# **SAFETY DATA SHEET**



### The information in this Safety Data Sheet is required pursuant to Hazardous Product Regulations 2015.

Date of issue/Date of revision 16 December 2024 Version 3.03

Section 1. Identification		
Product name	: SIGMA ECOFLEET 290 S REDBROWN	
Product code	: 000001100417	
Other means of identification	: 00249481	
Product type	: Liquid.	
Relevant identified uses of	the substance or mixture and uses advised against	
Product use	: Professional applications, Used by spraying.	
Use of the substance/ mixture	: Antifouling products	
Uses advised against	: Not applicable.	
Supplier	<ul> <li>PPG Architectural Coatings Canada, Inc.</li> <li>1550, rue Ampère, bureau 500</li> <li>Boucherville (Québec) J4B 7L4</li> <li>Canada</li> <li>+1 450-655-3121</li> </ul>	
	PPG Industries, Inc. One PPG Place Pittsburgh, PA 15272	
Emergency telephone number	: (412) 434-4515 (U.S.) (514) 645-1320 (Canada) SETIQ Interior de la República: 800-00-214-00 (México) SETIQ Ciudad de México: (55) 5559-1588 (México)	
Technical Phone Number	: 888-977-4762	

# Section 2. Hazard identification

Classification of the	: FLAMMABLE LIQUIDS - Category 3
substance or mixture	ACUTE TOXICITY (oral) - Category 4
	ACUTE TOXICITY (inhalation) - Category 4
	SKIN IRRITATION - Category 2
	SERIOUS EYE DAMAGE - Category 1
	SKIN SENSITIZATION - Category 1B
	CARCINOGENICITY - Category 2
	Health Hazards Not Otherwise Classified - Category 1
GHS label elements	
Hazard pictograms	

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## Section 2. Hazard identification

Signal word	nger	
Hazard statements	nmable liquid and vapor. mful if swallowed or if inh ises skin irritation. / cause an allergic skin re ises serious eye damage pected of causing cancel longed or repeated conta	eaction.
Precautionary statements		
Prevention	e been read and understo or face protection. Keep other ignition sources. N a. Avoid breathing vapor	efore use. Do not handle until all safety precautions bod. Wear protective gloves, protective clothing and away from heat, hot surfaces, sparks, open flames o smoking. Use only outdoors or in a well-ventilated Do not eat, drink or smoke when using this product. Ing. Contaminated work clothing should not be allowed
Response	son to fresh air and keep tor if you feel unwell. IF \$ feel unwell. Rinse mouth taminated clothing. Rinse dical advice or attention.	et medical advice or attention. IF INHALED: Remove comfortable for breathing. Call a POISON CENTER or SWALLOWED: Call a POISON CENTER or doctor if n. IF ON SKIN (or hair): Take off immediately all e skin with water. If skin irritation or rash occurs: Get IF IN EYES: Rinse cautiously with water for several ness, if present and easy to do. Continue rinsing. CENTER or doctor.
Storage	re locked up.	
Disposal	oose of contents and con international regulations	tainer in accordance with all local, regional, national
Supplemental label elements	Harmful If Eaten or Chew ersely affects blood and I pheral nervous systems a ses adverse developmen orn fetuses. Repeated e ation of the respiratory sy- nage. Inhalation of vapor/ osure limits causes head onsciousness or death. A r handling. Emits toxic fu	nsisting of ingredient(s) of unknown acute toxicity:

# Section 3. Composition/information on ingredients

Substance/mixture Product name		Mixture SIGMA ECOFLEET 290 S REDBROWN
Other means of identification	1	00249481

