SAFETY DATA SHEET



pPG

Date of issue/Date of revision : 15 December 2023 Version : 2 SECTION 1: Identification of the substance/mixture and of the company/ undertaking **1.1 Product identifier Product name** : SIGMA SAILADVANCE RX BROWN : 000001196779 **Product code** Other means of identification 00470678 1.2 Relevant identified uses of the substance or mixture and uses advised against **Product use** : Professional applications, Used by spraying, Application by non spray methods... Use of the substance/ : Coating. mixture : Product is not intended, labelled or packaged for consumer use. Uses advised against 1.3 Details of the supplier of the safety data sheet Sigma Coatings PTY 9 Arnold Street, Alrode, Alberton, Gauteng South Africa Tel: 0027 11 389 4800 e-mail address of person : PS.ACEMEA@ppg.com responsible for this SDS

1.4 Emergency telephone : +27 51 444 2134 number

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture Product definition : Mixture <u>Classification according to Regulation (EC) No. 1272/2008 [CLP/GHS]</u>

Mam. Liq. 3, H226 Acute Tox. 4, H302 Eye Dam. 1, H318 Skin Sens. 1, H317 Carc. 1B, H350 STOT SE 3, H335 STOT SE 3, H336 Aquatic Acute 1, H400 Aquatic Chronic 1, H410

The product is classified as hazardous according to Regulation (EC) 1272/2008 as amended.

See Section 16 for the full text of the H statements declared above.

See Section 11 for more detailed information on health effects and symptoms.

2.2 Label elements

English (GB)

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SIGMA SAILADVANCE RX BROWN				
SECTION 2: Hazards	identification			
Hazard pictograms			•	
Signal word	: Danger			
Hazard statements	: Mammable liquid Harmful if swallow May cause an alle Causes serious e May cause respira May cause drows May cause cance	ved. ergic skin reaction. ye damage. atory irritation. iness or dizziness.		
Precautionary statements				
Prevention		loves, protective clothing and eye or face pro s, sparks, open flames and other ignition sou rironment.		
Response	: Collect spillage.			
Storage	: Store in a well-ver	ntilated place. Keep container tightly closed.		
Disposal	international regul	nts and container in accordance with all local lations. 3, P391, P403 + P233, P501	, regional, national and	
Hazardous ingredients	: dicopper oxide Hydrocarbons, CS rosin 4-methylpentan-2 zineb (ISO) xylene Terpineol	9, aromatics > 0.1% cumene -one		
Supplemental label elements	: Not applicable.			
Annex XVII - Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles	: Restricted to profe	essional users.		
Special packaging requirem	<u>nents</u>			
Containers to be fitted with child-resistant fastenings	: Not applicable.			
Tactile warning of danger	: Not applicable.			
2.3 Other hazards				
Product meets the criteria for PBT or vPvB	: This mixture does	not contain any substances that are assess	ed to be a PBT or a vPvI	
Other hazards which do not result in classification	: Prolonged or repe	eated contact may dry skin and cause irritation	on.	

Conforms to Regulation (EC) No. 1907/2006 (REACH), Annex II, as amended by Commission Regulation (EU) 2020/878

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SECTION 3: Composition/information on ingredients

3.2 Mixtures

: Mixture

Product/ingredient name	Identifiers	%	Classification	Specific Conc. Limits, M-factors and ATEs	Туре
øîcopper oxide	REACH #: 01-2119513794-36 EC: 215-270-7 CAS: 1317-39-1 Index: 029-002-00-X	≥25 - ≤50	Acute Tox. 4, H302 Acute Tox. 4, H332 Eye Dam. 1, H318 Aquatic Acute 1, H400 Aquatic Chronic 1, H410	ATE [Oral] = 500 mg/ kg ATE [Inhalation (dusts and mists)] = 3.34 mg/l M [Acute] = 100 M [Chronic] = 10	[1] [2]
Hydrocarbons, C9, aromatics > 0.1% cumene	REACH #: 01-2119455851-35 EC: 918-668-5 CAS: 64742-95-6	≥10 - <20	Flam. Liq. 3, H226 Carc. 1B, H350 STOT SE 3, H335 STOT SE 3, H336 Asp. Tox. 1, H304 Aquatic Chronic 2, H411 EUH066	Carc. 1B, H350: C ≥ 10% EUH066: C ≥ 20%	[1]
rosin	REACH #: 01-2119480418-32 EC: 232-475-7 CAS: 8050-09-7 Index: 650-015-00-7	≥10 - ≤25	Skin Sens. 1, H317	-	[1] [2]
zinc oxide	REACH #: 01-2119463881-32 EC: 215-222-5 CAS: 1314-13-2 Index: 030-013-00-7	≥10 - ≤25	Aquatic Acute 1, H400 Aquatic Chronic 1, H410	M [Acute] = 1 M [Chronic] = 1	[1]
4-methylpentan-2-one	REACH #: 01-2119473980-30 EC: 203-550-1 CAS: 108-10-1 Index: 606-004-00-4	≥5.0 - ≤10	Flam. Liq. 2, H225 Acute Tox. 4, H332 Eye Irrit. 2, H319 Carc. 2, H351 STOT SE 3, H336 EUH066	ATE [Inhalation (vapours)] = 11 mg/l EUH066: C ≥ 20%	[1] [2]
zineb (ISO)	EC: 235-180-1 CAS: 12122-67-7 Index: 006-078-00-2	≥1.0 - ≤5.0	Skin Sens. 1, H317 STOT SE 3, H335	-	[1]
xylene	EC: 215-535-7 CAS: 1330-20-7	≥1.0 - ≤5.0	Flam. Liq. 3, H226 Acute Tox. 4, H312 Acute Tox. 4, H332 Skin Irrit. 2, H315 Eye Irrit. 2, H319 STOT SE 3, H335 Asp. Tox. 1, H304 Aquatic Chronic 3, H412	ATE [Dermal] = 1700 mg/kg ATE [Inhalation (vapours)] = 11 mg/l	[1] [2]
12-hydroxyoctadecanoic acid, reaction products with 1,3-benzenedimethanamine and hexamethylenediamine	REACH #: 01-0000017900-73 EC: 432-840-2 CAS: 220926-97-6 Index: 616-201-00-7	≥0.30 - ≤2.4	Acute Tox. 4, H332 STOT RE 2, H373 (lungs) (inhalation) Aquatic Chronic 4, H413	ATE [Inhalation (dusts and mists)] = 3.56 mg/l	[1] [2]
Terpineol	REACH #:	≥1.0 - ≤4.4	Skin Irrit. 2, H315	-	[1]
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SECTION 3: Composition/information on ingredients			

	-		-		
	01-2119553062-49 EC: 232-268-1 CAS: 8000-41-7		Eye Irrit. 2, H319 Skin Sens. 1, H317 Asp. Tox. 1, H304 Aquatic Chronic 2, H411		
copper(II) oxide	REACH #: 01-2119502447-44 EC: 215-269-1 CAS: 1317-38-0 Index: 029-016-00-6	≤1.0	Aquatic Acute 1, H400 Aquatic Chronic 1, H410	M [Acute] = 100 M [Chronic] = 10	[1]
copper	REACH #: 01-2119480154-42 EC: 231-159-6 CAS: 7440-50-8	<1.0	Aquatic Acute 1, H400 Aquatic Chronic 3, H412	M [Acute] = 1	[1]
			See Section 16 for the full text of the H statements declared above.		

