemica Type	10 mg/m3 5 mg/m3 10 mg/m3 5 mg/m3 1 agents (NP 1796) Value	Aerosol Aerosol Aerosol Form
catalytic de-waxed light (64742-71-8) White mineral oil (petroleum) (8042-47-5) Portugal. VLEs. Norm on occupati Components Distillates (petroleum),	TWA STEL TWA onal exposure to chemica	10 mg/m3 5 mg/m3 10 mg/m3 5 mg/m3 4 agents (NP 1796)	Aerosol Aerosol Aerosol
catalytic de-waxed light (64742-71-8) White mineral oil (petroleum) (8042-47-5) Portugal. VLEs. Norm on occupati Components Distillates (petroleum), Hydrotreated Heavy	STEL TWA STEL TWA onal exposure to chemica Type	10 mg/m3 5 mg/m3 10 mg/m3 5 mg/m3 1 agents (NP 1796) Value	Aerosol Aerosol Aerosol Form
catalytic de-waxed light (64742-71-8) White mineral oil (petroleum) (8042-47-5) Portugal. VLEs. Norm on occupati Components Distillates (petroleum),	STEL TWA STEL TWA onal exposure to chemica Type STEL	5 mg/m3 5 mg/m3 5 mg/m3 5 mg/m3 5 mg/m3 Value 10 mg/m3	Aerosol Aerosol Aerosol Form Aerosol
catalytic de-waxed light (64742-71-8) White mineral oil (petroleum) (8042-47-5) Portugal. VLEs. Norm on occupati Components Distillates (petroleum), Hydrotreated Heavy Naphthenic (64742-52-5)	STEL TWA STEL TWA onal exposure to chemica Type STEL TWA	5 mg/m3 5 mg/m3 5 mg/m3 5 mg/m3 4 agents (NP 1796) Value 10 mg/m3 5 mg/m3	Aerosol Aerosol Aerosol Form Aerosol Aerosol
catalytic de-waxed light (64742-71-8) White mineral oil (petroleum) (8042-47-5) Portugal. VLEs. Norm on occupati Components Distillates (petroleum), Hydrotreated Heavy	STEL TWA STEL TWA onal exposure to chemica Type STEL	5 mg/m3 5 mg/m3 5 mg/m3 5 mg/m3 5 mg/m3 Value 10 mg/m3	Aerosol Aerosol Aerosol Form Aerosol

Components	ccupational exposure to chemica Type	Value	Form
<u> </u>	TWA	5 mg/m3	Aerosol
White mineral oil (petroleum) (8042-47-5)	STEL	10 mg/m3	Aerosol
) (0042 47 3)	TWA	5 mg/m3	Aerosol
Romania. OELs. Protection Components	of workers from exposure to che Type	9	ice
Distillates (petroleum),	STEL	10 mg/m3	
Hydrotreated Heavy Naphthenic (64742-52-5)	SILL	io ing/iiis	
	TWA	5 mg/m3	
Paraffin oils (petroleum), catalytic de-waxed light (64742-71-8)	STEL	10 mg/m3	
(04742-71-0)	TWA	5 mg/m3	
White mineral oil (petroleum) (8042-47-5)	STEL	10 mg/m3	
) (0042 47 3)	TWA	5 mg/m3	
Slovakia. OELs. Regulation Components	No. 300/2007 concerning prote Type	•	chemical agents Form
Paraffin oils (petroleum),	TWA	1 mg/m3	Fume and mist.
catalytic de-waxed light (64742-71-8)	IVVA	i ilig/ilis	i ume anu illist.
		5 ppm	Fume and mist.
White mineral oil (petroleum) (8042-47-5)	TWA	1 mg/m3	Fume and mist.
Spain. Occupational Expos	ure Limits	5 ppm	Fume and mist.
Components	Type	Value	Form
Distillates (petroleum),	STEL	10 mg/m3	Mist.
Hydrotreated Heavy Naphthenic (64742-52-5)		, and the second	
	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.
White mineral oil (petroleum) (8042-47-5)	STEL	10 mg/m3	Mist.
	TWA	5 mg/m3	Mist.
Sweden. Occupational Exp			Гоин-
Components	Туре	Value	Form
Distillates (petroleum), Hydrotreated Heavy Naphthenic (64742-52-5)	STEL	3 mg/m3	Mist.
•	TWA	1 mg/m3	Mist.
Paraffin oils (petroleum), catalytic de-waxed light (64742-71-8)	STEL	3 mg/m3	Mist.
·	TWA	1 mg/m3	Mist.
White mineral oil (petroleum) (8042-47-5)	STEL	3 mg/m3	Mist.
	TWA	1 mg/m3	Mist.
ogical limit values	No biological exposure limits noted	for the ingredient(s).	
ommended monitoring cedures	Follow standard monitoring procedu	ires.	
Exposure controls			
ropriate engineering trols	Good general ventilation (typically should be matched to conditions. If		

App controls 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

Contain spills and prevent releases and observe national regulations on emissions. Environmental

manager must be informed of all major releases.

SECTION 9: Physical and chemical properties

Information on basic physical and chemical properties

Appearance Oily.

Appearance

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

Colour Amber. Amber.

