Safety Data Sheet according to (EC) No 1907/2006

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PAROZONE STRONG & THICK BLEACH - ORIGINAL

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

1.1. Product identifier
PAROZONE STRONG & THICK BLEACH – ORIGINAL

1.2. Relevant identified uses of the substance or mixture and uses advised against
Intended use:
Bleach. Disinfectant.

1.3. Details of the supplier of the safety data sheet
Henkel Ltd
Wood End Lane
Hemel Hempstead
Hertfordshire
UK
Phone: + 44 1442 278000

Consumer.response@henkel.com

1.4. Emergency telephone number
Henkel Ltd +44 1442 278000 (Mon-Fri 08:00 – 18:00)

SECTION 2: Hazards identification

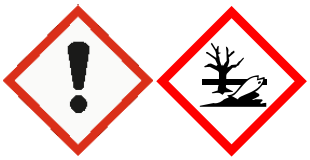
2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008 (CLP):
Eye Irrit. 2
H319 Causes serious eye irritation.
Aquatic Acute 1
H400 Very toxic to aquatic life.
Aquatic Chronic 1
H411 Toxic to aquatic life with long lasting effects.

2.2. Label elements

Label elements (CLP):

Hazard pictogram:



Signal word: Warning

Hazard statement: H319 Causes serious eye irritation.
H410 Very toxic to aquatic life with long lasting effects.

Precautionary statement: P102 Keep out of reach of children.
P280 Wear eye protection.
P305+P351 IF IN EYES: Rinse cautiously with water for several minutes.
P337+P313 If eye irritation persists: Get medical advice/attention.
P101 If medical advice is needed, have product container or label at hand.

2.3. Other hazards

EUH206 Warning! Do not use together with other products. May release dangerous gases (chlorine).

SECTION 3: Composition/information on ingredients

3.1. Substances

3.2. Mixtures

Hazardous substances according to CLP (EC) No 1272/2008:

Hazardous substances CAS-No.	EINECS	REACH-Reg No.	Content	Classification
Sodium hydroxide 1310-73-2	215-185-5	01-2119457892-27	>= 3- < 5 %	Corrosive to metals 1 H290 Skin corrosion 1A H314
Sodium hypochlorite 7681-52-9	231-668-3	01-2119488154-34	>= 1- < 3 %	Acute hazards to the aquatic environment 1 H400 Chronic hazards to the aquatic environment 1 H410 Skin corrosion 1B H314 Corrosive to metals 1 H290
Alkyl EO sulfate-Na C12-14 2+2,35EO 68891-38-3	500-234-8	01-2119488639-16	>= 1- < 3 %	Skin irritation 2 H315 Serious eye damage 1 H318 Chronic hazards to the aquatic environment 3 H412

For full text of the H - Phrases indicated by codes only see Section 16 "Other information".

SECTION 4: First aid measures

4.1. Description of first aid measures

General information:
In case of adverse health effects seek medical advice.

Inhalation:
Move to fresh air. In case of breathing difficulties seek immediate medical advice.

Skin contact:
Rinse with water. Take off all clothing contaminated by the product.

Eye contact:
Rinse immediately with plenty of running water (for 10 minutes). Seek medical attention if necessary.

Ingestion:
Do not induce vomiting, seek medical advice immediately.
Rinse mouth with water, (only if the person is conscious).

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

After inhalation: Irritation of the respiratory tract, coughing. Inhalation of larger amounts may cause laryngospasm with shortness of breath.
After skin contact: Temporary irritation of the skin (redness, swelling, burning).
After eye contact: Moderate to strong irritation of the eyes (redness, swelling, burning, watering eyes), the occurrence of these symptoms may be delayed.

After Ingestion: Ingestion may cause pain, burning, swelling and redness in the mouth and throat. Nausea and vomiting may occur.

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

After inhalation: No special action.
After skin contact: No special action.
After eye contact: No special action.
After ingestion: Do not induce vomiting. Single administration of a non-carbonated beverage (water or tea).

