According to REACH Regulation (EC) No 1907/2006, as amended by UK REACH Regulations SI 2019/758



Renault VERT NORMAND 790 10L 10L Steel drums

Version Revision Date: SDS Number: Date of last issue: -

1.0 25.04.2025 00000000050723

131 Date of first issue: 25.04.2025

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

1.1 Product identifier

Trade name : Renault VERT NORMAND 790 10L 10L Steel drums

Product code : 00000000050723131

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

Use of the : Spraying

Substance/Mixture

Basecoat product

1.3 Details of the supplier of the safety data sheet

Company: Contact address:

BASF Coatings GmbH

Base Fplc

Athlered 5th

Postfach 6123 4th and 5th Floors, 2 Stockport Exchange 48136 Münster Railway Road, Stockport, SK1 3GG

Deutschland United Kingdom

Telephone: +44 161 475 3000

According to REACH Regulation (EC) No 1907/2006, as amended by UK REACH Regulations SI 2019/758



Renault VERT NORMAND 790 10L 10L Steel drums

Version Revision Date: SDS Number: Date of last issue: -

1.0 25.04.2025 00000000050723

131 Date of first issue: 25.04.2025

E-mail address: product-safety-uk-and-ireland@basf.com

1.4 Emergency telephone

International emergency number: Telephone: +49 180 2273-112

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification (REGULATION (EC) No 1272/2008) as amended by GB-CLP Regulation, UK SI 2019/720, and UK SI 2020/1567)

Flammable liquids, Category 3 H226: Flammable liquid and vapor.

2.2 Label elements

Labeling (REGULATION (EC) No 1272/2008) as amended by GB-CLP Regulation, UK SI 2019/720, and UK SI 2020/1567)

According to REACH Regulation (EC) No 1907/2006, as amended by UK REACH Regulations SI 2019/758



Renault VERT NORMAND 790 10L 10L Steel drums

Version Revision Date: SDS Number: Date of last issue: -

1.0 25.04.2025 00000000050723

131 Date of first issue: 25.04.2025

Hazard pictograms

Signal Word : Warning

Hazard Statements : H226 Flammable liquid and vapor.

Precautionary : Prevention:

Statements

P210 Keep away from heat, hot surfaces, sparks,

open flames and other ignition sources. No

smoking.

P233 Keep container tightly closed.

Response:

P303 + P361 + P353 IF ON SKIN (or hair): Take off

immediately all contaminated clothing. Rinse

skin with water.

P370 + P378 In case of fire: Use dry sand, dry chemical

According to REACH Regulation (EC) No 1907/2006, as amended by UK REACH Regulations SI 2019/758



Renault VERT NORMAND 790 10L 10L Steel drums

Version Revision Date: SDS Number: Date of last issue: -

1.0 25.04.2025 00000000050723

131 Date of first issue: 25.04.2025

or alcohol-resistant foam to extinguish.

Storage:

P403 + P235 Store in a well-ventilated place. Keep cool.

Disposal:

P501 Dispose of contents/ container to an

approved waste disposal plant.

Additional Labeling

EUH208 Contains 2,4,7,9-tetramethyldec-5-yne-4,7-diol, 1,2-benzisothiazol-

3(2H)-one, 2-methyl-2H-isothiazol-3-one. May produce an allergic

reaction.

2.3 Other hazards

This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

If applicable information is provided in this section on other hazards which do not result in classification but which may contribute to the overall hazards of the substance or mixture.

According to REACH Regulation (EC) No 1907/2006, as amended by UK REACH Regulations SI 2019/758



Renault VERT NORMAND 790 10L 10L Steel drums

Version Revision Date: SDS Number: Date of last issue: -

1.0 25.04.2025 00000000050723

131 Date of first issue: 25.04.2025

SECTION 3: Composition/information on ingredients

3.2 Mixtures

Chemical nature : organic solvent

polyurethane

pigment

fillers

Water

Components

Chemical name	CAS-No.	Classification	Concentratio
	EC-No.		n (% w/w)
	Index-No.		
	Registration		
	number		
2-butoxyethanol	111-76-2	Acute Tox. 4;	>= 5 - < 7

According to REACH Regulation (EC) No 1907/2006, as amended by UK REACH Regulations SI 2019/758



Renault VERT NORMAND 790 10L 10L Steel drums

Version Revision Date: SDS Number: Date of last issue: -

1.0 25.04.2025 00000000050723

	203-905-0	H302	
	603-014-00-0	Acute Tox. 4;	
	UK-20-	H332	
	9702550300-0-	Skin Irrit. 2; H315	
	0000	Eye Irrit. 2; H319	
	UK-20-		
	0537843089-5-		
	0000		
	UK-20-		
	9642318150-0-		
	0000		
propylene glycol monoethyl ether	1569-02-4	Flam. Liq. 3; H226	>= 3 - < 5
	216-374-5	STOT SE 3; H336	
	603-177-00-8	(Central nervous	
	01-2119462792-32	system)	
butan-2-ol	78-92-2	Flam. Liq. 3; H226	>= 1 - < 2

According to REACH Regulation (EC) No 1907/2006, as amended by UK REACH Regulations SI 2019/758



Renault VERT NORMAND 790 10L 10L Steel drums

Version Revision Date: SDS Number: Date of last issue: -

1.0 25.04.2025 00000000050723

	201-158-5	Eye Irrit. 2; H319	
	603-127-00-5	STOT SE 3; H336	
	UK-20- 0537843089-5- 0000	(Central nervous system) STOT SE 3; H335	
	UK-20- 9642318150-0- 0000	(Respiratory system)	
1-methoxypropan-2-ol	107-98-2	Flam. Liq. 3; H226	>= 1 - < 2
	203-539-1	STOT SE 3; H336	
	603-064-00-3	(Central nervous	
	UK-20-	system)	
	2749242067-7-		
	0000		
	UK-20-		
	9702550300-0-		

According to REACH Regulation (EC) No 1907/2006, as amended by UK REACH Regulations SI 2019/758



