

SAFETY DATA SHEET

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

Verto Rapiclen 13 Heavy Duty Maintenance Cleaner 5L

Product code	022193
Revision date	07/02/2026
Version	10.6
Generated	19/08/2026

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

1.1. Product identifier

Product form	Mixture
Trade name	Verto Rapiclen 13 Heavy Duty Maintenance Cleaner 5L
Product code	022193
Type of product	Detergent

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

1.2.1. Relevant identified uses

Main use category	Professional use
Industrial/Professional use spec	For professional use only
Use of the substance/mixture	Heavy-duty detergent

1.2.2. Uses advised against

No additional information available

1.3. Details of the supplier of the safety data sheet

Company	Parc Global Ltd
Address	Whitehall Point Whitehall Road Leeds LS12 4RZ United Kingdom
Telephone	0113 220 4080
Email	info@parcglobal.com

1.4. Emergency telephone number

Country	Organisation/Company	Address	Emergency number	Comment
Ireland	National Poisons Information Centre, Beaumont Hospital	PO Box 1297 Beaumont Road 9 Dublin	+353 1 809 2566 (Healthcare professionals—24/7) +353 1 809 2166 (public, 8am - 10pm, 7/7)	—

Country	Organisation/Company	Address	Emergency number	Comment
United Kingdom	National Poisons Information Service (Birmingham Centre), City Hospital	Dudley Road B18 7QH Birmingham	0344 892 0111	Only for healthcare professionals

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP]

Classification	Code
Skin corrosion/irritation, Category 1	H314
Serious eye damage/eye irritation, Category 1	H318

Full text of H- and EUH-statements: see section 16

Adverse physicochemical, human health and environmental effects

No additional information available

2.2. Label elements

Labelling according to Regulation (EC) No. 1272/2008 [CLP]

Hazard pictograms (CLP)	
Signal word (CLP)	Danger
Contains	sodium hydroxide; caustic soda
Hazard statements (CLP)	H314 - Causes severe skin burns and eye damage.
Precautionary statements (CLP)	P260 - Do not breathe spray. P264 - Wash hands thoroughly after handling. P280 - Wear eye protection, protective gloves. P301+P330+P331 - IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. P303+P361+P353 - IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower. P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P315 - Get immediate medical advice/attention. P405 - Store locked up.

2.3. Other hazards

The mixture does not contain substance(s) included in the list established in accordance with Article 59(1) of REACH for having endocrine disrupting properties, or is not identified as having endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at a concentration equal to or greater than 0,1 %

SECTION 3: Composition/information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
C9-11 Alcohol ethoxylate	CAS-No.: 68439-46-3	5 – 10	Eye Irrit. 2, H319
Silicic acid (H ₂ SiO ₃), sodium salt (waterglass) (SiO ₂ :Na ₂ O : > 2.6)	CAS-No.: 1344-09-8 EC-No.: 215-687-4 REACH-no: 01-2119448725-31	1 – 5	Skin Irrit. 2, H315 Eye Irrit. 2, H319
sodium hydroxide; caustic soda — substance with national workplace exposure limit(s) (IE, GB)	CAS-No.: 1310-73-2 EC-No.: 215-185-5 EC Index-No.: 011-002-00-6 REACH-no: 01-2119457892-27	1 – 5	Skin Corr. 1A, H314
N,N-dimethyldecylamine N-oxide	CAS-No.: 2605-79-0 EC-No.: 220-020-5 REACH-no: 01-2119959297-22	0.1 – 1	Eye Dam. 1, H318 Aquatic Acute 1, H400 (M=1) Aquatic Chronic 2, H411 Acute Tox. 4 (Oral), H302

Specific concentration limits:

Name	Product identifier	Specific concentration limits
sodium hydroxide; caustic soda	CAS-No.: 1310-73-2 EC-No.: 215-185-5 EC Index-No.: 011-002-00-6 REACH-no: 01-2119457892-27	(0.5 ≤ C < 2) Skin Irrit. 2, H315 (0.5 ≤ C < 2) Eye Irrit. 2, H319 (2 ≤ C < 5) Skin Corr. 1B, H314 (5 ≤ C ≤ 100) Skin Corr. 1A, H314

Full text of H- and EUH-statements: see section 16

SECTION 4: First aid measures

4.1. Description of first aid measures

First-aid measures general	Get medical advice/attention if you feel unwell.
First-aid measures after inhalation	Remove person to fresh air and keep comfortable for breathing.
First-aid measures after skin contact	Wash skin with plenty of water. Take off immediately all contaminated clothing and wash it before reuse. Get medical advice/attention.
First-aid measures after eye contact	Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get immediate medical advice/attention.
First-aid measures after ingestion	Do NOT induce vomiting. Rinse mouth. Drink plenty of water. Get medical advice/attention.