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media:

Water spray jet (if possible, avoid full jet). Adapt the fire-fighting measures to the environmental conditions.
Commercially available extinguishers are suitable for fighting incipient fires. The product itself does not burn.

Extinguishing media which must not be used for safety reasons:

None

5.2. Special hazards arising from the substance or mixture

Hazardous combustion products can be formed by pyrolysis and/or carbon monoxide.

5.3. Advice for firefighters

Use personal protective equipment and self-contained breathing apparatus.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

If large amounts are released contact the fire service.
Avoid contact with skin and eyes.
Ensure adequate ventilation.
Danger of slipping on spilled product.

6.2. Environmental precautions

Do not empty into drains / surface water / ground water.

6.3. Methods and material for containment and cleaning up

Remove mechanically. Rinse away residue with plenty of water.

6.4. Reference to other sections

See advice in section 8

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Do not reuse packaging for other usages

Hygiene measures:

Avoid contact with skin and eyes. Remove soiled or soaked clothing immediately. Wash off any contamination that gets onto the skin with plenty of water and soap, skin care.
Protective equipment only required in case of industrial use or for large packs (not for household packs)

7.2. Conditions for safe storage, including any incompatibilities

Store dry between +5 and +30°C
Store in a cool, dry place.
Keep away from heat and direct sunlight.
Ensure that storage and workrooms are adequately ventilated.
Do not store with strongly acidic or strongly alkaline products.

7.3. Specific end use(s)

Bleach. Disinfectant.

SECTION 8: Exposure controls/personal protection

Only relevant for professional/industrial use

8.1. Control parameters

Valid for
UK

Ingredient [Regulated substance]	ppm	mg/m³	Value type	Short term exposure limit category / Remarks	Remarks
Sodium hydroxide 1310-73-2		2	Short Term Exposure Limit (STEL):		VLA

8.2. Exposure controls

Respiratory protection:
Not needed.

Hand protection:
Wear chemical-resistant gloves. Observe glove manufacturer's instructions.

Eye protection:
Wear tight fitting goggles.

Skin protection:
Protective clothing against chemicals. Observe manufacturer's instructions.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

The following data apply to the whole mixture.

a) Appearance	liquid viscous yellow
b) Odour	citrus woody
c) Odour threshold	No data available / Not applicable
d) pH (20 °C (68 °F); Conc.: 100 ; Solvent: None)	12,7 - 13,3
e) Melting point	No data available / Not applicable
f) Initial boiling point and boiling range	No data available / Not applicable
g) Flash point	No flash point up to 100°C. Aqueous preparation.
h) Evaporation rate	No data available / Not applicable
i) Flammability (solid, gas)	No data available / Not applicable
j) Upper / lower flammability or explosive limits	No data available / Not applicable
k) Vapour pressure	No data available / Not applicable
l) Vapor density	No data available / Not applicable
m) Relative density	
Density (20 °C (68 °F))	1,0600 - 1,0800 g/cm3
n) Solubility (ies)	Not applicable
o) Partition coefficient: n-octanol/water	No data available / Not applicable
p) Auto-ignition temperature	No data available / Not applicable

q) Decomposition temperature	No data available / Not applicable
r) Viscosity	No data available / Not applicable
s) Explosive properties	No data available / Not applicable
t) Oxidising properties	No data available / Not applicable

9.2. Other information

Not applicable

SECTION 10: Stability and reactivity

10.1. Reactivity
Warning! Do not mix with acidic products as release dangerous fumes (chlorine) may be released.

10.2. Chemical stability
Stable under normal conditions of temperature and pressure.

10.3. Possibility of hazardous reactions
See section reactivity

10.4. Conditions to avoid
Avoid heating.

10.5. Incompatible materials
Contact with acids liberates toxic gas.

10.6. Hazardous decomposition products
Heating causes decomposition and chlorine evolution.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute oral toxicity:

Hazardous substances CAS-No.	Value type	Value	Species	Method
Sodium hydroxide 1310-73-2 Sodium hypochlorite 7681-52-9 Alkyl EO sulfate-Na C12-14 2+2,35EO 68891-38-3	LDLo LD50	500 mg/kg 8.830 mg/kg	rabbit rat	OECD 401