Renault VERT NORMAND 790 10L 10L Steel drums

Version Revision Date: SDS Number: Date of last issue: -

1.0 25.04.2025 00000000050723

	UK-20- 0537843089-5- 0000		
	UK-20- 9642318150-0- 0000		
2,4,7,9-Tetramethyldec-5-yne-4,7-diol	126-86-3 204-809-1 UK-20- 9702550300-0- 0000 UK-20- 0537843089-5- 0000 UK-20- 9642318150-0- 0000	Eye Dam. 1; H318 Skin Sens. 1B; H317 Aquatic Chronic 3; H412	>= 0.5 - < 1
2-dimethylaminoethanol	108-01-0	Flam. Liq. 3; H226	>= 0.3 - < 0.5

According to REACH Regulation (EC) No 1907/2006, as amended by UK REACH Regulations SI 2019/758



Renault VERT NORMAND 790 10L 10L Steel drums

Version Revision Date: SDS Number: Date of last issue: -

1.0 25.04.2025 00000000050723

131 Date of first issue: 25.04.2025

203-542-8 Acute Tox. 4; H302 603-047-00-0 Acute Tox. 3; UK-20-H331 0537843089-5-0000 Acute Tox. 4; H312 UK-20-9642318150-0-Skin Corr. 1B; 0000 H314 Eye Dam. 1; H318 STOT SE 3; H335 (Respiratory system) specific concentration limit STOT SE 3; H335

According to REACH Regulation (EC) No 1907/2006, as amended by UK REACH Regulations SI 2019/758



Renault VERT NORMAND 790 10L 10L Steel drums

Version Revision Date: SDS Number: Date of last issue: -

1.0 25.04.2025 00000000050723

		>= 5 %	
1,2-benzisothiazol-3(2H)-one	2634-33-5	Acute Tox. 4;	>= 0.025 - <
	220-120-9	H302	0.05
	613-088-00-6	Skin Irrit. 2; H315	
	UK-20-	Eye Dam. 1; H318	
	9702550300-0-	Skin Sens. 1;	
	0000	H317	
	UK-20-	Aquatic Acute 1;	
	0537843089-5-	H400	
	0000	Aquatic	
		Chronic 1; H410	
		M-Factor (Acute	
		aquatic toxicity):	
		1	
		M-Factor (Chronic	

According to REACH Regulation (EC) No 1907/2006, as amended by UK REACH Regulations SI 2019/758



Renault VERT NORMAND 790 10L 10L Steel drums

Version Revision Date: SDS Number: Date of last issue: -

1.0 25.04.2025 00000000050723

131 Date of first issue: 25.04.2025

aquatic toxicity): 1 specific concentration limit Skin Sens. 1; H317 >= 0.05 % 2-methyl-2H-isothiazol-3-one 2682-20-4 Acute Tox. 3; >= 0.0002 - < H301 0.0015 220-239-6 Acute Tox. 2; 613-326-00-9 H330 UK-20-Acute Tox. 3; 9702550300-0-H311 0000 Skin Corr. 1B; UK-20-

According to REACH Regulation (EC) No 1907/2006, as amended by UK REACH Regulations SI 2019/758



Renault VERT NORMAND 790 10L 10L Steel drums

Version Revision Date: SDS Number: Date of last issue: -

1.0 25.04.2025 00000000050723

131 Date of first issue: 25.04.2025

0537843089-5-H314 0000 Eye Dam. 1; H318 Skin Sens. 1A; H317 Aquatic Acute 1; H400 Aquatic Chronic 1; H410 M-Factor (Acute aquatic toxicity): 10 M-Factor (Chronic aquatic toxicity): 1 specific

According to REACH Regulation (EC) No 1907/2006, as amended by UK REACH Regulations SI 2019/758



Renault VERT NORMAND 790 10L 10L Steel drums

Version Revision Date: SDS Number: Date of last issue: -

1.0 25.04.2025 00000000050723

		concentration limit Skin Sens. 1A; H317 >= 0.0015 %	
Substances with a workplace expos	sure limit :		
Aluminium	7429-90-5	Flam. Sol. 1; H228	>= 2 - < 2.5
	231-072-3 013-002-00-1 UK-20- 0537843089-5- 0000 UK-20- 9642318150-0- 0000	Water-react 2; H261	

According to REACH Regulation (EC) No 1907/2006, as amended by UK REACH Regulations SI 2019/758



Renault VERT NORMAND 790 10L 10L Steel drums

Version Revision Date: SDS Number: Date of last issue: -

1.0 25.04.2025 00000000050723

131 Date of first issue: 25.04.2025

Titanium dioxide	13463-67-7	>= 1 - < 2
	236-675-5	
	UK-20- 2749242067-7- 0000	
	UK-20- 9702550300-0- 0000	
	UK-20- 0537843089-5- 0000	
	UK-20- 9642318150-0- 0000	

For explanation of abbreviations see section 16.

According to REACH Regulation (EC) No 1907/2006, as amended by UK REACH Regulations SI 2019/758



Renault VERT NORMAND 790 10L 10L Steel drums

Version Revision Date: SDS Number: Date of last issue: -

1.0 25.04.2025 00000000050723

131 Date of first issue: 25.04.2025

SECTION 4: First aid measures

4.1 Description of first-aid measures

General advice : First aid personnel should pay attention to their own

safety.

If the patient is likely to become unconscious, place and transport in stable sideways position (recovery position).

Immediately remove contaminated clothing.

In all cases of doubt, or when symptoms persist, seek

medical attention.

Move out of dangerous area.

Never give anything by mouth to an unconscious person.

If inhaled : If symptoms persist, call a physician.

If breathed in, move person into fresh air.

If breathing is irregular or stopped, administer artificial

respiration.

In case of skin contact : If symptoms persist, call a physician.

According to REACH Regulation (EC) No 1907/2006, as amended by UK REACH Regulations SI 2019/758



Renault VERT NORMAND 790 10L 10L Steel drums

Version Revision Date: SDS Number: Date of last issue: -

1.0 25.04.2025 00000000050723

131 Date of first issue: 25.04.2025

Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes.