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment, are PBTs, vPvBs or Substances of equivalent concern, or have been assigned a workplace exposure limit and hence require reporting in this section.

[1] Substance classified with a health or environmental hazard

[2] Substance with a workplace exposure limit

Occupational exposure limits, if available, are listed in Section 8.

SECTION 4: First aid measures

4.1 Description of first aid measures

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Eye contact	: Check for and remove any contact lenses. Immediately flush eyes with running water for at least 15 minutes, keeping eyelids open. Seek immediate medical attention.
Inhalation	: Remove to fresh air. Keep person warm and at rest. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel.
Skin contact	: Remove contaminated clothing and shoes. Wash skin thoroughly with soap and water or use recognised skin cleanser. Do NOT use solvents or thinners.
Ingestion	 If swallowed, seek medical advice immediately and show the container or label. Keep person warm and at rest. Do NOT induce vomiting.
Protection of first-aiders	: No action shall be taken involving any personal risk or without suitable training. If it is suspected that fumes are still present, the rescuer should wear an appropriate mask or self-contained breathing apparatus. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Wash contaminated clothing thoroughly with water before removing it, or wear gloves.

4.2 Most important symptoms and effects, both acute and delayed

Potential acute health effects Eye contact : Causes serious eye damage. Inhalation : Can cause central nervous system (CNS) depression. May cause drowsiness or dizziness. May cause respiratory irritation. Skin contact : Defatting to the skin. May cause skin dryness and irritation. May cause an allergic skin reaction. Ingestion : Harmful if swallowed. Can cause central nervous system (CNS) depression. Over-exposure signs/symptoms

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SECTION 4: First aid measures

Eye contact	: Adverse symptoms may include the following: pain watering redness
Inhalation	: Adverse symptoms may include the following: respiratory tract irritation coughing nausea or vomiting headache drowsiness/fatigue dizziness/vertigo unconsciousness
Skin contact	: Adverse symptoms may include the following: pain or irritation redness dryness cracking blistering may occur
Ingestion	: Adverse symptoms may include the following: stomach pains
4.3 Indication of any immed	iate medical attention and special treatment needed
Notes to physician	: In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours.

Specific treatments :

: No specific treatment.

SECTION 5: Firefighting measures

5.1 Extinguishing media	
Suitable extinguishing media	: Use dry chemical, CO ₂ , water spray (fog) or foam.
Unsuitable extinguishing media	: Do not use water jet.
5.2 Special hazards arising f	rom the substance or mixture
Hazards from the substance or mixture	: Flammable liquid and vapour. Runoff to sewer may create fire or explosion hazard. In a fire or if heated, a pressure increase will occur and the container may burst, with the risk of a subsequent explosion. This material is very toxic to aquatic life with long lasting effects. Fire water contaminated with this material must be contained and prevented from being discharged to any waterway, sewer or drain.
Hazardous combustion products	: Decomposition products may include the following materials: carbon oxides nitrogen oxides sulfur oxides metal oxide/oxides oxides of lead
5.3 Advice for firefighters	
Special precautions for fire-fighters	: Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training. Move containers from fire area if this can be done without risk. Use water spray to keep fire-exposed containers cool.

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SECTION 5: Firefight	ng measures
Special protective equipment for fire-fighters	: Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode. Clothing for fire-fighters (including helmets, protective boots and gloves) conforming to European standard EN 469 will provide a basic level of protection for chemical incidents.
SECTION 6: Acciden	al release measures
6.1 Personal precautions, pro	tective equipment and emergency procedures
For non-emergency personnel	: No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilt material. Shut off all ignition sources. No flares, smoking or flames in hazard area. Do not breathe vapour or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment.
For emergency responders	: If specialised clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".
6.2 Environmental precautions	: Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air). Water polluting material. May be harmful to the environment if released in large quantities. Collect spillage.
6.3 Methods and material for	containment and cleaning up
Small spill	: Stop leak if without risk. Move containers from spill area. Use spark-proof tools and explosion-proof equipment. Dilute with water and mop up if water-soluble. Alternatively or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.
Large spill	: Stop leak if without risk. Move containers from spill area. Use spark-proof tools and explosion-proof equipment. Approach the release from upwind. Prevent entry into sewers, water courses, basements or confined areas. Wash spillages into an effluent treatment plant or proceed as follows. Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations. Dispose of via a licensed waste disposal contractor. Contaminated absorbent material may pose the same hazard as the spilt product.
6.4 Reference to other sections	: See Section 1 for emergency contact information. See Section 8 for information on appropriate personal protective equipment. See Section 13 for additional waste treatment information.

UN 7: Handling and Storage

The information in this section contains generic advice and guidance. The list of Identified Uses in Section 1 should be consulted for any available use-specific information provided in the Exposure Scenario(s).

7.1 Precautions for safe handling

Protective measures	Put on appropriate personal protective equipment (see Section 8). Persons with a history of skin sensitization problems should not be employed in any process in which this product is used. Avoid exposure - obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Do not get in eyes or on skin or clothing. Do not breathe vapour or mist. Do not ingest. Avoid release to the environment. Use only with adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Do not enter storage areas and confined spaces unless adequately ventilated. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Store and use away from heat, sparks, open flame or any other ignition source. Use explosion-proof electrical (ventilating, lighting and material handling) equipment. Use only non-sparking tools. Take precautionary measures against electrostatic discharges. Empty containers
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English (GB) South Africa

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SECTION 7: Handli	ing and storage	
	retain product residue and can be hazardous. Do not reuse container.	
Advice on general occupational hygiene	: Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.	
7.2 Conditions for safe storage, including any incompatibilities	: Store between the following temperatures: 0 to 35°C (32 to 95°F). Store in accordance with local regulations. Store in a segregated and approved area. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Store locked up. Eliminate all ignition sources. Separate from oxidising materials. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabelled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use.	