Acute dermal toxicity:

Hazardous substances CAS-No.	Value type	Value	Species	Method
Sodium hydroxide 1310-73-2 Sodium hypochlorite 7681-52-9 Alkyl EO sulfate-Na C12-14 2+2,35EO 68891-38-3	LD50	> 20.000 mg/kg	rabbit	OECD 402

Acute inhalation toxicity:

Hazardous substances CAS-No.	Value type	Value	Exposure time	Species	Method
Sodium hydroxide 1310-73-2 Alkyl EO sulfate-Na C12-14 2+2,35EO 68891-38-3					

Skin corrosion/irritation:

The mixture was classified based on data of similar tested mixtures following the EU Regulation (EC) No 1272/2008 on the classification, labelling and packaging of substances and mixtures, ECHA Guidance on the application of CLP criteria and A.I.S.E. recommendations. Relevant toxicological information on the substances listed under Section 3 is provided in the following.

The product has not to be classified as skin irritation based on experimental data of an OECD 404 Test with a similar mixture.

Serious eye damage/irritation:

The mixture was classified based on data of similar tested mixtures following the EU Regulation (EC) No 1272/2008 on the classification, labelling and packaging of substances and mixtures, ECHA Guidance on the application of CLP criteria and A.I.S.E. recommendations. Relevant toxicological information on the substances listed under Section 3 is provided in the following.

The product has to be classified as eye irritation category 2 based on experimental data of an OECD 405 Test with a similar mixture.

Respiratory or skin sensitization:

Hazardous substances CAS-No.	**Conclusion**	**Test type**	**Species**	**Method**
Sodium hydroxide 1310-73-2	not sensitising	Patch-Test	human	
Sodium hypochlorite 7681-52-9	not sensitising	Buehler test	guinea pig	OECD 406

Germ cell mutagenicity:

Hazardous substances CAS-No.	**Result**	**Type of study**	**Metabolic activation / Exposure time**	**Species**	**Method**
Sodium hydroxide 1310-73-2	negative	bacterial reverse mutation assay (e.g Ames test)	no data		
Sodium hypochlorite 7681-52-9	positive with metabolic activation	bacterial reverse mutation assay (e.g Ames test)	with		OECD 471
	negative	bacterial reverse mutation assay (e.g Ames test)	without		OECD 471
	ambiguous	in vitro mammalian chromosome aberration test	without		OECD 473
	ambiguous without metabolic activation	in vitro mammalian chromosome aberration test	without		OECD 473
	positive with metabolic activation	in vitro mammalian chromosome aberration test	with and without		OECD 473
Sodium hypochlorite 7681-52-9	negative	intraperitoneal		mouse	OECD 474
	negative	oral: gavage		mouse	OECD 474
	negative	oral: gavage		mouse	OECD 475
	negative	oral: gavage		rat	
	ambiguous	oral: gavage		mouse	

Reproductive toxicity:

Hazardous substances CAS-No.	**Result / Classification**	**Species**	**Exposure time**	**Species**	**Method**
Sodium hypochlorite 7681-52-9	NOAEL P = >= 5 mg/kg NOAEL F1 = >= 5 mg/kg	oral: gavage		rat	OECD 415

SECTION 12: Ecological information

12.1. Toxicity

Toxicity (Fish):

Hazardous substances CAS-No.	Value type	Value	Exposure time	Species	Method
Sodium hydroxide 1310-73-2	LC50	189 mg/l	48 h	Leuciscus idus melanotus	OECD Guideline 203 (Fish, Acute Toxicity Test)
Sodium hypochlorite 7681-52-9	LC50	> 10 - 100 µg/l			OECD Guideline 203 (Fish, Acute Toxicity Test)
Alkyl EO sulfate-Na C12-14 2+2,35EO 68891-38-3	LC50	7,1 mg/l	96 h	Danio rerio (reported as Brachydanio rerio)	OECD Guideline 203 (Fish, Acute Toxicity Test)
	NOEC	> 1 - 10 mg/l			OECD Guideline 204 (Fish, Prolonged Toxicity Test: 14-day Study)