**CAS number/other identifiers** 

### Product name SIGMA ECOFLEET 290 S REDBROWN

# Section 3. Composition/information on ingredients

If copper oxide       copper () oxide; Copper oxide (Cu20); Copper oxide; Cuprous oxide; Copper(); Ocopper and not more than 0.03 % of choinde; C.1.77402; dicopper oxide; C.1. 77402; dicopper oxide; C.1. 77403; dicopper oxide; C.1. 77404; dic	Ingredient name	Synonyms	% (w/w)	CAS number
rosif: Rosin core solder pyrolysis products; Rosin core solder flux; Rosin (wood); COLOPHONIUM; 34,65,7.8-Hexahydro- 2H-1-benzopyran-2-one; 1-Cyclohexene- 1-propanoic acid, 2-hydroxy-, d-lactone1314-13-2zinc oxideCI 77947; Zinc oxide fume; Zinc peroxide; I.c. oxide Fume; ZINC OXIDE (ZNO); FLOWERS OF ZINC; zinc oxide, nanoparticles, uncoated; zinc oxide, isobutyl methyl ketone; 2-Pentanone, 4	dícopper oxide	Copper oxide; Cuprous oxide; copper(I) oxide containing by weight 78 % or more of copper and not more than 0,03 % of chloride; C.I. 77402; dicopper oxide; C.I. 77402; dicopper oxide; cuprous oxide; copper(1+) oxidocopper; Red copper oxide; Copper protoxide; Copper oxide,	10 - 30*	1317-39-1
Zinc, oxide Fume; ZINC OXIDE (ZNO); FLOWERS OF ZINC; zinc oxide, nanoparticles, cocated vith [3- (methacryloxy)propy] trimethoxysilane; C. I. Pigment White 4; Zinc monoxide; Zinc white108-10-14-methylpentan-2-oneisobutyl methyl ketone; 2-Pentanone, 4-methyl-2pentanone; Isopropyl acetone; Hexone (Methyl isobutyl ketone); Hexone; 4-Methyl-2-pentanone; Isopropyl acetone; Hexone (Methyl isobutyl ketone; Hexone; methyl 2-methylpropyl ketone; Hexone; MIK; methyl iso-butyl ketone; Hexone; methyl 2-methylpropyl ketone; Hexone; Mithic aromatic colvent naphtha (petroleum), light aromatic, Light aromatic solvent naphtha; petroleum, light aromatic; Solvent naphtha (petroleum), light aromatic; Light aromatic solvent naphtha (petroleum) (C8 to C10); Solvent naphtha, petroleum, light aromatic; Solvent naphtha, petroleum, light aromatic; Light aromatic; Solvent naphtha, petroleum, light aromatic; Solvent naphtha, petroleum, light aromatic; Solvent naphtha, petroleum, light aromatic; Light aromatic; Solvent naphtha, petroleum, light aromatic; Light aromatic; Light aromatic; Solvent naphtha (PETROLUEM DISTILLATE; SOLVENT, AROMATIC PETROLEUM3 - 7*1317-65-3LimestoneCalcium carbonate; Marble; calcite; MARBLE DUST; VALERITE; GROUND LIMESTONE; LIMESTONE; LOUR; LIMESTONE; LOURS; LIMESTONE; LOUR; LIMESTONE; LOURS); Magstone;3 - 7*	rosin	rosin; Rosin core solder pyrolysis products; Rosin core solder; Rosin core solder thermal decomposition products; rosin-based solder flux; Rosin (wood); COLOPHONIUM; 3,4,5,6,7,8-Hexahydro- 2H-1-benzopyran-2-one; 1-Cyclohexene-	7 - 13*	8050-09-7
4-metfyl-; MÉTHYL ISOBUTYL KETONE; 4-Methyl-2-pentanone; ISOBUTYL KETONE; 4-Methyl z-pentanone; ISOBUTYL KETONE; Hexone; Hexone; Methyl isobutyl ketone); Hexone; 4-Methyl z-pentanone; MIBK; methyl isobutyl ketone; MIBK; isopropylacetone; MIK; methyl z-methylpropyl ketone; 4-methyl- 2-oxopentane3 - 7*64742-95-6Solvent naphtha (petroleum), light aromaticLow boiling point naphtha - unspecified; Solvent naphtha (petroleum), light arom; Solvent naphtha, petroleum, light aromatic; Aromatic hydrocarbon solvents - medium flashpoint; Light aromatic; solvent naphtha; (petroleum), light aromatic; Light aromatic solvent naphtha (petroleum) (C8 to C10); Solvent naphtha, petroleum, light arom; AROMATIC PETROLUEM DISTILLATE; SOLVENT, AROMATIC PETROLEUM3 - 7*1317-65-3LimestoneCalcium carbonate; Marble; calcite; MARBLE DUST; VALERITE; GROUND LIMESTONE; LIMESTONE; LOUR; LIMESTONE, GROUND; Agstone;3 - 7*1317-65-3	zinc oxide	Zinc, oxide Fume; ZINC OXIDE (ZNO); FLOWERS OF ZINC; zinc oxide, nanoparticles, uncoated; zinc oxide, nanoparticles, coated with [3- (methacryloxy)propyl] trimethoxysilane; C. I. Pigment White 4; Zinc monoxide; Zinc	5 - 10*	1314-13-2
aromaticSolvent naphtha (petroleum), light arom; Solvent naphtha, petroleum, light aromatic; Aromatic hydrocarbon solvents - medium flashpoint; Light aromatic solvent naphtha; Solvent naphtha, light aromatic; Solvent naphtha; Solvent naphtha, light aromatic; Solvent naphtha (petroleum), light aromatic; Light aromatic solvent naphtha (petroleum) (C8 to C10); Solvent naphtha, petroleum, light arom.; AROMATIC PETROLUEM DISTILLATE; SOLVENT, AROMATIC PETROLEUM3 - 7*1317-65-3LimestoneCalcium carbonate; Marble; calcite; MARBLE DUST; VALERITE; GROUND LIMESTONE; LIMESTONE FLOUR; LIMESTONE, GROUND; Agstone;3 - 7*1317-65-3	4-methylpentan-2-one	4-methyl-; METHYL ISOBUTYL KETONE; 4-Methyl-2-pentanone; Isopropyl acetone; Hexone (Methyl isobutyl ketone); Hexone; 4-Methyl 2-pentanone; MIBK; methyl isobutyl ketone; MIBK; isopropylacetone; MIK; methyl iso-butyl ketone; hexone; methyl 2-methylpropyl ketone; 4-methyl-	5 - 10*	108-10-1
MARBLE DUST; VALERITE; GROUND LIMESTONE; LIMESTONE FLOUR; LIMESTONE, GROUND; Agstone;		Solvent naphtha (petroleum), light arom; Solvent naphtha, petroleum, light aromatic; Aromatic hydrocarbon solvents - medium flashpoint; Light aromatic solvent naphtha; Solvent naphtha, light aromatic; Solvent naphtha (petroleum), light aromatic; Light aromatic solvent naphtha (petroleum) (C8 to C10); Solvent naphtha, petroleum, light arom.; AROMATIC PETROLUEM DISTILLATE; SOLVENT,	3 - 7*	64742-95-6
	Limestone	MARBLE DUST; VALERITE; GROUND LIMESTONE; LIMESTONE FLOUR;	3 - 7*	1317-65-3