Do NOT use solvents or thinners.

In case of eye contact : If symptoms persist, call a physician.

In case of eye contact, remove contact lens and rinse immediately with plenty of water, also under the eyelids,

for at least 15 minutes.

If swallowed : If symptoms persist, call a physician.

Do NOT induce vomiting.

Rinse mouth.

4.2 Most important symptoms and effects, both acute and delayed

Symptoms : Information, i.e. additional information on symptoms

and effects may be included in the GHS labeling phrases

According to REACH Regulation (EC) No 1907/2006, as amended by UK REACH Regulations SI 2019/758



Renault VERT NORMAND 790 10L 10L Steel drums

Version Revision Date: SDS Number: Date of last issue: -

1.0 25.04.2025 00000000050723

131 Date of first issue: 25.04.2025

available in Section 2 and in the Toxicological assessments available in Section 11.

4.3 Indication of any immediate medical attention and special treatment needed

Treatment : No known specific antidote.

Treat symptomatically.

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing : Water spray jet

media Dry powder

Alcohol-resistant foam

Carbon dioxide (CO2)

Unsuitable extinguishing : High volume water jet

media

According to REACH Regulation (EC) No 1907/2006, as amended by UK REACH Regulations SI 2019/758



Renault VERT NORMAND 790 10L 10L Steel drums

Version Revision Date: SDS Number: Date of last issue: -

1.0 25.04.2025 00000000050723

131 Date of first issue: 25.04.2025

5.2 Special hazards arising from the substance or mixture

Specific hazards during fire : Hazardous decomposition products formed under fire

fighting conditions.

5.3 Advice for firefighters

Special protective : Appropriate breathing apparatus may be required.

equipment for fire-fighters

Further information : In the event of fire, cool tanks with water spray.

Fire residues and contaminated fire extinguishing water

must be disposed of in accordance with local

regulations.

Collect contaminated fire extinguishing water separately.

This must not be discharged into drains.

According to REACH Regulation (EC) No 1907/2006, as amended by UK REACH Regulations SI 2019/758



Renault VERT NORMAND 790 10L 10L Steel drums

Version Revision Date: SDS Number: Date of last issue: -

1.0 25.04.2025 00000000050723

131 Date of first issue: 25.04.2025

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Personal precautions : Avoid breathing vapours.

Keep away from sources of ignition.

Advice on product handling can be found in sections 7

and 8 of this safety data sheet.

For non-emergency personnel:

For emergency responders:

Use personal protective equipment.

Ensure adequate ventilation, especially in confined

areas.

6.2 Environmental precautions

Environmental precautions: Do not allow uncontrolled discharge of product into the

environment.

Avoid subsoil penetration.

According to REACH Regulation (EC) No 1907/2006, as amended by UK REACH Regulations SI 2019/758



Renault VERT NORMAND 790 10L 10L Steel drums

Version Revision Date: SDS Number: Date of last issue: -

1.0 25.04.2025 00000000050723

131 Date of first issue: 25.04.2025

If the product contaminates rivers and lakes or drains inform respective authorities.

6.3 Methods and material for containment and cleaning up

Methods for cleaning up : Ensure adequate ventilation.

Contain spillage, soak up with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and transfer to a container for disposal according to local / national regulations (see

section 13).

6.4 Reference to other sections

For disposal considerations see section 13.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Advice on safe handling : Provide good ventilation of working area (local exhaust

ventilation if necessary).

According to REACH Regulation (EC) No 1907/2006, as amended by UK REACH Regulations SI 2019/758



Renault VERT NORMAND 790 10L 10L Steel drums

Version Revision Date: SDS Number: Date of last issue: -

1.0 25.04.2025 00000000050723

131 Date of first issue: 25.04.2025

Do not return residues to the storage containers.

Smoking, eating and drinking are forbidden in application area. For personal protection see section 8. Comply with the health and safety at work laws.

When operators, whether spraying or not, have to work inside the spray booth, ventilation is unlikely to be sufficient to control particulates and solvent vapour in all cases. In such circumstances they should wear a compressed air-fed respirator during the spraying process and until such time as the particulates and solvent vapour concentration has fallen below the exposure limits.

The workplace should be equipped with an emergency shower and eye-rinsing facility.

Avoid contact with the skin, eyes and clothing.

Handle in accordance with good industrial hygiene and safety practice.

Do not breathe vapors or spray mist.

According to REACH Regulation (EC) No 1907/2006, as amended by UK REACH Regulations SI 2019/758



Renault VERT NORMAND 790 10L 10L Steel drums

Version Revision Date: SDS Number: Date of last issue: -

1.0 25.04.2025 00000000050723

131 Date of first issue: 25.04.2025

Advice on protection against fire and explosion

: Avoid all sources of ignition: heat, sparks, open flame. Product may charge electrostatically: always use earthing leads when transferring from one container to another and earth containers. It is recommended that operators should wear antistatic clothing and footwear. The relevant fire protection measures should be noted. Use explosion-proof equipment. Vapors are heavier than air and may spread along floors. Vapors may form explosive mixtures with air.

Hygiene measures

: Remove contaminated clothing immediately and dispose of safely. Wash hands before breaks and at the end of workday. Keep away from food, drink and animal feedingstuffs.

7.2 Conditions for safe storage, including any incompatibilities

Further information on storage conditions

: Keep away from heat. Avoid direct sunlight. Close containers carefully once opened and store them upright in order to prevent any leakage. No smoking. No admission for unauthorised personnel. Avoid accumulation of pressure inside containers (s. section

According to REACH Regulation (EC) No 1907/2006, as amended by UK REACH Regulations SI 2019/758



Renault VERT NORMAND 790 10L 10L Steel drums

Version Revision Date: SDS Number: Date of last issue: -

1.0 25.04.2025 00000000050723

131 Date of first issue: 25.04.2025

10). Exercise caution when opening to allow pressure release. Always keep in containers of same material as the original one. Observe label precautions. Store protected against freezing. Keep in a dry, cool and well-ventilated place.