7.3 Specific end use(s)

See Section 1.2 for Identified uses.

SECTION 8: Exposure controls/personal protection

The information in this section contains generic advice and guidance. The list of Identified Uses in Section 1 should be consulted for any available use-specific information provided in the Exposure Scenario(s).

8.1 Control parameters

Occupational exposure limits

Product/ingredient name	Exposure limit values				
dícopper oxide	DOL OEL (South Africa, 3/2021). [copper: fume (copper oxide) as Cu]				
	TWA: 0.4 mg/m³, (as Cu) 8 hours. Form: Fume				
rosin	ACGIH TLV (United States, 1/2023). [resin acids as total Resin				
	acids] Skin sensitiser. Inhalation sensitiser.				
	TWA: 0.001 mg/m³, (as total Resin acids) 8 hours. Form: Inhalable				
	fraction				
zinc oxide	DOL OEL (South Africa, 3/2021).				
	TWA: 4 mg/m ³ 8 hours. Form: Fume, respirable fraction				
	STEL: 20 mg/m ³ 15 minutes. Form: Fume, respirable fraction				
4-methylpentan-2-one	DOL OEL (South Africa, 3/2021). Absorbed through skin.				
	TWA: 40 ppm 8 hours.				
	STEL: 150 ppm 15 minutes.				
1,2,4-trimethylbenzene	DOL OEL (South Africa, 3/2021). [trimethylbenzene, all isomers				
	or mixtures]				
	TWA: 50 ppm 8 hours.				
diiron trioxide	DOL OEL (South Africa, 3/2021).				
	TWA: 10 mg/m ³ , (as Fe) 8 hours. Form: Fume, respirable fraction				
xylene	DOL OEL (South Africa, 3/2021). [xylene, o-, m-, p- or mixed				
	isomers] Absorbed through skin.				
	TWA: 200 ppm 8 hours.				
	STEL: 300 ppm 15 minutes.				
12-hydroxyoctadecanoic acid, reaction product	ACGIH TLV (United States).				
with 1,3-benzenedimethanamine and	TWA: 10 mg/m³ Form: Inhalable particle				
hexamethylenediamine	TWA: 3 mg/m ³ , (inhalable dust) Form: Respirable particle				

Biological exposure indices

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Product/ingredie	nt ·	name	Evr	oosure indices			
	nt i	lame					
₄ -methylpentan-2-one			DOL BEI (South Africa, 3/2021) BEI: 1 mg/l, methyl isobutyl ketone [in urine]. Sampling time: end of shift.				
xylene			DOL BEI (South Africa, 3/2021) [xylenes] BEI: 1.5 g/g creatinine, methylhippuric acid [in urine]. Sampling time: end of shift.				
Recommended monitoring procedures	-	Standard EN 689 by inhalation to c strategy) Europe application and u biological agents requirements for agents) Referen	 (Workplace atmospheres - G hemical agents for compariso ean Standard EN 14042 (Work use of procedures for the asset) European Standard EN 482 the performance of procedures 	lards, such as the following: En Buidance for the assessment of n with limit values and measure splace atmospheres - Guide for ssment of exposure to chemica (Workplace atmospheres - Ge as for the measurement of cher nents for methods for the deter	exposure ement the al and neral nical		
8.2 Exposure controls							
Appropriate engineering controls	:	other engineering recommended of	g controls to keep worker expo r statutory limits. The enginee oncentrations below any lower	ss enclosures, local exhaust ve osure to airborne contaminants ring controls also need to keep explosive limits. Use explosion	below any gas,		
Individual protection measured	res	1					
Hygiene measures	:	eating, smoking a Appropriate tech Contaminated we contaminated clo	and using the lavatory and at t niques should be used to remo ork clothing should not be allo	er handling chemical products, he end of the working period. ove potentially contaminated clowed out of the workplace. Was that eyewash stations and safe	othing. sh		
Eye/face protection <u>Skin protection</u>	:	Chemical splash	goggles and face shield.				
Hand protection	:	worn at all times necessary. Cons during use that the noted that the tim glove manufactur protection time o frequently repeat (breakthrough tim When only brief of (breakthrough tim The user must of product is the more	when handling chemical produ- sidering the parameters specif- ne gloves are still retaining the ne to breakthrough for any glov- rers. In the case of mixtures, f the gloves cannot be accurate red contact may occur, a glove- ne greater than 480 minutes a contact is expected, a glove w ne greater than 30 minutes ac- neck that the final choice of typ	ng with an approved standard s ucts if a risk assessment indica ied by the glove manufacturer, ir protective properties. It shou we material may be different for consisting of several substance tely estimated. When prolonge with a protection class of 6 ccording to EN 374) is recomment to a protection class of 2 or hig cording to EN 374) is recomment be of glove selected for handling account the particular condition	tes this is check ld be different es, the d or ended. her ended. g this		
Gloves	1	butyl rubber					
Body protection	:	Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product. When there is a risk of ignition from static electricity, wear anti-static protective clothing. For the greatest protection from static discharges, clothing should include anti-static overalls, boots and gloves. Refer to European Standard EN 1149 for further information on material and design requirements and test methods.					
Other skin protection		based on the tas		rotection measures should be s ks involved and should be appr			
			English (GB)	South Africa	8/17		

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Respiratory protection	hazards of the p are exposed to certified respira with an approve	ction must be based on known or anticipated e product and the safe working limits of the select concentrations above the exposure limit, they tors. Use a properly fitted, air-purifying or air-field standard if a risk assessment indicates this prming to EN140. Filter type: organic vapour (cted respirator. If workers must use appropriate, ed respirator complying is necessary. Wear a				
Environmental exposure controls	they comply wit cases, fume sci	ventilation or work process equipment should h the requirements of environmental protectior rubbers, filters or engineering modifications to ry to reduce emissions to acceptable levels.	n legislation. In some				

SECTION 9: Physical and chemical properties

The conditions of measurement of all properties are at standard temperature and pressure unless otherwise indicated.