Toxicity (Daphnia):

Hazardous substances CAS-No.	Value type	Value	Exposure time	Species	Method
Sodium hydroxide 1310-73-2	EC50	> 100 mg/l	48 h	Daphnia sp.	OECD Guideline 202 (Daphnia sp. Acute Immobilisation Test)
Sodium hypochlorite 7681-52-9	EC50	> 10 - 100 µg/l		Daphnia magna	OECD Guideline 202 (Daphnia sp. Acute Immobilisation Test)
Alkyl EO sulfate-Na C12-14 2+2,35EO 68891-38-3	EC50	> 10 - 100 mg/l	48 h	Daphnia magna	OECD Guideline 202 (Daphnia sp. Acute Immobilisation Test)

Toxicity (Algae):

Hazardous substances CAS-No.	Value type	Value	Exposure time	Species	Method
Sodium hypochlorite 7681-52-9	EC50	0,4 mg/l	24 h	Dunaliella sp.	OECD Guideline 201 (Alga, Growth Inhibition Test)
Alkyl EO sulfate-Na C12-14 2+2,35EO 68891-38-3	EC50	27,7 mg/l	72 h	Scenedesmus subspicatus (new name: Desmodesmus subspicatus)	OECD Guideline 201 (Alga, Growth Inhibition Test)
	NOEC	0,95 mg/l	72 h	Scenedesmus subspicatus (new name: Desmodesmus subspicatus)	OECD Guideline 201 (Alga, Growth Inhibition Test)

12.2. Persistence and degradability

Hazardous substances CAS-No.	Result	Test type	Biodegradation	Method
Alkyl EO sulfate-Na C12-14 2+2,35EO 68891-38-3	readily biodegradable	no data	> 60 %	OECD 301 A - F

12.3. Bioaccumulative potential

Does not bioaccumulate.

12.4. Mobility in soil

No data available.

12.5. Results of PBT and vPvB assessment

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

12.6. Other adverse effects

Other adverse effects of this product for the environment are not known to us.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Product disposal:

Dispose of in accordance with local and national regulations.

Disposal of uncleaned packages:

Only completely empty containers are to be disposed of as recoverable materials.

SECTION 14: Transport information

14.1. UN number

UN3082

14.2. UN proper shipping name

ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (contains sodium hypochlorite).

14.3. Transport hazard class(es)

Class 9

14.4. Packing group

III

14.5. Environmental hazards

Not applicable.

14.6. Special precautions for user

ADR Tunnel Code: (-)

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

Not required.

The transport classifications in this section apply generally to packed and bulk goods alike. For containers with a net volume of no more than 5 L for liquid substances or a net mass of no more than 5 kg for solid substances per individual or inner package, the exemptions SP 375 (ADR), 197 (IATA), 969 (IMDG) may be applied, which can result in a deviation from the transport classification for packed goods.

SECTION 15: Regulatory information

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

100040 (INRS)

Declaration of ingredients according to Detergent Regulation 648/2004/EC

< 5 %	anionic surfactants chlorine-based bleaching agents disinfectant (sodium hypochlorite 3.6g / 100g)
Further ingredients	Perfumes

15.2. Chemical safety assessment

No Chemical Safety Assessment has been carried out.

SECTION 16: Other information

The labelling of the product is indicated in Section 2. The full text
of all abbreviations indicated by codes in this safety data sheet are as follows:

H290 May be corrosive to metals.
H314 Causes severe skin burns and eye damage.
H315 Causes skin irritation.
H318 Causes serious eye damage.
H400 Very toxic to aquatic life.
H412 Harmful to aquatic life with long lasting effects.

Further information:

This information is based on our current level of knowledge and relates to the product in the state in which it is delivered. It is intended to describe our products from the point of view of safety requirements and is not intended to guarantee any particular properties.