Advice on common storage: Keep away from oxidizing agents, strongly alkaline and

strongly acid materials in order to avoid exothermic

reactions.

Recommended storage

temperature

: 5 - 40 °C

According to REACH Regulation (EC) No 1907/2006, as amended by UK REACH Regulations SI 2019/758



Renault VERT NORMAND 790 10L 10L Steel drums

Version Revision Date: SDS Number: Date of last issue: -

1.0 25.04.2025 00000000050723

131 Date of first issue: 25.04.2025

Packaging material : Suitable material: Stove-lacquer RDL 50, Stove-lacquer R

78433, Stove-lacquer 79/14/3 (Müller/CH), Stove-

lacquer EHD0022, Stove-lacquer KNS L-5X, Stove-lacquer

Valspar HXR008F red, Stove-lacquer Vitalure 745, Standard interior paint, Stove-lacquer C222A/C221A, Carbon steel (Iron), tinned carbon steel (Tinplate)

7.3 Specific end use(s)

Specific use(s) : Please refer to the technical leaflet for further

information.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Occupational Exposure Limits

Components	CAS-No.	Value type (Form of exposure)	Control parameters	Basis
2-butoxyethanol	111-76-2	TWA	25 ppm	GB EH40

According to REACH Regulation (EC) No 1907/2006, as amended by UK REACH Regulations SI 2019/758



Renault VERT NORMAND 790 10L 10L Steel drums

Version Revision Date: SDS Number: Date of last issue: -

1.0 25.04.2025 00000000050723

		123 mg/m3			
	Further information: Can be absorbed through the skin. The assigned substances are those for which there are concerns that dermal				
	vill lead to systemic		Elliai		
	STEL	50 ppm	GB EH40		
		246 mg/m3			
Further infor	mation: Can be ab	sorbed through the skin. T	he assigned		
substances a	re those for which	there are concerns that de	ermal		
absorption w	vill lead to systemic	c toxicity.			
	TWA	20 ppm	2000/39/EC		
		98 mg/m3			
Further infor	mation: Identifies	the possibility of significar	nt uptake		
through the skin, Indicative					
	STEL	50 ppm	2000/39/EC		
		246 mg/m3			
Further infor	mation: Identifies	the possibility of significar	nt uptake		

According to REACH Regulation (EC) No 1907/2006, as amended by UK REACH Regulations SI 2019/758



Renault VERT NORMAND 790 10L 10L Steel drums

Version Revision Date: SDS Number: Date of last issue: -

1.0 25.04.2025 00000000050723

	through the	skin, Indicative		
Aluminium	7429-90-5	TWA (inhalable dust)	10 mg/m3	GB EH40
		TWA (Respirable dust)	4 mg/m3	GB EH40
butan-2-ol	78-92-2	TWA	100 ppm 308 mg/m3	GB EH40
		STEL	150 ppm 462 mg/m3	GB EH40
Titanium dioxide	13463-67-7	TWA (inhalable dust)	10 mg/m3	GB EH40
		TWA (Respirable dust)	4 mg/m3	GB EH40
1- methoxypropan-	107-98-2	STEL	150 ppm	GB EH40

According to REACH Regulation (EC) No 1907/2006, as amended by UK REACH Regulations SI 2019/758



Renault VERT NORMAND 790 10L 10L Steel drums

Version Revision Date: SDS Number: Date of last issue: -

1.0 25.04.2025 00000000050723

2-ol			560 mg/m3					
	Further info	Further information: Can be absorbed through the skin. The assigned						
	substances	are those for which	there are concerns that d	ermal				
	absorption	will lead to systemi	c toxicity.					
		TWA 100 ppm GB EH40						
			375 mg/m3					
	Further info	rmation: Can be ab	sorbed through the skin.	The assigned				
	substances	substances are those for which there are concerns that dermal absorption will lead to systemic toxicity.						
	absorption							
		STEL	150 ppm	2000/39/EC				
			568 mg/m3					
	Further info	rmation: Identifies	the possibility of significar	nt uptake				
	through the	through the skin, Indicative						
		TWA 100 ppm 2000/39						
			375 mg/m3					
	Further info	rmation: Identifies	the possibility of significar	nt uptake				

According to REACH Regulation (EC) No 1907/2006, as amended by UK REACH Regulations SI 2019/758



Renault VERT NORMAND 790 10L 10L Steel drums

Version Revision Date: SDS Number: Date of last issue: -

1.0 25.04.2025 00000000050723

131 Date of first issue: 25.04.2025

	through the skin, Indicative				
2- dimethylaminoet hanol	108-01-0	TWA	2 ppm 7.4 mg/m3	GB EH40	
		STEL	6 ppm 22 mg/m3	GB EH40	

Biological occupational exposure limits

CAS-No.	Control	Sampling time	Basis
	parameters		
111 76 2	hutowyacotic	After chift	GB EH40
111-70-2	Dutoxyacetic	Arter silit	GB EH40
	acid: 240		BAT
	Millimoles per		
	mole creatinine		
	(Urine)		
	CAS-No.	parameters 111-76-2 butoxyacetic acid: 240 Millimoles per mole creatinine	parameters 111-76-2 butoxyacetic acid: 240 Millimoles per mole creatinine

8.2 Exposure controls

Engineering measures

Ensure adequate ventilation.

Personal protective equipment

According to REACH Regulation (EC) No 1907/2006, as amended by UK REACH Regulations SI 2019/758



Renault VERT NORMAND 790 10L 10L Steel drums

Version Revision Date: SDS Number: Date of last issue: -

1.0 25.04.2025 00000000050723

131 Date of first issue: 25.04.2025

Eye/face protection : Safety glasses with side-shields conforming to EN166

Required when there is a risk of eye contact.