Physical state : Liquid. Colour : Brown. Odour : Aromatic. [Slight] Odour threshold : Not available. Metting point/freezing point : May start to solidify at the following temperature: -35.9 to -28.2°C (-32.6 to -18.8°F This is based on data for the following ingredient: Terpineol. Weighted average: -69.29°C (-92.7°F) Initial boiling point and boiling range : >37.78°C Planmability : Not available. Upper/lower flammability or explosive limits : Greatest known range: Lower: 1.4% Upper: 7.6% (Solvent naphtha (petroleum), light aromatic) Flash point : Closed cup: 27°C Auto-ignition temperature : Closed cup: 27°C Decomposition temperature : Stable under recommended storage and handling conditions (see Section 7). pH Viscosity : Kinematic (room temperature): >400 mm²/s Kinematic (40°C): >21 mm²/s Viscosity : > 100 s (ISO 6mm) Solubility(ies) : Media Result cold water Not soluble Partition coefficient: n-octanol/ : Not applicable. Vapour pressure : Ingredient name Yapour Pressure at 20°C Vapour pressure at 50°C Partition coefficient: n-octanol/ :	<u>Appearance</u>	_	Linudal						
Odour : Aromatic. [Slight] Odour threshold : Not available. Melting point/freezing point : May start to solidify at the following temperature: -35.9 to -28.2°C (-32.6 to -18.8°F ris is based on data for the following ingredient: Terpineol. Weighted average: -69.29°C (-92.7°F) Initial boiling point and boiling range : >37.78°C Planmability : Not available. Upper/lower flammability or explosive limits : Greatest known range: Lower: 1.4% Upper: 7.6% (Solvent naphtha (petroleum), light aromatic) Flammability : Olosed cup: 27°C Auto-ignition temperature : Closed cup: 27°C Auto-ignition temperature : Stable under recommended storage and handling conditions (see Section 7). pH : Not applicable. Viscosity : Kinematic (rom temperature): >400 mm²/s Kinematic (40°C): >21 mm²/s Viscosity : > 100 s (ISO 6mm) Solubility(ies) : Media Result cold water Not applicable. Vapour pressure : Not applicable. Vapour pressure : Ingredient name ingredient name : Vapour Pressure at 20°C Vapour pressure at 50°C Vapour pressure : Not applicable. Water : Ingredient na		÷							
Odour threshold : Not available. Melting point/freezing point : May start to solidify at the following temperature: -35.9 to -28.2°C (-32.6 to -18.8°F This is based on data for the following ingredient: Terpineol. Weighted average: -69.29°C (-92.7°F) Initial boiling point and boiling range : >37.78°C Flammability : Not available. Upper/lower flammability or explosive limits : Greatest known range: Lower: 1.4% Upper: 7.6% (Solvent naphtha (petroleum), light aromatic) Flash point : Closed cup: 27°C Auto-ignition temperature : Stable under recommended storage and handling conditions (see Section 7). pH : Not applicable. Viscosity : Kinematic (40°C): >21 mm²/s Kinematic (40°C): >21 mm²/s Kinematic (40°C): >21 mm²/s Viscosity : > 100 s (ISO 6mm) Solubility(ies) : Media Result cold water Not applicable. Partition coefficient: n-octanol/ : Not applicable. water : Not applicable. Vapour pressure : : Ingredient name Vapour Pressure at 20°C Vapour pressure at 50°C Vapour pressure : : Ingredient name : <td></td> <td>÷</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>		÷							
Melting point/freezing point : May start to solidify at the following temperature: -35.9 to -28.2°C (-32.6 to -18.8°F This is based on data for the following ingredient: Terpineol. Weighted average: -69.29°C (-92.7°F) Initial boiling point and boiling range : >37.78°C Flammability : Not available. Upper/lower flammability or explosive limits : Greatest known range: Lower: 1.4% Upper: 7.6% (Solvent naphtha (petroleum), tight aromatic) Flam point : Closed cup: 27°C Auto-ignition temperature : Closed cup: 27°C Auto-ignition temperature : Stable under recommended storage and handling conditions (see Section 7). PH : Not applicable. Viscosity : Kinematic (nom temperature): >400 mm²/s Kinematic (40°C): >21 mm²/s Solubility(ies) : Media Result cold water Not soluble Partition coefficient: n-octanol/ : Not applicable. Vapour pressure : Ingredient name Vapour Pressure at 20°C Vapour pressure : Ingredient name Vapour Pressure at 20°C Vapour pressure : Ingredient name Vapour Pressure at 20°C Vapour pressure : Ingredient name		÷							
This is based on data for the following ingredient: Terpineol. Weighted average: -69.29°C (-92.7°F) Initial boiling point and boiling range :>37.78°C Flammability : Not available. Upper/lower flammability or explosive limits : Greatest known range: Lower: 1.4% Upper: 7.6% (Solvent naphtha (petroleum), light aromatic) Flash point : Closed cup: 27°C Auto-ignition temperature : Ingredient name °C °F Decomposition temperature : Stable under recommended storage and handling conditions (see Section 7). PH : Not applicable. Viscosity : Kinematic (room temperature): >400 mm²/s Kinematic (40°C): >21 mm²/s Solubility(ies) : > 100 s (ISO 6mm) Solubility(ies) : . Media Result . cold water Not soluble . Partition coefficient: n-octanol/ water : Not applicable. Vapour pressure : Ingredient name Vapour Pressure at 20°C Vapour pressure at 50°C Wapour pressure : Ingredient name Method Hg Hg Wapour pressure :		÷							
boiling range Flammability : Not available. Upper/lower flammability or explosive limits : Greatest known range: Lower: 1.4% Upper: 7.6% (Solvent naphtha (petroleum), light aromatic) Flash point : Closed cup: 27°C Auto-ignition temperature : Closed cup: 27°C Decomposition temperature : Stable under recommended storage and handling conditions (see Section 7). pH : Not applicable. Viscosity : Kinematic (room temperature): >400 mm²/s Kinematic (40°C): >21 mm²/s Viscosity : > 100 s (ISO 6mm) Solubility(ies) : Media Result cold water Not soluble Partition coefficient: n-octanol/ : Not applicable. Vapour pressure : Vapour pressure : Vapour pressure : Highest known value: 1.7 (4-methylpentan-2-one) Weighted average: 1.56compared with butyl acetate Relative density : 1.66	Melting point/freezing point	:	This is based on data						
Upper/lower flammability or explosive limits : Greatest known range: Lower: 1.4% Upper: 7.6% (Solvent naphtha (petroleum), light aromatic) Flash point : Closed cup: 27°C Auto-ignition temperature : Ingredient name °C °F Method zineb (ISO) 149 300.2		:	>37.78°C						
explosive limits light aromatic) Intervention to the term of the term of	Flammability	:	Not available.						