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

Initial boiling point and

boiling range

> 250 °C (> 482 °F)

Flash point 190,00 °C (374,00 °F) Pensky-Martens Closed Cup

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

Flammability limit - lower

(%)

1 % estimated

Flammability limit -

upper (%)

50 % estimated

Vapour pressure 0.000011 hPa estimated

Density 865,00 kg/m3 Vapour density Not applicable. **Evaporation rate** Not applicable. Relative density Not available. Solubility(ies) Negligible

Solubility (other) **Hydrocarbon Solvents**

Oil

Partition coefficient

(n-octanol/water)

Not available.

Decomposition temperature Not available.

Viscosity 131,3 cSt ASTM D445

40 °C (104 °F) Viscosity temperature VOC (Weight %)

0,0846 % estimated Percent volatile 0,0846 % estimated

Other data

Flammability class Combustible IIIB estimated

Specific gravity

9.2. Other information No relevant additional information available.

Material name: Bel-Ray EXS Synthetic Ester 4T Engine Oil 10W-50

SDS FU 99160 Version No.: 3,0 Revision date: 30-August-2013 Issue date: 13-January-2011

SECTION 10: Stability and reactivity

10.1. Reactivity Strong oxidizing agents.

10.2. Chemical stabilityMaterial is stable under normal conditions.

10.3. Possibility of hazardous No dangerous reaction known under conditions of normal use.

reactions

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

Inhalation Toxic by inhalation.

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

Eye contact Due to lack of data the classification is not possible.

Symptoms Not available.

11.1. Information on toxicological effects

Acute toxicity Toxic by inhalation.

Product Species Test results

Bel-Ray EXS Synthetic Ester 4T Engine Oil 10W-50 (Mixture)

Acute

Dermal

LD50 Rabbit 3332,2227 mg/kg, estimated

Inhalation

LC50 Rat 10000 mg/m³, estimated

618 mg/l, estimated

Oral

LD50 Rat 3311,2583 mg/kg, estimated

1182,0331 g/kg, estimated

Skin corrosion/irritation

Due to lack of data the classification is not possible.

Serious eye

Due to lack of data the classification is not possible.

damage/irritation

Respiratory sensitisationDue to lack of data the classification is not possible.Skin sensitisationDue to lack of data the classification is not possible.Germ cell mutagenicityDue to lack of data the classification is not possible.CarcinogenicityDue to lack of data the classification is not possible.Reproductive toxicityDue to lack of data the classification is not possible.

Specific target organ toxicity

- single exposure

Due to lack of data the classification is not possible.

Specific target organ toxicity

- repeated exposure

Due to lack of data the classification is not possible.

Aspiration hazard Due to lack of data the classification is not possible.

Mixture versus substance

information

Not available.

Other information Not available

SECTION 12: Ecological information

12.1. Toxicity Accumulation in aquatic organisms is expected. Harmful to aquatic life with long lasting effects.

99160 Version No.: 3,0 Revision date: 30-August-2013 Issue date: 13-January-2011

^{*} Estimates for product may be based on additional component data not shown.

Product Test results Species

Bel-Ray EXS Synthetic Ester 4T Engine Oil 10W-50 (Mixture)

Crustacea EC50 Daphnia 579,1962 mg/l, 48 hours, estimated LC50 Fish Fish 2051,4185 mg/l, 96 hours, estimated

12.2. Persistence and

No data is available on the degradability of this product.

degradability

12.3. Bioaccumulative

Not available.

potential

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 vPvR 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.

Since emptied containers may retain product residue, follow label warnings even after container is

emptied.

EU waste code The Waste code should be assigned in discussion between the user, the producer and the waste

disposal company.

Disposal

methods/information

Collect and reclaim or dispose in sealed containers at licensed waste disposal site. This material and its container must be disposed of as hazardous waste. Do not allow this material to drain into sewers/water supplies. Do not contaminate ponds, waterways or ditches with chemical or used container. Dispose of contents/container in accordance with local/regional/national/international

regulations.

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 Not available.

15.2. Chemical safety

No Chemical Safety Assessment has been carried out.

assessment

99160 Version No.: 3,0 Revision date: 30-August-2013 Issue date: 13-January-2011

^{*} Estimates for product may be based on additional component data not shown.

SECTION 16: Other information

List of abbreviations Not available. References Not available. Information on evaluation

method leading to the classification of mixture Not available.

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

R20/22 Harmful by inhalation and if swallowed.

under Sections 2 to 15

Revision information This document has undergone significant changes and should be reviewed in its entirety.

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

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

Issue date 13-January-2011 **Revision date** 30-August-2013 **Print date** 30-August-2013

Inventory status

Country(s) or region Inventory name On inventory (yes/no)* Canada Domestic Substances List (DSL) Yes China Inventory of Existing Chemical Substances in China (IECSC) Yes Korea Existing Chemicals List (ECL) Yes New Zealand Inventory New Zealand Yes **Philippines** Philippine Inventory of Chemicals and Chemical Substances Yes (PICCS) United States & Puerto Rico Toxic Substances Control Act (TSCA) Inventory Yes

99160 Version No.: 3,0 Revision date: 30-August-2013 Issue date: 13-January-2011

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