4.2. Most important symptoms and effects, both acute and delayed

Symptoms/effects after inhalation	May cause respiratory irritation.
Symptoms/effects after skin contact	Burns.
Symptoms/effects after eye contact	Causes serious eye damage.
Symptoms/effects after ingestion	Burns.

4.3. Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Suitable extinguishing media	Carbon dioxide. Dry powder. Foam.
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5.2. Hazardous decomposition products in case of fire	Corrosive vapours.
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5.3. Advice for firefighters	No additional information available
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SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1. For non-emergency personnel — Emergency procedures	Evacuate unnecessary personnel.
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6.1.2. For emergency responders — Protective equipment	Use personal protective equipment as required.
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6.2. Environmental precautions

Avoid release to the environment.

6.3. Methods and material for containment and cleaning up

For containment	Collect spillage.
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Methods for cleaning up	Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible.
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6.4. Reference to other sections

For further information refer to section 8: "Exposure controls/personal protection". For further information refer to section 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling	Avoid contact with skin and eyes.
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Hygiene measures	Do not eat, drink or smoke when using this product.
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7.2. Conditions for safe storage, including any incompatibilities

Technical measures	Does not require any specific or particular technical measures.
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Storage conditions	Keep container closed when not in use.
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Incompatible products	Oxidizing agent. Strong acids.
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Incompatible materials	Metals.
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Special rules on packaging

Keep only in original container.

7.3. Specific end use(s)

No additional information available

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

8.1.1 National occupational exposure and biological limit values

sodium hydroxide; caustic soda (1310-73-2) — Ireland	
Local name	Sodium hydroxide
OEL STEL	2 mg/m ³
sodium hydroxide; caustic soda (1310-73-2) — United Kingdom	
Local name	Sodium hydroxide
WEL STEL (OEL STEL)	2 mg/m ³
8.1.2. Recommended monitoring procedures	No additional information available
8.1.3. Air contaminants formed	No additional information available
8.1.4. DNEL and PNEC	No additional information available
8.1.5. Control banding	No additional information available

8.2. Exposure controls

8.2.1. Appropriate engineering controls	Not required for normal conditions of use.
Personal protective equipment symbol(s)	 
8.2.2.1. Eye protection	Safety glasses. EN 166
8.2.2.2. Skin and body protection	Not required for normal conditions of use
Hand protection	Chemical resistant gloves (according to European standard EN 374 or equivalent). Nitrile rubber gloves
Other skin protection — Materials for protective clothing	Not required for normal conditions of use
8.2.2.3. Respiratory protection	Not required for normal conditions of use
8.2.2.4. Thermal hazards	No additional information available
8.2.3. Environmental exposure controls	No additional information available

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	Liquid
Colour	Yellow.
Appearance	Liquid.
Odour	citrus-like.
Odour threshold	Not available
Melting point	Not available
Freezing point	Not available
Boiling point	≥ 100 °C
Flammability	Not available
Explosive limits	Not available
Lower explosive limit (LEL)	Not available
Upper explosive limit (UEL)	Not available
Flash point	Not available
Auto-ignition temperature	Not available
Decomposition temperature	Not available
pH	13
Viscosity, kinematic	Not available
Solubility	Soluble in water.
Partition coefficient n-octanol/water (Log Kow)	Not available
Vapour pressure	Not available
Vapour pressure at 50°C	Not available
Density	Not available
Relative density	1.07
Relative vapour density at 20°C	Not available
Particle size	Not applicable
Particle size distribution	Not applicable
Particle shape	Not applicable
Particle aspect ratio	Not applicable
Particle aggregation state	Not applicable
Particle agglomeration state	Not applicable
Particle specific surface area	Not applicable
Particle dustiness	Not applicable

9.2. Other information

9.2.1. Information with regard to physical hazard classes	No additional information available
9.2.2. Other safety characteristics	No additional information available

SECTION 10: Stability and reactivity

10.1. Reactivity	The product is non-reactive under normal conditions of use, storage and transport.
10.2. Chemical stability	Stable under normal conditions.
10.3. Possibility of hazardous reactions	Stable under normal conditions of use.
10.4. Conditions to avoid	None under recommended storage and handling conditions (see section 7).
10.5. Incompatible materials	Acids.
10.6. Hazardous decomposition products	Under normal conditions of storage and use, hazardous decomposition products should not be produced.