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# Section 3. Composition/information on ingredients

ethylbenzene	Benzene, ethyl-; Phenylethane; Ethylbenzol; photosensitive emulsion consisting of cyclized polyisoprene	0.1 - 1*	100-41-4
Talc , not containing asbestiform fibres	Talc; magnesium silicate monohydrate (talc) not containing asbestiform fibres	0.5 - 1.5*	14807-96-6
xylene	Benzene, dimethyl-; Xylol; Benzene, dimethyl-, mixed isomers; xylene, mixed isomers, pure; xylene, crude; Benzene, dimethyl-,; Xylene (mixed); xylene (total); Xylenes; Dimethylbenzene; XYLENES (Isomer Mixture)	0.5 - 1.5*	1330-20-7
3-ethyltoluene	m-Ethyltoluene; Benzene, 1-ethyl- 3-methyl-; Alkyl(C2-4) toluene; TOLUENE, 3-ETHYL-; Methyl-3-ethylbenzene; 1-methyl-3-ethylbenzene; 1-ethyl- 3-methylbenzene	1 - 5*	620-14-4
diiron trioxide	Iron oxide (Fe2O3); Iron oxide; C.I. Pigment Red 101; Ferric oxide; Iron oxide, anhydrous; Iron oxide, red; Iron sesquioxide; Iron trioxide; iron oxide pigment; Iron oxide dust and fume (as Fe); Rouge	1 - 5*	1309-37-1
1,2,4-trimethylbenzene	Benzene, 1,2,4-trimethyl-; .pseudo Cumene; Pseudocumene; psi-Cumene; Asymmetrical trimethylbenzene; hemimellitene; Trimethylbenzene; unsym- Trimethylbenzene; Trialkyl(C1-4)benzene; Tri-or tetramethylbenzene; 1,3,4-Trimethylbenzene	1 - 5*	95-63-6
Propane, 1-(ethenyloxy)-2-methyl-, polymer with chloroethene	Polymer of chloroethene / 2-methyl-1- (vinyloxy)propane; Vinyl chloride-Vinyl alkyl ether copolymer; 1-(Ethenyloxy) -2-methylpropane polymer with chloroethene; POLYMER, PROPANE, 1- (ETHENYLOXY)-2-METHYL WITH CHLOROETHENE; Copolymer of vinyl chloride and isobutyl vinyl ether	1 - 5*	25154-85-2
zineb (ISO)	zinc ethylenebis (dithiocarbamate); zinc ethylenebis(dithiocarbamate) (polymeric); zineb; Z-78; Zinc, [[2-[(dithiocarboxy) amino]ethyl]carbamodithioato(2-)kappa. S,.kappa.S']-; preparation containing zineb (ISO); zinc ethylenebisdithiocarbamate; zinc ethylenebisdithiocarbamate, polymeric; [{2-[(disulfanylmethyl)amino] ethyl}carbamodithioato(3-)-κ2S,S']zincate (1-); Zinc, (ethylenebis(dithiocarbamato))-; Carbamodithioic acid, 1,2-ethanediylbis-, zinc complex	3 - 7*	12122-67-7

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### Section 3. Composition/information on ingredients

	containing: — 55 % or more but not more than 75 % by weight of xylene (CAS RN 1330-20-7) and — 12 % or more but not more than 18 % by weight of ethylbenzene (CAS RN 100-41-4); EB; Mono-(or di-) methyl (ethyl,bromoallyl, bromopropyloxycarbonyl orchloropropyloxycarbonyl) benzene		
lead monoxide	Lead oxide (PbO); Lead oxide; Lead(II) oxide; Litharge; C.I. Pigment Yellow 46; C. I. 77577; litharge; lead monoxide; Lead protoxide; Plumbous oxide; Lead oxide, yellow; Lead compounds, inorganic	<0.1*	1317-36-8

Ranges if listed above for hazardous ingredient(s) are prescribed ranges. The actual concentration(s) or actual concentration range(s) are being withheld as a trade secret.

SUB codes represent substances without registered CAS Numbers.

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 and hence require reporting in this section.

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

redness

## Section 4. First-aid measures

If ingestion, irritation, any type of overexposure or symptoms of overexposure occur during or persists after use of this product, contact a POISON CONTROL CENTER, EMERGENCY ROOM OR PHYSICIAN immediately; have Safety Data Sheet information available. Never give anything by mouth to an unconscious or convulsing person.

Description of necessary first aid measures

Eye contact	<ul> <li>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.</li> </ul>
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 recognized skin cleanser. Do NOT use solvents or thinners.
Ingestion	: If swallowed, seek medical advice immediately and show this container or label. Keep person warm and at rest. Do NOT induce vomiting.
	toms/effects, acute and delayed
Potential acute healt	<u>h effects</u>
Eye contact	: Causes serious eye damage.
Inhalation	: Harmful if inhaled.
Skin contact	: Causes skin irritation. Defatting to the skin. May cause an allergic skin reaction.
Ingestion	: Harmful if swallowed.
Over-exposure signs	:/symptoms
Eye contact	: Adverse symptoms may include the following: pain watering

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## Section 4. First-aid measures

Inhalation	: No specific data.
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
Indication of immediate med	ical attention and special treatment needed, if necessary
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.
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.

See toxicological information (Section 11)

## Section 5. Fire-fighting measures

Extinguishing media	
Suitable extinguishing media	: Use dry chemical, CO <sub>2</sub> , water spray (fog) or foam.
Unsuitable extinguishing media	: Do not use water jet.
Specific hazards arising from the chemical	: Flammable liquid and vapor. 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.
Hazardous thermal decomposition products	: Decomposition products may include the following materials: carbon oxides nitrogen oxides sulfur oxides halogenated compounds metal oxide/oxides oxides of lead
Special protective actions 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.
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.

### Section 6. Accidental release measures

Personal precautions, protect	tiv	e 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 spilled material. Shut off all ignition sources. No flares, smoking or flames in hazard area. Do not breathe vapor or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment.
For emergency responders	:	If specialized 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".
Environmental precautions	:	Avoid dispersal of spilled 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).
Methods and materials 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 release from upwind. Prevent entry into

explosion-proof equipment. Approach 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 noncombustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations (see Section 13). Dispose of via a licensed waste disposal contractor. Contaminated absorbent material may pose the same hazard as the spilled product. Note: see Section 1 for emergency contact information and Section 13 for waste disposal.

## Section 7. Handling and storage

### 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 vapor or mist. Do not ingest. 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 retain product residue and can be hazardous. Do not reuse container.