Auto-ignition temperature Ingredient name °C °F Method zineb (ISO) 149 300.2		:		ge: Lower:	1.4% L	Ipper: 7.6% (S	Solvent n	aphtha (p	etroleum),
Image: Stable under recommended storage and handling conditions (see Section 7). PH Stable under recommended storage and handling conditions (see Section 7). PH Not applicable. Viscosity Kinematic (room temperature): >400 mm²/s Kinematic (40°C): >21 mm²/s Viscosity > 100 s (ISO 6mm) Solubility(ies) Not soluble Partition coefficient: n-octanol/ water Not applicable. Vapour pressure Ingredient name Vapour Pressure at 20°C Vapour pressure at 50°C Ingredient name Vapour Pressure at 20°C Vapour pressure at 50°C Ingredient name Vapour Pressure at 20°C Vapour pressure at 50°C Ingredient name Vapour Pressure at 20°C Vapour pressure at 50°C Ingredient name Vapour Pressure at 20°C Vapour pressure at 50°C Ingredient name Vapour Pressure at 20°C Vapour pressure at 50°C Ingredient name Ingredient name Ingredient name Ingredient name Image: Source Ingredient name Ingredient name Ingredient name Ingredient name Image: Source Ingredient name Ingredient name Ingredient name Ingredient name Ingredient name Ingredient name	Flash point	:	Closed cup: 27°C						
Decomposition temperature pH : Stable under recommended storage and handling conditions (see Section 7). : Not applicable. : Not applicable. Viscosity : Kinematic (room temperature): >400 mm²/s Kinematic (40°C): >21 mm²/s Viscosity : > 100 s (ISO 6mm) Solubility(ies) : Media Result cold water Not soluble Partition coefficient: n-octanol/ water : Not applicable. Vapour pressure : Ingredient name Vapour Pressure at 20°C Vapour pressure at 50°C Image: Vapour pressure : Ingredient name Image: Nethod mm kPa Method Hg Image: Image	Auto-ignition temperature	:	Ingredient name		°C	°F		Method	
pH : Not applicable. Viscosity : Kinematic (room temperature): >400 mm²/s Kinematic (40°C): >21 mm²/s Viscosity : > 100 s (ISO 6mm) Solubility(ies) : Media Result cold water Not soluble Partition coefficient: n-octanol/ : Not applicable. water Vapour pressure at 20°C Vapour pressure at 50°C Vapour pressure : Ingredient name Wapour Pressure at 20°C Vapour pressure at 50°C Vapour pressure : Ingredient name Ingredient name Method Hig Vaporation rate : Highest known value: 1.7 (4-methylpentan-2-one) Weighted average: 1.56compared with butyl acetate 1.66			zineb (ISO)		149	300.2			
pH : Not applicable. Viscosity : Kinematic (room temperature): >400 mm²/s Kinematic (40°C): >21 mm²/s Viscosity : > 100 s (ISO 6mm) Solubility(ies) : Media Result cold water Not soluble Partition coefficient: n-octanol/ : Not applicable. water Vapour Pressure at 20°C Vapour pressure at 50°C Vapour pressure : Ingredient name Method Mg kPa Method Imm Hg kPa Method mm kPa Method Method Hg Imm Imm <th>Decomposition temperature</th> <th></th> <th>Stable under recomm</th> <th>mended st</th> <th>orade al</th> <th>nd handling co</th> <th>onditions</th> <th>(see Sec</th> <th>tion 7).</th>	Decomposition temperature		Stable under recomm	mended st	orade al	nd handling co	onditions	(see Sec	tion 7).
Viscosity : Kinematic (room temperature): >400 mm²/s Kinematic (40°C): >21 mm²/s Viscosity : > 100 s (ISO 6mm) Solubility(ies) :		:			<u>-</u>			(
Solubility(ies) : Media Result cold water Not soluble Partition coefficient: n-octanol/ : Not applicable. Water Vapour pressure : Vapour Pressure at 20°C Vapour pressure at 50°C Vapour pressure : Ingredient name Vapour Pressure at 20°C Vapour pressure at 50°C Wapour pressure : Ingredient name Vapour Pressure at 20°C Vapour pressure at 50°C Evaporation rate : Highest known value: 1.7 (4-methylpentan-2-one) Weighted average: 1.56compared with butyl acetate I.66	Viscosity	:	Kinematic (room terr		: >400 n	nm²/s			
Media Result cold water Not soluble Partition coefficient: n-octanol/ Not applicable. water Vapour pressure Vapour pressure Ingredient name Vapour Pressure at 20°C Vapour pressure at 50°C Imgredient name Imgredient name Imgredient name Method mm Hg kPa Method Imgredient name Imgredient name Imgredient name Imgredient name Imgredient name Method Imgredient name KPa Method Method Method Imgredient name Imgredien	Viscosity	:	> 100 s (ISO 6mm)						
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Partition coefficient: n-octanol/ water Not applicable. Vapour pressure Ingredient name Vapour Pressure at 20°C Vapour pressure at 50°C Impredient name Vapour Pressure at 20°C Vapour pressure at 50°C Impredient name Vapour Pressure at 20°C Vapour pressure at 50°C Impredient name Vapour Pressure at 20°C Vapour pressure at 50°C Impredient name Vapour Pressure at 20°C Vapour pressure at 50°C Impredient name Vapour Pressure at 20°C Vapour pressure at 50°C Impredient name Vapour Pressure at 20°C Vapour pressure at 50°C Impredient name Vapour Pressure at 20°C Vapour pressure at 50°C Impredient name Vapour Pressure at 20°C Vapour pressure at 50°C Impredient name Vapour Pressure at 20°C Vapour pressure at 50°C Impredient name Impredient name Vapour Pressure at 20°C Vapour pressure at 50°C Impredient name Impredient name Impredient name Impredient name Impredient name Evaporation rate Impredient name Impredient name Impredient name Impredient name Impredient name Impredint name Impredient name <th< td=""><td>Media</td><td></td><td>Result</td><td></td><td></td><td></td><td></td><td></td><td></td></th<>	Media		Result						
water Vapour pressure Ingredient name Vapour Pressure at 20°C Vapour pressure at 50°C Image: I	cold water		Not soluble						
Ingredient name Ingredient name <thi< td=""><td></td><td>:</td><td>Not applicable.</td><td></td><td></td><td></td><td></td><td></td><td></td></thi<>		:	Not applicable.						
Image: Market Method Image: Market Method Image: Method <thi< th=""><th>Vapour pressure</th><th>:</th><th></th><th>Vapoι</th><th>ur Press</th><th>ure at 20°C</th><th>Vap</th><th>our press</th><th>sure at 50°C</th></thi<>	Vapour pressure	:		Vapoι	ur Press	ure at 20°C	Vap	our press	sure at 50°C
Evaporation rate Hg Relative density 1.66			Ingredient name	mm Ha	kPa	Method	mm	kPa	Method
Evaporation rate : Highest known value: 1.7 (4-methylpentan-2-one) Weighted average: 1.56compared with butyl acetate Relative density : 1.66						method		in u	method
1.56compared with butyl acetate Relative density : 1.66			4-methylpentan-2-one	15.75128	2.1				
	Evaporation rate	:				itan-2-one) W	/eighted	average:	
Vapour density : Highest known value: 5.3 (Air = 1) (Terpineol). Weighted average: 3.78 (Air = 1)			4.00						
	Relative density	з.	1.66						