SECTION 11: Toxicological information

11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

Acute toxicity (oral)	Not classified
Acute toxicity (dermal)	Not classified
Acute toxicity (inhalation)	Not classified
Skin corrosion/irritation	Causes severe skin burns. pH: 13
Serious eye damage/irritation	Causes serious eye damage. pH: 13
Respiratory or skin sensitisation	Not classified
Germ cell mutagenicity	Not classified
Carcinogenicity	Not classified
Reproductive toxicity	Not classified
STOT-single exposure	Not classified
STOT-repeated exposure	Not classified
Aspiration hazard	Not classified

11.2. Information on other hazards

No additional information available

SECTION 12: Ecological information

12.1. Toxicity

Hazardous to the aquatic environment, short-term (acute)	Not classified
Hazardous to the aquatic environment, long-term (chronic)	Not classified

Silicic acid (H₂SiO₃), sodium salt (waterglass) (SiO₂:Na₂O : > 2.6) (1344-09-8)

LC50 - Fish [1]	260 mg/l
EC50 - Other aquatic organisms [1]	1700 mg/l waterflea
EC50 - Other aquatic organisms [2]	207 mg/l

sodium hydroxide; caustic soda (1310-73-2)

LC50 - Fish [1]	> 35 mg/l
EC50 - Other aquatic organisms [1]	> 33 mg/l waterflea

N,N-dimethyldecylamine N-oxide (2605-79-0)

LC50 - Fish [1]	> 10 mg/l
EC50 - Other aquatic organisms [1]	4.4 mg/l waterflea
EC50 - Other aquatic organisms [2]	0.11 mg/l

12.2. Persistence and degradability	No additional information available
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12.3. Bioaccumulative potential

sodium hydroxide; caustic soda (1310-73-2)

Partition coefficient n-octanol/water (Log Pow)	-3.88
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N,N-dimethyldecylamine N-oxide (2605-79-0)

Partition coefficient n-octanol/water (Log Pow)	3.69
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12.4. Mobility in soil	No additional information available
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12.5. Results of PBT and vPvB assessment	No additional information available
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12.6. Endocrine disrupting properties	No additional information available
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12.7. Other adverse effects	No additional information available
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SECTION 13: Disposal considerations

13.1. Waste treatment methods

Regional legislation (waste)	Dispose of in accordance with relevant local regulations.
Waste treatment methods	Dispose of contents/container in accordance with licensed collector's sorting instructions.
Product/Packaging disposal recommendations	Dispose in a safe manner in accordance with local/national regulations.

European List of Waste (LoW)
code

20 01 29* - detergents containing dangerous substances

SECTION 14: Transport information

In accordance with ADR / IMDG / IATA

14.1. UN number or ID number

UN-No. (ADR)	UN 1760
UN-No. (IMDG)	UN 1760
UN-No. (IATA)	UN 1760

14.2. UN proper shipping name

Proper Shipping Name (ADR)	CORROSIVE LIQUID, N.O.S.
Proper Shipping Name (IMDG)	CORROSIVE LIQUID, N.O.S.
Proper Shipping Name (IATA)	Corrosive liquid, n.o.s.
Transport document description (ADR)	UN 1760 CORROSIVE LIQUID, N.O.S. (SODIUM HYDROXIDE, SODIUM METASILICATE), 8, III, (E)
Transport document description (IMDG)	UN 1760 CORROSIVE LIQUID, N.O.S. (SODIUM HYDROXIDE, SODIUM METASILICATE), 8, III
Transport document description (IATA)	UN 1760 Corrosive liquid, n.o.s., 8, III

14.3. Transport hazard class(es)

Transport hazard class(es) (ADR)	8
Transport hazard class(es) (IMDG)	8
Transport hazard class(es) (IATA)	8
Danger labels (ADR / IMDG / IATA)	

14.4. Packing group

Packing group (ADR)	III
Packing group (IMDG)	III
Packing group (IATA)	III

14.5. Environmental hazards

Dangerous for the environment	No
Marine pollutant	No

Other information	No supplementary information available
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14.6. Special precautions for user