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## Section 7. Handling and storage

Special precautions	source of ignition ong floors. Do no irfaces of any dwo ot apply on exterio railings, to which ultiple componen	nulate in low or confined areas or travel a considerable distance to and flash back. Vapors are heavier than air and may spread of apply on toys and other children's articles, furniture, or interior elling or facility which may be occupied or used by children. Do or surfaces of dwelling units, such as window sills, porches, stairs, a children may be commonly exposed. If this material is part of a t system, read the Safety Data Sheet(s) for the other component ore blending as the resulting mixture may have the hazards of all
Advice on general	′ash hands thoroເ	ughly after handling.
occupational hygiene	andled, stored and ating, drinking and	d smoking should be prohibited in areas where this material is d processed. Workers should wash hands and face before d smoking. Remove contaminated clothing and protective entering eating areas. See also Section 8 for additional tene measures.
Conditions for safe storage, including any incompatibilities	cordance with loo original contained ea, away from ind cked up. Elimina ontainer tightly clo pened must be ca	following temperatures: 0 to 35°C (32 to 95°F). Store in cal regulations. Store in a segregated and approved area. Store r protected from direct sunlight in a dry, cool and well-ventilated compatible materials (see Section 10) and food and drink. Store te all ignition sources. Separate from oxidizing materials. Keep used and sealed until ready for use. Containers that have been arefully resealed and kept upright to prevent leakage. Do not containers. Use appropriate containment to avoid environmental

## Section 8. Exposure controls/personal protection

#### **Control parameters**

### **Occupational exposure limits**

Ingredient name	Exposure limits			
dicopper oxide	CA Alberta Provincial (Canada, 3/2023) [Copper (fume)] OEL 8 hours: 0.2 mg/m <sup>3</sup> . Form: Fume. CA British Columbia Provincial (Canada, 8/2023) [Copper (fume)] TWA 8 hours: 0.2 mg/m <sup>3</sup> (as Cu). Form: Fume. CA Quebec Provincial (Canada, 7/2023) [Copper, fume] TWAEV 8 hours: 0.2 mg/m <sup>3</sup> (as Cu). Form: fume.			
rosin	CA British Columbia Provincial (Canada, 8/2023) Skin sensitizer, Inhalation sensitizer. CA Quebec Provincial (Canada, 7/2023) Skin sensitizer, Inhalation sensitizer.			
zinc oxide	CA Alberta Provincial (Canada, 3/2023) OEL 8 hours: 2 mg/m <sup>3</sup> . Form: Respirable. OEL 15 minutes: 10 mg/m <sup>3</sup> . Form: Respirable. CA British Columbia Provincial (Canada, 8/2023)			
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# Section 8. Exposure controls/personal protection

	TWA 8 hours: 2 mg/m <sup>3</sup> . Form: Respirable. STEL 15 minutes: 10 mg/m <sup>3</sup> . Form: Respirable. <b>CA Ontario Provincial (Canada, 6/2019)</b> TWA 8 hours: 2 mg/m <sup>3</sup> . Form: Respirable particulate matter STEL 15 minutes: 10 mg/m <sup>3</sup> . Form: Respirable particulate matter <b>CA Quebec Provincial (Canada, 7/2023)</b> TWAEV 8 hours: 2 mg/m <sup>3</sup> . Form: Respirable dust STEV 15 minutes: 10 mg/m <sup>3</sup> . Form: Respirable dust <b>CA Saskatchewan Provincial (Canada,</b> <b>7/2013)</b> STEL 15 minutes: 10 mg/m <sup>3</sup> . Form: respirable dust and fume. TWA 8 hours: 2 mg/m <sup>3</sup> . Form: respirable
	dust and fume.
4-methylpentan-2-one	<ul> <li>CA Alberta Provincial (Canada, 3/2023)</li> <li>OEL 8 hours: 205 mg/m<sup>3</sup>.</li> <li>OEL 8 hours: 50 ppm.</li> <li>OEL 15 minutes: 75 ppm.</li> <li>OEL 15 minutes: 307 mg/m<sup>3</sup>.</li> <li>CA British Columbia Provincial (Canada, 8/2023)</li> <li>TWA 8 hours: 20 ppm.</li> <li>STEL 15 minutes: 75 ppm.</li> <li>CA Ontario Provincial (Canada, 6/2019)</li> <li>TWA 8 hours: 20 ppm.</li> <li>STEL 15 minutes: 75 ppm.</li> <li>CA Quebec Provincial (Canada, 7/2023)</li> <li>TWAEV 8 hours: 20 ppm.</li> <li>STEV 15 minutes: 75 ppm.</li> <li>CA Saskatchewan Provincial (Canada, 7/2013)</li> <li>STEL 15 minutes: 75 ppm.</li> </ul>
Solvent naphtha (petroleum), light aromatic Limestone	<ul> <li>TWA 8 hours: 50 ppm.</li> <li>None.</li> <li>CA Alberta Provincial (Canada, 3/2023)</li> <li>[Calcium carbonate]</li> <li>OEL 8 hours: 10 mg/m<sup>3</sup>.</li> <li>CA British Columbia Provincial (Canada, 8/2023)</li> <li>TWA 8 hours: 10 mg/m<sup>3</sup>. Form: Total dust.</li> <li>STEL 15 minutes: 20 mg/m<sup>3</sup>.</li> <li>TWA 8 hours: 3 mg/m<sup>3</sup>. Form: respirable fraction.</li> <li>CA Quebec Provincial (Canada, 7/2023)</li> <li>TWAEV 8 hours: 10 mg/m<sup>3</sup>. Form: Total dust</li> <li>CA Saskatchewan Provincial (Canada, 7/2013) [Limestone]</li> <li>STEL 15 minutes: 20 mg/m<sup>3</sup>.</li> <li>TWA 8 hours: 10 mg/m<sup>3</sup>.</li> </ul>