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SECTION 9: F	Physical and	chemical properties
Explosive proper	ties :	The product itself is not explosive, but the formation of an explosible mixture of vapour or dust with air is possible.
Oxidising propert	ies :	Product does not present an oxidizing hazard.
Particle characteris	<u>stics</u>	
Median particle si	ize :	Not applicable.
9.2 Other informati	on	
No additional inform	mation.	

	,
10.1 Reactivity	: No specific test data related to reactivity available for this product or its ingredients.
10.2 Chemical stability	: The product is stable.
10.3 Possibility of hazardous reactions	: Under normal conditions of storage and use, hazardous reactions will not occur.
10.4 Conditions to avoid	: When exposed to high temperatures may produce hazardous decomposition products. Refer to protective measures listed in sections 7 and 8.
10.5 Incompatible materials	: Keep away from the following materials to prevent strong exothermic reactions: oxidising agents, strong alkalis, strong acids.
10.6 Hazardous decomposition products	: Depending on conditions, decomposition products may include the following materials: carbon oxides nitrogen oxides sulfur oxides metal oxide/oxides

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Acute toxicity

Product/ingredient name	Result	Species	Dose	Exposure
dícopper oxide	LC50 Inhalation Dusts and	Rat	3.34 mg/l	4 hours
	mists			
	LD50 Dermal	Rat	>2000 mg/kg	-
	LD50 Oral	Rat	500 mg/kg	-
Hydrocarbons, C9, aromatics > 0.1% cumene	LD50 Dermal	Rabbit	>3160 mg/kg	-
	LD50 Oral	Rat -	3492 mg/kg	-
		Female		
rosin	LD50 Dermal	Rat	>2000 mg/kg	-
	LD50 Oral	Rat	7600 mg/kg	-
zinc oxide	LC50 Inhalation Dusts and	Rat	>5700 mg/m ³	4 hours
	mists		-	
	LD50 Dermal	Rat	>2000 mg/kg	-
	LD50 Oral	Rat	>5000 mg/kg	-
4-methylpentan-2-one	LC50 Inhalation Vapour	Rat	11 mg/l	4 hours
	LD50 Dermal	Rabbit	>5000 mg/kg	-
	LD50 Oral	Rat	2.08 g/kg	-
zineb (ISO)	LD50 Oral	Rat	>2000 mg/kg	-
xylene	LD50 Dermal	Rabbit	1.7 g/kg	-
	LD50 Oral	Rat	4.3 g/kg	-
12-hydroxyoctadecanoic acid, reaction	LC50 Inhalation Dusts and	Rat	3.56 mg/l	4 hours
products with 1,3-benzenedimethanamine	mists			
	English (GB)	South	n Africa	10/17

O a d a		Data of issue (Data of multiples	45 D
201607ms to 2020/878	o Regulation (EC) No.	1907/2006 (REACH), Annex II, as amended by Commission I	Regulation (EU)

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SECTION 11: Toxicological information

and hexamethylenediamine				
	LD50 Dermal	Rat	>2000 mg/kg	-
	LD50 Oral	Rat	>2000 mg/kg	-
Terpineol	LD50 Oral	Rat	4300 mg/kg	-
copper oxide	LD50 Oral	Rat	>2000 mg/kg	-
copper	LC50 Inhalation Dusts and	Rat	>5.11 mg/l	4 hours
	mists			

Conclusion/Summary

: There are no data available on the mixture itself.

Irritation/Corrosion

Product/ingredient name	Result	Species	Score	Exposure	Observation
₩ylene Terpineol	Skin - Moderate irritant Skin - Irritant	Rabbit Rabbit	-	24 hours 500 mg -	-

Conclusion/Summary

Eyes

There are no data available on the mixture itself.There are no data available on the mixture itself.

Respiratory

Sensitisation

Product/ingredient name	Route of exposure	Species	Result
zineb (ISO)	skin	Guinea pig	Sensitising
Terpineol	skin	Guinea pig	Sensitising

Conclusion/Summary	
Skin	: There are no data available on the mixture itself.
Respiratory	: There are no data available on the mixture itself.
Mutagenicity	
Conclusion/Summary	: There are no data available on the mixture itself.
Carcinogenicity	
Conclusion/Summary	: There are no data available on the mixture itself.
Reproductive toxicity	
Conclusion/Summary	: There are no data available on the mixture itself.
Teratogenicity	
Conclusion/Summary	: There are no data available on the mixture itself.
Specific target organ toxi	<u>city (single exposure)</u>

Route of Product/ingredient name Category **Target organs** exposure Hydrocarbons, C9, aromatics > 0.1% cumene Category 3 Respiratory tract irritation Category 3 Narcotic effects Category 3 4-methylpentan-2-one Narcotic effects zineb (ISO) Category 3 Respiratory tract irritation xylene Category 3 Respiratory tract irritation

Specific target organ toxicity (repeated exposure)

Product/ingredient name	Category	Route of exposure	Target organs
12-hydroxyoctadecanoic acid, reaction products with 1,3-benzenedimethanamine and hexamethylenediamine	Category 2	inhalation	lungs

Aspiration hazard

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SECTION 11: Toxicological information		
Product/ingredient name	R	acult