Hand protection

Remarks : Wear protective gloves. Any chemical protection glove

certified according to EN ISO 374-1 is suitable: e.g. nitrile gloves - material thickness: 0,35 mm Further information on penetration time is available from the manufacturer of the glove. Data are based on information from the glove manufacturer, the raw material manufacturer or according to specifics of the product components. The suitability for a specific workplace should be discussed with the producers of the protective gloves. Request information on glove permeation properties from the glove supplier. Gloves should be discarded and replaced if there is any indication of degradation or chemical breakthrough. Preventive skin protection Suitable materials for short-

term contact (recommended: At least protective index

According to REACH Regulation (EC) No 1907/2006, as amended by UK REACH Regulations SI 2019/758



Renault VERT NORMAND 790 10L 10L Steel drums

Version Revision Date: SDS Number: Date of last issue: -

1.0 25.04.2025 00000000050723

131 Date of first issue: 25.04.2025

2, corresponding > 30 minutes of permeation time according to EN ISO 374-1) Suitable materials also with prolonged, direct contact (Recommended: Protective index 6, corresponding > 480 minutes of permeation time according to EN ISO 374-1): Suitable materials against splashes (recommended: At least protective index 1, corresponding > 10 minutes of permeation time according to EN ISO 374-1)

Skin and body protection : Anti-static protective clothing

Personnel should wear antistatic, flame-retardant clothing made of natural fibres and/or heat-resistant

synthetic fibres.

Respiratory protection : Suitable respiratory equipment:

half-mask with A1P2 class combination filter

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

respirators.

In case of mist, spray or aerosol exposure wear suitable

According to REACH Regulation (EC) No 1907/2006, as amended by UK REACH Regulations SI 2019/758



Renault VERT NORMAND 790 10L 10L Steel drums

Version Revision Date: SDS Number: Date of last issue: -

1.0 25.04.2025 00000000050723

131 Date of first issue: 25.04.2025

personal respiratory protection and protective suit.

Protective measures : Do not breathe vapour/spray.

Eye wash fountains and safety showers must be easily

accessible.

If these are not sufficient to maintain concentrations at the workplace below the occupational exposure limits,

appropriate certified respirators must be worn.

Avoid contact with the skin, eyes and clothing.

Handle in accordance with good industrial hygiene and

safety practice.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance : liquid
Color : green
Odor : of glycol
pH : 6.0 - 9.0

Melting point/ range : not determined

According to REACH Regulation (EC) No 1907/2006, as amended by UK REACH Regulations SI 2019/758



Renault VERT NORMAND 790 10L 10L Steel drums

Version Revision Date: SDS Number: Date of last issue: -

1.0 25.04.2025 00000000050723

131 Date of first issue: 25.04.2025

Boiling point/boiling range : 100 °C Flash point : 58 °C

Method: ISO 3679

Lower explosion limit / Lower : > 35 g/m3

flammability limit

Vapor pressure : 23.6100 hPa (20 °C)

Method: other (calculated)

not determined (50 °C)

Relative vapor density : Lighter than air.

Density : 1.037 g/cm3 (20 °C)

Solubility(ies)

Water solubility : not determined

Partition coefficient: n- : not applicable for mixtures

octanol/water

Autoignition temperature : > 200 °C

Decomposition temperature : No decomposition if stored and handled as

prescribed/indicated.

Viscosity

According to REACH Regulation (EC) No 1907/2006, as amended by UK REACH Regulations SI 2019/758



Renault VERT NORMAND 790 10L 10L Steel drums

Version Revision Date: SDS Number: Date of last issue: -

1.0 25.04.2025 00000000050723

131 Date of first issue: 25.04.2025

Viscosity, kinematic : 411.6 mm2/s (23 °C)

not determined (40 °C)

Flow time : > 60 s at 23 °C

Cross section: 6 mm Method: ISO 2431

Explosive properties : Not explosive

Oxidizing properties : The substance or mixture is not classified as oxidizing.

9.2 Other information

Flammability (liquids) : Flammable liquid and vapour.

Self-heating substances : The substance or mixture is not classified as self heating.

Metal corrosion rate : Not corrosive to metals.

Particle size : The substance / product is marketed or used in a non solid or

granular form.

According to REACH Regulation (EC) No 1907/2006, as amended by UK REACH Regulations SI 2019/758



Renault VERT NORMAND 790 10L 10L Steel drums

Version Revision Date: SDS Number: Date of last issue: -

1.0 25.04.2025 00000000050723

131 Date of first issue: 25.04.2025

SECTION 10: Stability and reactivity

10.1 Reactivity

No dangerous reaction known under conditions of normal use.

10.2 Chemical stability

No decomposition if stored and applied as directed.

10.3 Possibility of hazardous reactions

Hazardous reactions : No hazardous reactions when stored and handled

according to instructions.

10.4 Conditions to avoid

Conditions to avoid : Avoid direct sunlight.

Product may release hydrogen gas - increased storage temperatures will accelerate this process. (cf. chapter 7

for the storage temperature)

The product tends to form hydrogen gas. Acids, alkalis and catalytic agents, e.g. iron, will accelerate the reaction. The product may react with halogens.

Protect from frost.

Heat, flames and sparks.

According to REACH Regulation (EC) No 1907/2006, as amended by UK REACH Regulations SI 2019/758



Renault VERT NORMAND 790 10L 10L Steel drums

Version Revision Date: SDS Number: Date of last issue: -

1.0 25.04.2025 00000000050723

131 Date of first issue: 25.04.2025

Heat.

10.5 Incompatible materials

Materials to avoid : Keep away from oxidizing agents, strongly alkaline and

strongly acid materials in order to avoid exothermic

reactions.

10.6 Hazardous decomposition products

No decomposition if stored and applied as directed.