Overland transport

Classification code (ADR)	C9
Special provisions (ADR)	274
Limited quantities (ADR)	5I
Excepted quantities (ADR)	E1
Packing instructions (ADR)	P001, IBC03, LP01, R001
Mixed packing provisions (ADR)	MP19
Portable tank and bulk container instructions (ADR)	T7
Portable tank and bulk container special provisions (ADR)	TP1, TP28
Tank code (ADR)	L4BN
Vehicle for tank carriage	AT
Transport category (ADR)	3
Special provisions for carriage — Packages (ADR)	V12
Hazard identification number (Kemler No.)	80
Tunnel restriction code (ADR)	E
EAC code	2X
APP code	B
Orange plates	

Transport by sea

Special provisions (IMDG)	223, 274
Limited quantities (IMDG)	5 L
Excepted quantities (IMDG)	E1
Packing instructions (IMDG)	P001, LP01
IBC packing instructions (IMDG)	IBC03
Tank instructions (IMDG)	T7

Tank special provisions (IMDG)	TP1, TP28
EmS-No. (Fire)	F-A
EmS-No. (Spillage)	S-B
Stowage category (IMDG)	A

Air transport

PCA Excepted quantities (IATA)	E1
PCA Limited quantities (IATA)	Y841
PCA limited quantity max net quantity (IATA)	1L
PCA packing instructions (IATA)	852
PCA max net quantity (IATA)	5L
CAO packing instructions (IATA)	856
CAO max net quantity (IATA)	60L
Special provisions (IATA)	A3
ERG code (IATA)	8L

14.7. Maritime transport in bulk according to IMO instruments

Not applicable

SECTION 15: Regulatory information

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

15.1.1. EU-Regulations

Contains no substance(s) listed on REACH Annex XVII (Restriction Conditions)

Contains no substance(s) listed on the REACH Candidate List

Contains no substance(s) listed on REACH Annex XIV (Authorisation List)

Contains no substance(s) listed on the PIC list (Regulation EU 649/2012 concerning the export and import of hazardous chemicals)

Contains no substance(s) listed on the POP list (Regulation EU 2019/1021 on persistent organic pollutants)

Contains no substance(s) listed on the Explosives Precursors list (Regulation EU 2019/1148 on the marketing and use of explosives precursors)

CESIO recommendations	The surfactant(s) contained in this preparation complies(comply) with the biodegradability criteria as laid down in Regulation (EC) No.648/2004 on detergents. Data to support this assertion are held at the disposal of the competent authorities of the Member States and will be made available to them, at their direct request or at the request of a detergent manufacturer.
Other information, restriction and prohibition regulations	Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 and all its amendments and modifications. Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 and all its amendments and modifications. Detergent Regulation (648/2004).

Allergenic fragrances > 0.01 %	D-LIMONENE
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Detergent Regulation (648/2004/EC): Labelling of contents:

Component	%
amphoteric surfactants, non-ionic surfactants	<5%
perfumes	—
D-LIMONENE	—

15.1.2. National regulations

No additional information available

15.2. Chemical safety assessment

No chemical safety assessment has been carried out

SECTION 16: Other information

Data sources

REGULATION (EC) No 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006. Detergent Regulation (648/2004).

Full text of H- and EUH-statements:

Code	Full text
Acute Tox. 4 (Oral)	Acute toxicity (oral), Category 4
Aquatic Acute 1	Hazardous to the aquatic environment – Acute Hazard, Category 1
Aquatic Chronic 2	Hazardous to the aquatic environment – Chronic Hazard, Category 2
Eye Dam. 1	Serious eye damage/eye irritation, Category 1
Eye Irrit. 2	Serious eye damage/eye irritation, Category 2
H302	Harmful if swallowed.
H314	Causes severe skin burns and eye damage.
H315	Causes skin irritation.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H400	Very toxic to aquatic life.
H411	Toxic to aquatic life with long lasting effects.
Skin Corr. 1A	Skin corrosion/irritation, Category 1, Sub-Category 1A
Skin Corr. 1B	Skin corrosion/irritation, Category 1, Sub-Category 1B
Skin Irrit. 2	Skin corrosion/irritation, Category 2

Classification and procedure used to derive the classification for mixtures according to Regulation (EC) 1272/2008 [CLP]:

Classification	Code	Procedure
Skin Corr. 1	H314	On basis of test data
Eye Dam. 1	H318	Expert judgment

Safety Data Sheet (SDS), EU

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.