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# Section 8. Exposure controls/personal protection

	CA Saskatchewan Provincial (Canada, 7/2013) [Calcium carbonate] STEL 15 minutes: 20 mg/m <sup>3</sup> . TWA 8 hours: 10 mg/m <sup>3</sup> .
zineb (ISO) Propane, 1-(ethenyloxy)-2-methyl-, polymer with chloroethene 1,2,4-trimethylbenzene	None. None. CA Alberta Provincial (Canada, 3/2023) [Trimethyl benzene] OEL 8 hours: 123 mg/m <sup>3</sup> . OEL 8 hours: 25 ppm. CA British Columbia Provincial (Canada, 8/2023) [Trimethyl benzene (mixed isomers)] TWA 8 hours: 25 ppm. CA Ontario Provincial (Canada, 6/2019) [Trimethyl benzene (mixed isomers)] TWA 8 hours: 25 ppm. CA Quebec Provincial (Canada, 7/2023) [Trimethyl benzene] Sensitizer. TWAEV 8 hours: 25 ppm. CA Saskatchewan Provincial (Canada, 7/2013) [Trimethyl benzene] STEL 15 minutes: 30 ppm. TWA 8 hours: 25 ppm.
diiron trioxide	<ul> <li>CA Alberta Provincial (Canada, 3/2023) OEL 8 hours: 5 mg/m<sup>3</sup>. Form: Respirable.</li> <li>CA British Columbia Provincial (Canada, 8/2023) TWA 8 hours: 10 mg/m<sup>3</sup>. Form: Total dust.</li> <li>CA Ontario Provincial (Canada, 6/2019) TWA 8 hours: 5 mg/m<sup>3</sup>. Form: Respirable particulate matter</li> <li>CA Quebec Provincial (Canada, 7/2023) TWAEV 8 hours: 5 mg/m<sup>3</sup> (as Fe). Form: dust and fume.</li> <li>CA Saskatchewan Provincial (Canada, 7/2013) STEL 15 minutes: 10 mg/m<sup>3</sup> (measured as Fe). Form: dust and fume. TWA 8 hours: 5 mg/m<sup>3</sup> (measured as Fe). Form: dust and fume.</li> </ul>
3-ethyltoluene xylene	<ul> <li>Form: dust and fume.</li> <li>None.</li> <li>CA Alberta Provincial (Canada, 3/2023)</li> <li>[Dimethylbenzene]</li> <li>OEL 8 hours: 100 ppm.</li> <li>OEL 15 minutes: 651 mg/m<sup>3</sup>.</li> <li>OEL 15 minutes: 150 ppm.</li> <li>OEL 8 hours: 434 mg/m<sup>3</sup>.</li> <li>CA British Columbia Provincial (Canada, 8/2023) [Xylene (o, m &amp; p isomers)]</li> <li>TWA 8 hours: 100 ppm.</li> <li>STEL 15 minutes: 150 ppm.</li> <li>CA Ontario Provincial (Canada, 6/2019)</li> <li>[Xylene (o, m-, p-isomers)]</li> </ul>

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# Section 8. Exposure controls/personal protection

	STEL 15 minutes: 150 ppm. TWA 8 hours: 100 ppm. CA Quebec Provincial (Canada, 7/2023)
	[Xylene] TWAEV 8 hours: 100 ppm. TWAEV 8 hours: 434 mg/m <sup>3</sup> . STEV 15 minutes: 150 ppm. STEV 15 minutes: 651 mg/m <sup>3</sup> . CA Saskatchewan Provincial (Canada, 7/2013) [Xylene] STEL 15 minutes: 150 ppm. TWA 8 hours: 100 ppm.
Talc , not containing asbestiform fibres	CA Alberta Provincial (Canada, 3/2023) OEL 8 hours: 2 mg/m <sup>3</sup> . Form: Respirable particulate. CA British Columbia Provincial (Canada, 8/2023)
	TWA 8 hours: 2 mg/m <sup>3</sup> . Form: Respirable. <b>CA Ontario Provincial (Canada, 6/2019)</b> TWA 8 hours: 2 mg/m <sup>3</sup> . Form: Respirable particulate matter <b>CA Quebec Provincial (Canada, 7/2023)</b> TWAEV 8 hours: 2 mg/m <sup>3</sup> . Form:
	Respirable dust CA Saskatchewan Provincial (Canada, 7/2013) TWA 8 hours: 2 mg/m <sup>3</sup> . Form: respirable fraction.
ethylbenzene	CA Alberta Provincial (Canada, 3/2023) OEL 8 hours: 100 ppm. OEL 8 hours: 434 mg/m <sup>3</sup> . OEL 15 minutes: 543 mg/m <sup>3</sup> . OEL 15 minutes: 125 ppm. CA British Columbia Provincial (Canada, 8/2023) TWA 8 hours: 20 ppm.
	CA Ontario Provincial (Canada, 6/2019) TWA 8 hours: 20 ppm. CA Quebec Provincial (Canada, 7/2023) TWAEV 8 hours: 20 ppm. CA Saskatchewan Provincial (Canada, 7/2013) STEL 15 minutes: 125 ppm. TWA 8 hours: 100 ppm.
lead monoxide	CA Alberta Provincial (Canada, 3/2023) [Lead elemental & inorganic compounds] OEL 8 hours: 0.05 mg/m <sup>3</sup> (as Pb). CA British Columbia Provincial (Canada, 8/2023) [Lead - inorganic compounds] TWA 8 hours: 0.05 mg/m <sup>3</sup> (as Pb). CA Ontario Provincial (Canada, 6/2019) [Elemental lead, inorganic compounds of lead] TWA 8 hours: 0.05 mg/m <sup>3</sup> (as Pb).
	TWA 8 hours: 0.05 mg/m <sup>3</sup> (as Pb). CA Quebec Provincial (Canada, 7/2023)

Product name SIGMA ECOFLEET 290 S REDBROWN

## Section 8. Exposure controls/personal protection

· · · ·	
	[Lead and inorganic compounds, dusts
	and fumes]
	TWAEV 8 hours: 0.05 mg/m³ (as Pb).
	CA Saskatchewan Provincial (Canada,
	7/2013) [Lead and inorganic compounds]
	STEL 15 minutes: 0.15 mg/m <sup>3</sup> (measured
	as Pb).
	TWA 8 hours: 0.05 mg/m <sup>3</sup> (measured as
	Pb).