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Acute toxicity

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

Product:

Acute oral toxicity : Acute toxicity estimate: > 2,000 mg/kg

Method: Calculation method

According to REACH Regulation (EC) No 1907/2006, as amended by UK REACH Regulations SI 2019/758



Renault VERT NORMAND 790 10L 10L Steel drums

Version Revision Date: SDS Number: Date of last issue: -

1.0 25.04.2025 00000000050723

131 Date of first issue: 25.04.2025

Acute inhalation toxicity : Acute toxicity estimate: > 20 mg/l

Exposure time: 4 h

Test atmosphere: vapor

Method: Calculation method

Components:

2-butoxyethanol:

Acute oral toxicity : LD50 (guinea pig): 1,200 mg/kg

2-dimethylaminoethanol:

Acute oral toxicity : LD50 (Rat): 1,183 mg/kg

Acute inhalation toxicity : LC50 (Rat): 6.1 mg/l

Exposure time: 4 h

Test atmosphere: vapor

According to REACH Regulation (EC) No 1907/2006, as amended by UK REACH Regulations SI 2019/758



Renault VERT NORMAND 790 10L 10L Steel drums

Version Revision Date: SDS Number: Date of last issue: -

1.0 25.04.2025 00000000050723

131 Date of first issue: 25.04.2025

Acute dermal toxicity : LD50 (Rabbit): 1,219 mg/kg

2-methyl-2H-isothiazol-3-one:

Acute inhalation toxicity : LC50 (Rat, male and female): 0.11 mg/l

Exposure time: 4 h

Test atmosphere: dust/mist

Method: OECD Test Guideline 403

GLP: yes

Skin corrosion/irritation

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

Serious eye damage/eye irritation

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

Respiratory or skin sensitization

Skin sensitization

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

Respiratory sensitization

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

According to REACH Regulation (EC) No 1907/2006, as amended by UK REACH Regulations SI 2019/758



Renault VERT NORMAND 790 10L 10L Steel drums

Version Revision Date: SDS Number: Date of last issue: -

1.0 25.04.2025 00000000050723

131 Date of first issue: 25.04.2025

Germ cell mutagenicity

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

Carcinogenicity

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

Reproductive toxicity

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

STOT-single exposure

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

STOT-repeated exposure

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

Aspiration toxicity

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

SECTION 12: Ecological information

12.1 Toxicity

Components:

1,2-benzisothiazol-3(2H)-one:

M-Factor (Acute aquatic :

toxicity)

M-Factor (Chronic aquatic : 1

According to REACH Regulation (EC) No 1907/2006, as amended by UK REACH Regulations SI 2019/758



Renault VERT NORMAND 790 10L 10L Steel drums

Version Revision Date: SDS Number: Date of last issue: -

1.0 25.04.2025 00000000050723

131 Date of first issue: 25.04.2025

toxicity)

2-methyl-2H-isothiazol-3-one:

M-Factor (Acute aquatic : 10

toxicity)

M-Factor (Chronic aquatic : 1

toxicity)

12.2 Persistence and degradability

No data available

12.3 Bioaccumulative potential

Components:

2-butoxyethanol:

Partition coefficient: n- : log Pow: 0.81 (25 °C)

octanol/water

GLP: no

propylene glycol monoethyl ether:

Partition coefficient: n- : log Pow: 0 (20 °C)

According to REACH Regulation (EC) No 1907/2006, as amended by UK REACH Regulations SI 2019/758



Renault VERT NORMAND 790 10L 10L Steel drums

Version Revision Date: SDS Number: Date of last issue: -

1.0 25.04.2025 00000000050723

131 Date of first issue: 25.04.2025

octanol/water pH: 7

butan-2-ol:

Partition coefficient: n-

octanol/water

: log Pow: 0.61

GLP: no

Remarks: Information taken from reference works and

the literature.

1-methoxypropan-2-ol:

Partition coefficient: n-

: log Pow: -0.43 (25 °C)

octanol/water

GLP: no

Remarks: Information taken from reference works and

the literature.

2,4,7,9-Tetramethyldec-5-yne-4,7-diol:

Partition coefficient: n- : log Pow: 2.64

According to REACH Regulation (EC) No 1907/2006, as amended by UK REACH Regulations SI 2019/758



Renault VERT NORMAND 790 10L 10L Steel drums

Version Revision Date: SDS Number: Date of last issue: -

1.0 25.04.2025 00000000050723

131 Date of first issue: 25.04.2025

octanol/water

2-dimethylaminoethanol:

Partition coefficient: n- : log Pow: -0.55 (23 °C)

octanol/water

1,2-benzisothiazol-3(2H)-one:

Partition coefficient: n- : log Pow: 0.7 (20 °C)

octanol/water

GLP: yes

2-methyl-2H-isothiazol-3-one:

Partition coefficient: n- : log Pow: -0.486 (25 °C)

octanol/water

pH: 7

Method: OECD Test Guideline 107

GLP: yes

Titanium dioxide:

According to REACH Regulation (EC) No 1907/2006, as amended by UK REACH Regulations SI 2019/758



Renault VERT NORMAND 790 10L 10L Steel drums

Version Revision Date: SDS Number: Date of last issue: -

1.0 25.04.2025 00000000050723

131 Date of first issue: 25.04.2025

Partition coefficient: n-

octanol/water

: Remarks: Not applicable

12.4 Mobility in soil

No data available

12.5 Results of PBT and vPvB assessment

Product:

Assessment : This substance/mixture contains no components

considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative

(vPvB) at levels of 0.1% or higher.

12.6 Other adverse effects

Product:

Endocrine disrupting

potential

: This substance/mixture does not contain components considered to have endocrine disrupting properties for environment according to UK REACH Article 57(f).

According to REACH Regulation (EC) No 1907/2006, as amended by UK REACH Regulations SI 2019/758



Renault VERT NORMAND 790 10L 10L Steel drums

Version Revision Date: SDS Number: Date of last issue: -

1.0 25.04.2025 00000000050723

131 Date of first issue: 25.04.2025

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Product : Do not discharge into drains/surface

waters/groundwater.

Observe national and local legal requirements.

Waterborne aluminium preparation. Do not mix with organic paint residues and consider incompatibilities

under section 10.

Contaminated packaging : Containers which are not properly emptied must be

disposed pursuant to Directive 2008/98/EC

Packaging that is not properly emptied must be disposed

of as the unused product.