Product/i	ngredient name		Result	
₩ydrocarbons, C9, aromatics xylene	> 0.1% cumene		ASPIRATION HAZARD - Category 1 ASPIRATION HAZARD - Category 1	
Terpineol			ASPIRATION HAZARD - Category 1	
Information on likely routes of exposure	: Not available.			
Potential acute health effect	<u>s</u>			
Inhalation	: Can cause central nervous system (CNS) depression. May cause drowsiness or dizziness. May cause respiratory irritation.			
Ingestion	: Harmful if swallowe	ed. Can cause c	entral nervous system (CNS) depression.	
Skin contact	: Defatting to the skill reaction.	n. May cause sk	kin dryness and irritation. May cause an allergic skin	
Eye contact	: Causes serious eye	e damage.		
Symptoms related to the phy	ysical, chemical and	toxicological cl	naracteristics	
Inhalation	: Adverse symptoms respiratory tract irri coughing nausea or vomiting headache drowsiness/fatigue dizziness/vertigo unconsciousness	tation		
Ingestion	: Adverse symptoms stomach pains	may include the	e following:	
Skin contact	: Adverse symptoms pain or irritation redness dryness cracking blistering may occu		e following:	
Eye contact	: Adverse symptoms pain watering redness	s may include the	e following:	
Delayed and immediate effects as well as chronic effects from short and long-term exposure				
<u>Short term exposure</u>				
Potential immediate effects	: Not available.			
Potential delayed effects	: Not available.			
Long term exposure				
Potential immediate effects	: Not available.			
Potential delayed effects	: Not available.			
Potential chronic health effe	ects			
Not available.				
Conclusion/Summary	: Not available.			
General	: Prolonged or repea	ensitized, a seve	defat the skin and lead to irritation, cracking and/or are allergic reaction may occur when subsequently	
Carcinogenicity	: May cause cancer.	Risk of cancer	depends on duration and level of exposure.	
		English (GB)	South Africa 12/17	

Conform 2020/878		REACH), Annex II, as amended by Commissio	n Regulation (EU)
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SECTION 11: Toxicological information

: Not available.

Mutagenicity

: No known significant effects or critical hazards.

- **Reproductive toxicity**
- : No known significant effects or critical hazards.

Other information

Prolonged or repeated contact may dry skin and cause irritation. Sanding and grinding dusts may be harmful if inhaled. Repeated exposure to high vapor concentrations may cause irritation of the respiratory system and permanent brain and nervous system damage. Inhalation of vapour/aerosol concentrations above the recommended exposure limits causes headaches, drowsiness and nausea and may lead to unconsciousness or death. Avoid contact with skin and clothing.

11.2 Information on other hazards

11.2.1 Endocrine disrupting properties

Not available.

11.2.2 Other information

Not available.

SECTION 12: Ecological information

12.1 Toxicity

Product/ingredient name	Result	Species	Exposure
dicopper oxide	LC50 0.003 mg/l	Fish	96 hours
Hydrocarbons, C9, aromatics > 0.1% cumene	EC50 3.2 mg/l	Daphnia	48 hours
	LC50 9.2 mg/l	Fish	96 hours
zinc oxide	Acute EC50 0.17 mg/l	Algae	72 hours
	Acute EC50 0.481 mg/l	Daphnia - <i>Daphnia</i>	48 hours
	Fresh water	<i>magna</i> - Neonate	
	Chronic NOEC 0.017 mg/l	Algae	72 hours
	Fresh water		
4-methylpentan-2-one	Acute LC50 >179 mg/l	Fish	96 hours
12-hydroxyoctadecanoic acid, reaction products with	Acute EC50 >100 mg/l	Algae -	72 hours
1,3-benzenedimethanamine and		Pseudokirchneriella	
hexamethylenediamine		subcapitata	
		(microalgae)	
	Acute EC50 >100 mg/l	Daphnia - <i>Daphnia</i>	48 hours
		magna (Water flea)	
	Acute LC50 >100 mg/l	Fish - Oncorhynchus	96 hours
	_	mykiss (rainbow	
		trout)	
	Chronic NOEC 100 mg/l	Algae -	72 hours
		Pseudokirchneriella	
		subcapitata	
	Chronic NOEC ≥50 mg/l	Daphnia - <i>Daphnia</i>	21 days
		magna (Water flea)	-
copper	Acute LC50 810 ppb	Fish	96 hours
	Chronic EC10 8.1 µg/l	Daphnia - <i>Daphnia</i>	21 days
		magna - Neonate	-

Conclusion/Summary : There are no data available on the mixture itself.

12.2 Persistence and degradability

Conforms to Regulation (EC) No. 1907/2006 (REACH), Annex II, as amended by Commission Regulation (EU) 2020/878

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SECTION 12: Ecological information

Product/ingredient name	Test	Result	Dose	Inoculum
ydrocarbons, C9, aromatics > 0.1% cumene 4-methylpentan-2-one 12-hydroxyoctadecanoic acid, reaction products with 1,3-benzenedimethanamine and hexamethylenediamine	- OECD 301F OECD 301D Ready Biodegradability - Closed Bottle Test	75 % - Readily - 28 days 83 % - Readily - 28 days 9 % - Not readily - 29 days		-

Conclusion/Summary : There are no data available on the mixture itself.

Product/ingredient name	Aquatic half-life	Photolysis	Biodegradability
√ydrocarbons, C9, aromatics > 0.1% cumene	-	-	Readily
4-methylpentan-2-one	-	-	Readily
xylene	-	-	Readily

12.3 Bioaccumulative potential

Product/ingredient name	LogPow	BCF	Potential
rosin	1.9 to 7.7	-	High
4-methylpentan-2-one	1.9	-	Low
zineb (ISO)	1.3	-	Low
xylene	3.12	7.4 to 18.5	Low
12-hydroxyoctadecanoic acid, reaction products with 1,3-benzenedimethanamine and hexamethylenediamine	>6	-	High
Terpineol	2.6	-	Low

12.4 Mobility in soil

Soil/water partition	: Not available.
coefficient (Koc)	
Mobility	: Not available.

12.5 Results of PBT and vPvB assessment

This mixture does not contain any substances that are assessed to be a PBT or a vPvB.

12.6 Endocrine disrupting properties

Not available.

12.7 Other adverse effects

No known significant effects or critical hazards.

SECTION 13: Disposal considerations

The information in this section contains generic advice and guidance. The list of Identified Uses in Section 1 should be consulted for any available use-specific information provided in the Exposure Scenario(s).