Consult local authorities for acceptable exposure limits.

Recommended monitoring procedures	:	Reference should be made to appropriate monitoring standards. Reference to national guidance documents for methods for the determination of hazardous substances will also be required.
Appropriate engineering controls	:	Use only with adequate ventilation. Use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits. The engineering controls also need to keep gas, vapor or dust concentrations below any lower explosive limits. Use explosion-proof ventilation equipment.
Environmental exposure controls	:	Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.
Individual protection measu	<u>res</u>	
Hygiene measures	:	Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Contaminated work clothing should not be allowed out of the workplace. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.
Eye/face protection	:	Chemical splash goggles and face shield.
Skin protection		
Hand protection	:	Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary. Considering the parameters specified by the glove manufacturer, check during use that the gloves are still retaining their protective properties. It should be noted that the time to breakthrough for any glove material may be different for different glove manufacturers. In the case of mixtures, consisting of several substances, the protection time of the gloves cannot be accurately estimated.
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.
Other skin protection	:	Appropriate footwear and any additional skin protection measures should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

Product name SIGMA ECOFLEET 290 S REDBROWN

## Section 8. Exposure controls/personal protection

Respiratory protection	: Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator. If workers are exposed to concentrations above the exposure limit, they must use appropriate, certified respirators. Use a properly fitted, air-purifying or air-fed respirator complying with an approved standard if a risk assessment indicates this is necessary.

# Section 9. Physical and chemical properties

<u>Appearance</u>			
Physical state		Liquid.	
Color	1	Brownish-red.	
Odor	1	Characteristic.	
Odor threshold		Not available.	
рН		Not applicable.	
Melting point		Not available.	
Boiling point		>37.78°C (>100°F)	
Flash point	1	Closed cup: 31°C (87.8°F)	
Auto-ignition temperature	:	Not available.	
Decomposition temperature	1	Not available.	
Flammability	1	Not available.	
Lower and upper explosive (flammable) limits	:	Not available.	
Evaporation rate	:	Not available.	
Vapor pressure	:	Not available.	
Vapor density	:	Not available.	
Relative density	:	1.68	
Density(lbs / gal)	:	14.02	
Solubility(ies)		Media	Result
()		cold water	Not soluble
Partition coefficient: n- octanol/water	:	Not applicable.	
Viscosity		Øynamic (room temperature Kinematic (room temperatu Kinematic (40°C (104°F)): >	re): Not available.
% Solid. (w/w)		<b>7</b> 4.637	· · · ·

# Section 10. Stability and reactivity

	Canada Page: 13/20
Conditions to avoid	: When exposed to high temperatures may produce hazardous decomposition products.
Possibility of hazardous reactions	: Under normal conditions of storage and use, hazardous reactions will not occur.
Chemical stability	: The product is stable.
Reactivity	: No specific test data related to reactivity available for this product or its ingredients.

Date of issue 16 December 2024 Version 3.03

### Product name SIGMA ECOFLEET 290 S REDBROWN

## Section 10. Stability and reactivity

Refer to protective measures listed in sections 7 and 8.

Incompatible materials	Keep away from the following materials to prevent strong exothermic reactions: oxidizing agents, strong alkalis, strong acids.
Hazardous decomposition products	Depending on conditions, decomposition products may include the following materials carbon oxides nitrogen oxides sulfur oxides halogenated compounds metal oxide/ oxides

## Section 11. Toxicological information

#### Information on toxicological effects

#### Acute toxicity

Product/ingredient name	Result	Species	Dose	Exposure
dicopper oxide	LC50 Inhalation Dusts and mists	Rat	3.34 mg/l	4 hours
	LD50 Dermal	Rat	>2000 mg/kg	-
	LD50 Oral	Rat	500 mg/kg	-
rosin	LD50 Dermal	Rat	>2000 mg/kg	-
	LD50 Oral	Rat	7600 mg/kg	-
zinc oxide	LC50 Inhalation Dusts and mists	Rat	>5700 mg/m <sup>3</sup>	4 hours
	LD50 Dermal	Rat	>2000 mg/kg	-
	LD50 Oral	Rat	>5000 mg/kg	-
4-methylpentan-2-one	LC50 Inhalation Vapor	Rat	11 mg/l	4 hours
51	LD50 Dermal	Rabbit	>5000 mg/kg	-
	LD50 Oral	Rat	2.08 g/kg	-
Solvent naphtha (petroleum),	LD50 Dermal	Rabbit	3.48 g/kg	-
light aromatic			0.0	
5	LD50 Oral	Rat	8400 mg/kg	-
Limestone	LD50 Oral	Rat	6450 mg/kg	-
zineb (ISO)	LD50 Oral	Rat	>2000 mg/kg	-
1,2,4-trimethylbenzene	LC50 Inhalation Vapor	Rat	18000 mg/m <sup>3</sup>	4 hours
•	LD50 Oral	Rat	5 g/kg	-
diiron trioxide	LC50 Inhalation Dusts and mists	Rat	>5 mg/l	4 hours
	LD50 Oral	Rat	10 g/kg	-
xylene	LD50 Dermal	Rabbit	1.7 g/kg	-
-	LD50 Oral	Rat	4.3 g/kg	-
ethylbenzene	LC50 Inhalation Vapor	Rat	17.8 mg/l	4 hours
	LD50 Dermal	Rabbit	17.8 g/kg	-
	LD50 Oral	Rat	3.5 g/kg	-

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

### Irritation/Corrosion

Product/ingredient name	Result	Species	Score	Exposure	Observation
xylene	Skin - Moderate irritant	Rabbit	-	24 hours 500 mg	-

### **Conclusion/Summary**

- Skin
- Eyes
- Respiratory
- : There are no data available on the mixture itself.
- : There are no data available on the mixture itself.
- : There are no data available on the mixture itself.