According to REACH Regulation (EC) No 1907/2006, as amended by UK REACH Regulations SI 2019/758



Renault VERT NORMAND 790 10L 10L Steel drums

Version Revision Date: SDS Number: Date of last issue: -

1.0 25.04.2025 00000000050723

131 Date of first issue: 25.04.2025

SECTION 14: Transport information

14.1 UN number

ADN : UN 1263

ADR : UN 1263

RID : UN 1263

IMDG : UN 1263

IATA : UN 1263

14.2 UN proper shipping name

ADN : PAINT

ADR : PAINT

RID : PAINT

IMDG : PAINT

According to REACH Regulation (EC) No 1907/2006, as amended by UK REACH Regulations SI 2019/758



Renault VERT NORMAND 790 10L 10L Steel drums

Version Revision Date: SDS Number: Date of last issue: -

1.0 25.04.2025 00000000050723 Date of first issue: 25.04.2025

IATA : PAINT

14.3 Transport hazard class(es)

Class Subsidiary risks

ADN : 3

ADR : 3

RID : 3

IMDG : 3

IATA : 3

14.4 Packing group

ADN

Packing group : III

Classification Code : F1

Hazard Identification : 30

According to REACH Regulation (EC) No 1907/2006, as amended by UK REACH Regulations SI 2019/758



Renault VERT NORMAND 790 10L 10L Steel drums

Version Revision Date: SDS Number: Date of last issue: -

1.0 25.04.2025 00000000050723 Date of first issue: 25.04.2025

131 Date of first issue: 25.04.2025

Number

Labels : 3

ADR

Packing group : III

Classification Code : F1

Hazard Identification : 30

Number

Labels : 3

Tunnel restriction code : (D/E)

RID

Packing group : III

Classification Code : F1

Hazard Identification : 30

Number

Labels : 3

According to REACH Regulation (EC) No 1907/2006, as amended by UK REACH Regulations SI 2019/758



Renault VERT NORMAND 790 10L 10L Steel drums

Version Revision Date: SDS Number: Date of last issue: -

1.0 25.04.2025 00000000050723

131 Date of first issue: 25.04.2025

IMDG

Packing group : III

Labels : 3

EmS Code : F-E, <u>S-E</u>

IATA (Cargo)

Packing instruction (cargo : 366

aircraft)

Packing instruction (LQ) : Y344

Packing group : III

Labels : Flammable Liquids

IATA (Passenger)

Packing instruction : 355

(passenger aircraft)

Packing instruction (LQ) : Y344

According to REACH Regulation (EC) No 1907/2006, as amended by UK REACH Regulations SI 2019/758



Renault VERT NORMAND 790 10L 10L Steel drums

Version Revision Date: SDS Number: Date of last issue: -

1.0 25.04.2025 00000000050723

131 Date of first issue: 25.04.2025

Packing group : III

Labels : Flammable liquid

14.5 Environmental hazards

ADN

Environmentally : no

hazardous

ADR

Environmentally : no

hazardous

RID

Environmentally : no

hazardous

IMDG

Marine pollutant : no

14.6 Special precautions for user

According to REACH Regulation (EC) No 1907/2006, as amended by UK REACH Regulations SI 2019/758



Renault VERT NORMAND 790 10L 10L Steel drums

Version Revision Date: SDS Number: Date of last issue: -

1.0 25.04.2025 00000000050723

131 Date of first issue: 25.04.2025

Remarks : ADR: Packages smaller than or equal to 450 liters, not

goods/merchandise of Class 3

The transport classification(s) provided herein are for informational purposes only, and solely based upon the properties of the unpackaged material as it is described within this Safety Data Sheet. Transportation classifications may vary by mode of transportation, package sizes, and variations in regional or country regulations.

14.7 Transport in bulk according to Annex II of Marpol and the IBC Code

Not applicable for product as supplied.

SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixtureRelevant EU provisions transposed through retained EU law

UK REACH List of restrictions (Annex 17) : Conditions of restriction for the

following entries should be

considered:

Number on list 3

UK REACH Candidate list of substances of very high : Not applicable

concern (SVHC) for Authorisation

According to REACH Regulation (EC) No 1907/2006, as amended by UK REACH Regulations SI 2019/758



Renault VERT NORMAND 790 10L 10L Steel drums

Version Revision Date: SDS Number: Date of last issue: -

1.0 25.04.2025 00000000050723

131 Date of first issue: 25.04.2025

The Persistent Organic Pollutants Regulations : Not applicable

(retained Regulation (EU) 2019/1021 as amended

for Great Britain)

Regulation (EC) on substances that deplete the : Not applicable

ozone layer

UK REACH List of substances subject to : Not applicable

authorisation (Annex XIV)

Control of Major Accident Hazards P5c FLAMMABLE LIQUIDS

Regulations 2015 (COMAH)

Volatile organic : Volatile organic compounds (VOC) content: 386 g/l

compounds

Directive 2010/75/EU of 24 November 2010 on

industrial emissions (integrated pollution prevention and

control)

Volatile organic compounds (VOC) content: 15.33 %

According to REACH Regulation (EC) No 1907/2006, as amended by UK REACH Regulations SI 2019/758



Renault VERT NORMAND 790 10L 10L Steel drums

Version Revision Date: SDS Number: Date of last issue: -

1.0 25.04.2025 00000000050723

131 Date of first issue: 25.04.2025

Other regulations:

Take note of The Management of Health and Safety at Work Regulations 1999 (requirements relating to new and expectant mothers at work contained in Regulation 16 to 18) and of the Pregnant Workers Directive 92/85/EEC.

Take note of The Management of Health and Safety at Work Regulations 1999 (requirements relating to protection of young people at work contained in Regulation 19) and of Directive 94/33/EC on the protection of young people at work.

Details relating to the VOC Directive 2004/42/EC:

Subcategory as indicated in Annex IIB: d
Limit value for maximum VOC content as specified in Annex IIB: 420 g/l

VOC content of the ready-for-use product according to ISO 11890-2: 420 g/l

15.2 Chemical Safety Assessment

Assessment of safe use has been performed for the mixture and the result is documented in section 7 and 8 of the SDS

SECTION 16: Other information

Full text of H-Statements

H226 : Flammable liquid and vapor.