13.1 Waste treatment methods

Product

ode : 0000011967	779	Date of issue/Date of revision	on : 15 December 2023	
IGMA SAILADVANCE RX	(BROWN			
ECTION 13: Dispo	osal considerations			
Methods of disposal	of this product, solution requirements of enviro regional local authority via a licensed waste d	te should be avoided or minimised ns and any by-products should at a mmental protection and waste disp requirements. Dispose of surplus isposal contractor. Waste should compliant with the requirements o	all times comply with the bosal legislation and any s and non-recyclable products not be disposed of untreated to	
Hazardous waste	: The classification of the	e product may meet the criteria fo	r a hazardous waste.	
European waste catalog	<u>jue (EWC)</u>			
Waste code		Waste designation		
08 01 11*	waste paint and varnish co	waste paint and varnish containing organic solvents or other hazardous substances		
Packaging Methods of disposal		te should be avoided or minimised ecycled. Incineration or landfill sh e.		
Type of packaging		European waste catalogue (E	WC)	
Container	15 01 06	mixed packaging		
Special precautions	taken when handling e Empty containers or lir residues may create a Do not cut, weld or grin	ontainer must be disposed of in a emptied containers that have not b hers may retain some product resi highly flammable or explosive atn nd used containers unless they ha rsal of spilt material and runoff an	een cleaned or rinsed out. dues. Vapour from product nosphere inside the container. ve been cleaned thoroughly	
SECTION 14: Trans	sport information			
		IMPO		

	ADR/RID	IMDG	ΙΑΤΑ
14.1 UN number or ID number	UN1263	UN1263	UN1263
14.2 UN proper shipping name	PAINT	PAINT	PAINT
14.3 Transport hazard class(es)	3	3	3
14.4 Packing group	Ш	111	III
14.5 Environmental hazards	Yes.	Yes.	Yes. The environmentally hazardous substance mark is not required.
Marine pollutant substances	Not applicable.	(dicopper oxide)	Not applicable.

Additional information ADR/RID : This class 3 viscous liquid that is also environmentally hazardous is not subject to regulation in packagings up to 5 L, provided the packagings meet the general provisions of 4.1.1.1, 4.1.1.2 and 4.1.1.4 to 4.1.1.8 according to 2.2.3.1.5.2. **Tunnel code** : (D/E) IMDG : This class 3 viscous liquid that is also environmentally hazardous is not subject to regulation in packagings up to 5 L, provided the packagings meet the general provisions of 4.1.1.1, 4.1.1.2 and 4.1.1.4 to 4.1.1.8 according to 2.3.2.5. : The environmentally hazardous substance mark may appear if required by other transportation ΙΑΤΑ regulations. English (GB) South Africa 15/17

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SIGMA SAILADVANCE RX BR	OWN			
SECTION 14: Transpo	ort information			
14.6 Special precautions for user		user's premises: always transport in closed E. Ensure that persons transporting the produ nt or spillage.		
14.7 Transport in bulk according to IMO nstruments	: Not applicable.			
SECTION 15: Regulat	tory informatio	n		
15.1 Safety, health and enviro	onmental regulations	/legislation specific for the substance or	mixture	
EU Regulation (EC) No. 1907	7/2006 (REACH)			
Annex XIV - List of substar	nces subject to autho	<u>prisation</u>		
Annex XIV				
None of the components are	e listed.			
Substances of very high c	<u>oncern</u>			
None of the components are	e listed.			
Annex XVII - Restrictions on the manufacture, placing on the market and use of certain dangerous substances,	: Restricted to profe	ssional users.		
mixtures and articles				

Explosive precursors : Not applicable.

Ozone depleting substances (1005/2009/EU)

Not listed.

15.2 Chemical safety

: No Chemical Safety Assessment has been carried out.

assessment

SECTION 16: Other information

Indicates information that has changed from previously issued version. **Abbreviations and** : ATE = Acute Toxicity Estimate acronyms CLP = Classification, Labelling and Packaging Regulation [Regulation (EC) No. 1272/2008] DNEL = Derived No Effect Level EUH statement = CLP-specific Hazard statement PNEC = Predicted No Effect Concentration RRN = REACH Registration Number Full text of abbreviated H **: H**225 Highly flammable liquid and vapour. statements Flammable liquid and vapour. H226 Harmful if swallowed. H302 H304 May be fatal if swallowed and enters airways. Harmful in contact with skin. H312 H315 Causes skin irritation. H317 May cause an allergic skin reaction. H318 Causes serious eye damage. Causes serious eye irritation. H319 Harmful if inhaled. H332 May cause respiratory irritation. H335 H336 May cause drowsiness or dizziness. H350 May cause cancer. South Africa English (GB) 16/17

Conforms to Regulation (EC) No. 1907/2006 (REACH), Annex II, as amended by Commission Regulation (EU) 2020/878					
Code : 000001196779		Date of issue/Date of revision	: 15 December 2023		
SIGMA SAILADVANCE RX BR	OWN				
SECTION 16: Other information					
	H373May cause darH400Very toxic to adH410Very toxic to adH411Toxic to aquatiH412Harmful to aquH413May cause lonEUH066Repeated exponention	quatic life with long lasting effects. c life with long lasting effects. latic life with long lasting effects. g lasting harmful effects to aquatic life. osure may cause skin dryness or cracki			
Full text of classifications [CLP/GHS]	: Acute Tox. 4 Aquatic Acute 1 Aquatic Chronic 1 Aquatic Chronic 2 Aquatic Chronic 3 Aquatic Chronic 4 Asp. Tox. 1 Carc. 1B Carc. 2 Eye Dam. 1 Eye Irrit. 2 Flam. Liq. 2 Flam. Liq. 3 Skin Irrit. 2 Skin Sens. 1 STOT RE 2	ACUTE TOXICITY - Category 4 SHORT-TERM (ACUTE) AQUATIC LONG-TERM (CHRONIC) AQUATIC LONG-TERM (CHRONIC) AQUATIC LONG-TERM (CHRONIC) AQUATIC LONG-TERM (CHRONIC) AQUATIC ASPIRATION HAZARD - Category 1 CARCINOGENICITY - Category 1 CARCINOGENICITY - Category 2 SERIOUS EYE DAMAGE/EYE IRRI SERIOUS EYE DAMAGE/EYE IRRI SERIOUS EYE DAMAGE/EYE IRRI FLAMMABLE LIQUIDS - Category 2 FLAMMABLE LIQUIDS - Category 3 SKIN CORROSION/IRRITATION - C SKIN SENSITISATION - Category 1 SPECIFIC TARGET ORGAN TOXIC EXPOSURE - Category 2	C HAZARD - Category 1 C HAZARD - Category 2 C HAZARD - Category 3 C HAZARD - Category 4 TATION - Category 1 TATION - Category 2 Category 2 CITY - REPEATED		
<u>History</u>					
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