### **Sensitization**

Product name SIGMA ECOFLEET 290 S REDBROWN

## Section 11. Toxicological information

Product/ingredient name	Route of exposure	Specie	es	Result	
zineb (ISO)	skin	Guinea	a pig	Sensitizing	
Skin	<b>zineb (ISO)</b> : Weakly positive.				
Respiratory	: There are n	o data avai	lable on the mixture itse	lf.	
<u>Mutagenicity</u>					
<b>Conclusion/Summary</b>	: There are no data available on the mixture itself.				
<b>Carcinogenicity</b>					
<b>Conclusion/Summary</b>	: There are n	o data avai	lable on the mixture itse	lf.	
<b>Classification</b>					
Product/ingredient name	OSHA	IARC	NTP		
4-methylpentan-2-one	-	2B	-		
zineb (ISO)	-	3	-		
diiron trioxide xylene	-	3 3	-		
ethylbenzene	-	2B	-		

Carcinogen Classification code:

IARC: 1, 2A, 2B, 3, 4 NTP: Known to be a human carcinogen; Reasonably anticipated to be a human carcinogen OSHA: + Not listed/not regulated: -

### 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 toxicity (single exposure)

Name	Category	Route of exposure	Target organs
4-methylpentan-2-one	Category 3	-	Narcotic effects
Solvent naphtha (petroleum), light aromatic	Category 3	-	Narcotic effects
zineb (ISO)	Category 3	-	Respiratory tract irritation
1,2,4-trimethylbenzene	Category 3	-	Respiratory tract irritation
xylene	Category 3	-	Respiratory tract irritation
Talc , not containing asbestiform fibres	Category 3	-	Respiratory tract irritation

### Specific target organ toxicity (repeated exposure)

Name		Route of exposure	Target organs
ethylbenzene	Category 2	-	hearing organs

### Product name SIGMA ECOFLEET 290 S REDBROWN

### Section 11. Toxicological information

#### **Target organs**

: Contains material which causes damage to the following organs: brain, central nervous system (CNS).

Contains material which may cause damage to the following organs: blood, kidneys, lungs, the nervous system, liver, gastrointestinal tract, cardiovascular system, upper respiratory tract, skin, eye, lens or cornea.

#### **Aspiration hazard**

Name	Result
Solvent naphtha (petroleum), light aromatic	ASPIRATION HAZARD - Category 1
3-ethyltoluene	ASPIRATION HAZARD - Category 1
xylene	ASPIRATION HAZARD - Category 1
ethylbenzene	ASPIRATION HAZARD - Category 1

#### Information on the likely routes of exposure

#### Potential acute health effects

Eye contact	: Causes serious eye damage.
Inhalation	: Harmful if inhaled.
Skin contact Ingestion	<ul> <li>Causes skin irritation. Defatting to the skin. May cause an allergic skin reaction.</li> <li>Harmful if swallowed.</li> </ul>

#### **Over-exposure signs/symptoms**

Eye contact	: Adverse symptoms may include the following: pain watering redness
Inhalation	: No specific data.
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

#### Delayed and immediate effects and also chronic effects from short and long term exposure

Conclusion/Summary
 There are no data available on the mixture itself. Contains lead. Exposure to lead dust and fumes adversely affects blood and blood forming tissues, kidneys, liver, the central/peripheral nervous systems and male/female reproductive organs. Lead exposure causes adverse developmental effects including brain damage in children and unborn fetuses. Exposure to component solvent vapor concentrations in excess of the stated occupational exposure limit may result in adverse health effects such as mucous membrane and respiratory system irritation and adverse effects on the kidneys, liver and central nervous system. Symptoms and signs include headache, dizziness, fatigue, muscular weakness, drowsiness and, in extreme cases, loss of consciousness. Solvents may cause some of the above effects by absorption through the skin. There is some evidence that repeated exposure to organic solvent vapors in combination with constant loud noise can cause greater hearing loss than expected from exposure to noise alone. If splashed in the eyes, the liquid may cause irritation and reversible damage. Ingestion may cause nausea,

### Product name SIGMA ECOFLEET 290 S REDBROWN

### Section 11. Toxicological information

diarrhea and vomiting. This takes into account, where known, delayed and immediate effects and also chronic effects of components from short-term and longterm exposure by oral, inhalation and dermal routes of exposure and eye contact. Short term exposure **Potential immediate** : There are no data available on the mixture itself. effects Potential delayed effects : There are no data available on the mixture itself. Long term exposure : There are no data available on the mixture itself. **Potential immediate** effects **Potential delayed effects** There are no data available on the mixture itself. Potential chronic health effects General : Prolonged or repeated contact can defat the skin and lead to irritation, cracking and/ or dermatitis. Once sensitized, a severe allergic reaction may occur when subsequently exposed to very low levels. : Suspected of causing cancer. Risk of cancer depends on duration and level of Carcinogenicity exposure. **Mutagenicity** : No known significant effects or critical hazards. **Reproductive toxicity** : No known significant effects or critical hazards.