According to REACH Regulation (EC) No 1907/2006, as amended by UK REACH Regulations SI 2019/758



Renault VERT NORMAND 790 10L 10L Steel drums

Version Revision Date: SDS Number: Date of last issue: -

1.0 25.04.2025 00000000050723

131 Date of first issue: 25.04.2025

H228 : Flammable solid.

H261 : In contact with water releases flammable gas.

H301 : Toxic if swallowed.
H302 : Harmful if swallowed.
H311 : Toxic in contact with skin.
H312 : Harmful in contact with skin.

H314 : Causes severe skin burns and eye damage.

H315 : Causes skin irritation.

H317 : May cause an allergic skin reaction.
H318 : Causes serious eye damage.
H319 : Causes serious eye irritation.

H330 : Fatal if inhaled.
H331 : Toxic if inhaled.
H332 : Harmful if inhaled.

H335 : May cause respiratory irritation. H336 : May cause drowsiness or dizziness.

H400 : Very toxic to aquatic life.

H410 : Very toxic to aquatic life with long lasting effects.H412 : Harmful to aquatic life with long lasting effects.

Full text of other abbreviations

Acute Tox. : Acute toxicity

Aquatic Acute : Short-term (acute) aquatic hazard
Aquatic Chronic : Long-term (chronic) aquatic hazard

Eye Dam. : Serious eye damage

Eye Irrit. : Eye irritation
Flam. Liq. : Flammable liquids
Flam. Sol. : Flammable solids

According to REACH Regulation (EC) No 1907/2006, as amended by UK REACH Regulations SI 2019/758



Renault VERT NORMAND 790 10L 10L Steel drums

Version Revision Date: SDS Number: Date of last issue: -

1.0 25.04.2025 00000000050723

131 Date of first issue: 25.04.2025

Skin Corr. : Skin corrosion
Skin Irrit. : Skin irritation
Skin Sens. : Skin sensitization

STOT SE : Specific target organ toxicity - single exposure

Water-react : Substances and mixtures which in contact with water emit

flammable gases

2000/39/EC : Europe. Commission Directive 2000/39/EC establishing a first

list of indicative occupational exposure limit values

GB EH40 : UK. EH40 WEL - Workplace Exposure Limits
GB EH40 BAT : UK. Biological monitoring guidance values

2000/39/EC / TWA : Limit Value - eight hours 2000/39/EC / STEL : Short term exposure limit

GB EH40 / TWA : Long-term exposure limit (8-hour TWA reference period)
GB EH40 / STEL : Short-term exposure limit (15-minute reference period)

ADN - European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways; ADR - Agreement concerning the International Carriage of Dangerous Goods by Road; AIIC - Australian Inventory of Industrial Chemicals; ASTM - American Society for the Testing of Materials; bw - Body weight; CLP - Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008; CMR - Carcinogen, Mutagen or Reproductive Toxicant; DIN - Standard of the German Institute for Standardisation; DSL - Domestic Substances List (Canada); ECHA - European Chemicals Agency; EC-Number - European Community number; ECx - Concentration associated with x% response; ELx - Loading rate associated with x% response; EmS - Emergency Schedule; ENCS - Existing and New Chemical Substances (Japan); ErCx - Concentration associated with x% growth rate response; GHS - Globally Harmonized System; GLP - Good Laboratory Practice; IARC - International Agency for Research on Cancer; IATA - International Air Transport Association; IBC - International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk; IC50 - Half maximal inhibitory concentration; ICAO - International Civil Aviation Organization; IECSC - Inventory of Existing Chemical Substances in China; IMDG - International Maritime Dangerous Goods; IMO - International Maritime Organization; ISHL - Industrial Safety and Health

According to REACH Regulation (EC) No 1907/2006, as amended by UK REACH Regulations SI 2019/758



Renault VERT NORMAND 790 10L 10L Steel drums

Version Revision Date: SDS Number: Date of last issue: -

1.0 25.04.2025 00000000050723

131 Date of first issue: 25.04.2025

Law (Japan); ISO - International Organisation for Standardization; KECI - Korea Existing Chemicals Inventory: LC50 - Lethal Concentration to 50 % of a test population: LD50 - Lethal Dose to 50% of a test population (Median Lethal Dose); MARPOL - International Convention for the Prevention of Pollution from Ships; n.o.s. - Not Otherwise Specified; NO(A)EC - No Observed (Adverse) Effect Concentration; NO(A)EL - No Observed (Adverse) Effect Level; NOELR - No Observable Effect Loading Rate; NZIoC - New Zealand Inventory of Chemicals; OECD - Organization for Economic Cooperation and Development; OPPTS - Office of Chemical Safety and Pollution Prevention; PBT -Persistent, Bioaccumulative and Toxic substance; PICCS - Philippines Inventory of Chemicals and Chemical Substances; (Q)SAR - (Quantitative) Structure Activity Relationship; REACH - Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals; RID - Regulations concerning the International Carriage of Dangerous Goods by Rail; SADT - Self-Accelerating Decomposition Temperature: SDS - Safety Data Sheet: SVHC - substance of very high concern: TCSI - Taiwan Chemical Substance Inventory; TECI - Thailand Existing Chemicals Inventory; TSCA - Toxic Substances Control Act (United States); UN - United Nations; UNRTDG - United Nations Recommendations on the Transport of Dangerous Goods; vPvB - Very Persistent and Very Bioaccumulative

Further information

Other information : For multi-pack systems observe material safety data sheets of

all components.

Restricted to professional users.

Classification of the mixture: Classification procedure:

Flam. Liq. 3 H226 Based on product data or assessment

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a

According to REACH Regulation (EC) No 1907/2006, as amended by UK REACH Regulations SI 2019/758



Renault VERT NORMAND 790 10L 10L Steel drums

Version Revision Date: SDS Number: Date of last issue: -

1.0 25.04.2025 00000000050723

131 Date of first issue: 25.04.2025

guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

GB/EN