#### Numerical measures of toxicity

#### Acute toxicity estimates

Product/ingredient name	Oral (mg/ kg)	Dermal (mg/kg)	Inhalation (gases) (ppm)	Inhalation (vapors) (mg/l)	Inhalation (dusts and mists) (mg/l)
GMA ECOFLEET 290 S REDBROWN	1563.8	3156.2	N/A	63.8	3.8
dicopper oxide	500	2500	N/A	N/A	3.34
rosin	7600	2500	N/A	N/A	N/A
zinc oxide	N/A	2500	N/A	N/A	N/A
4-methylpentan-2-one	2080	N/A	N/A	11	1.5
Solvent naphtha (petroleum), light aromatic	8400	3480	N/A	N/A	N/A
Limestone	6450	N/A	N/A	N/A	N/A
zineb (ISO)	2500	N/A	N/A	N/A	N/A
1,2,4-trimethylbenzene	5000	N/A	N/A	18	1.5
diiron trioxide	10000	N/A	N/A	N/A	N/A
xylene	4300	1700	N/A	11	1.5
ethylbenzene	3500	17800	N/A	17.8	1.5

### Section 12. Ecological information

**Toxicity** 

## Section 12. Ecological information

Product/ingredient name	Result	Species	Exposure
dicopper oxide	LC50 0.003 mg/l	Fish	96 hours
zinc oxide	Acute EC50 0.17 mg/l	Algae	72 hours
	Acute EC50 0.481 mg/l Fresh water	Daphnia - Daphnia magna -	48 hours
		Neonate	
	Chronic NOEC 0.017 mg/l Fresh water	Algae	72 hours
4-methylpentan-2-one	Acute LC50 >179 mg/l	Fish	96 hours
Solvent naphtha (petroleum),		Fish	96 hours
light aromatic			
Limestone	Acute LC50 >56000 mg/l	Fish	96 hours
diiron trioxide	Acute EC50 >100 mg/l	Daphnia	48 hours
ethylbenzene	Acute EC50 1.8 mg/l Fresh water	Daphnia	48 hours
	Chronic NOEC 1 mg/l Fresh water	Daphnia - Ceriodaphnia dubia	-

### Persistence and degradability

Product/ingredient name	Test	Result		Dose	Inoculum
4-methylpentan-2-one ethylbenzene	OECD 301F -	83 % - Readily - 28 79 % - Readily - 10		-	-
Product/ingredient name	Aquatic half-life		Photolysis	5	Biodegradability
4-methylpentan-2-one xylene ethylbenzene	- - -		-		Readily Readily Readily

#### **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
1,2,4-trimethylbenzene	3.63	120.23	Low
3-ethyltoluene	3.98	-	Low
xylene	3.12	7.4 to 18.5	Low
ethylbenzene	3.6	79.43	Low

#### Mobility in soil

Soil/water partition coefficient (Koc)

: Not available.

## Section 13. Disposal considerations

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**Disposal methods** 

The generation of waste should be avoided or minimized wherever possible. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus and nonrecyclable products via a licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible. This material and its container must be disposed of in a safe way. Care should be taken when handling emptied containers that have not been cleaned or rinsed out. Empty

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Product name SIGMA ECOFLEET 290 S REDBROWN

### Section 13. Disposal considerations

containers or liners may retain some product residues. Vapor from product residues may create a highly flammable or explosive atmosphere inside the container. Do not cut, weld or grind used containers unless they have been cleaned thoroughly internally. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

Disposal should be in accordance with applicable regional, national and local laws and regulations. Refer to Section 7: HANDLING AND STORAGE and Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION for additional handling information and protection of employees. Section 6. Accidental release measures

### Section 14. Transport information

	TDG	IMDG	IATA
UN number	UN1263	UN1263	UN1263
UN proper shipping name	PAINT	PAINT	PAINT
Transport hazard class (es)	3	3	3
Packing group	III		
Environmental hazards	Yes.	Yes.	Yes. The environmentally hazardous substance mark is not required.
Marine pollutant substances	(dicopper oxide)	(dicopper oxide)	Not applicable.

#### **Additional information** TDG : The marine pollutant mark is not required when transported by road or rail. : The marine pollutant mark is not required when transported in sizes of $\leq 5$ L or $\leq 5$ kg. IMDG The environmentally hazardous substance mark may appear if required by other transportation ΙΑΤΑ 5 regulations. Special precautions for user : Transport within user's premises: always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in the event of an accident or spillage. Transport in bulk according : Not applicable. to IMO instruments **Proof of classification** : Product classified as per the following sections of the Transportation of Dangerous Goods Regulations: 2.18-2.19 (Class 3), 2.7 (Marine pollutant mark). statement

Product name SIGMA ECOFLEET 290 S REDBROWN

### Section 15. Regulatory information

#### **National Inventory List**

Canada inventory (DSL)

: At least one component is not listed.

## Section 16. Other information

Please refer to Section 2 of this document for GHS hazard classifications. The customer is responsible for determining the PPE code for this material.

Date of issue/Date of revision	16 December 2024
Organization that prepared the SDS	: EHS
Key to abbreviations	<ul> <li>ATE = Acute Toxicity Estimate BCF = Bioconcentration Factor GHS = Globally Harmonized System of Classification and Labelling of Chemicals IATA = International Air Transport Association IBC = International Air Transport Association IBC = International Maritime Dangerous Goods LogPow = logarithm of the octanol/water partition coefficient MARPOL = International Convention for the Prevention of Pollution From Ships, 1973 as modified by the Protocol of 1978. ("Marpol" = marine pollution) N/A = Not available SGG = Segregation Group UN = United Nations</li> </ul>

#### ✓ Indicates information that has changed from previously issued version.

#### **Disclaimer**

The information contained in this data sheet is based on present scientific and technical knowledge. The purpose of this information is to draw attention to the health and safety aspects concerning the products supplied by PPG, and to recommend precautionary measures for the storage and handling of the products. No warranty or guarantee is given in respect of the properties of the products. No liability can be accepted for any failure to observe the precautionary measures described in this data sheet or for any misuse of the products.