

## SAFETY DATA SHEET

PAVING DEEP CLEAN  
EXTERIOR USE

According to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2020/878 Issue date: 14/05/2018 Revision date: 27/04/2021 Supersedes version of: 04/12/2020 Version: 7.0

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

## 1.1 Product identifier

Product form: Mixture  
Product name: Sarsen Home Clean and Sheen

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

## 1.2.1 Relevant identified uses

Intended for general public  
Main use category: Consumer use, Professional use, Industrial use  
Use of the substance/mixture: Cleaning/washing agents and additives

## 1.2.2 Uses advised against

Restrictions on use: No additional information available

## 1.3 Details of the supplier of the safety data sheet

Sarsen Stone Group, Stonebridge House, Nursteed Road, Devizes, Wiltshire, SN10 3DY  
Email: info@sarsenstonegroup.com

## 1.4 Emergency telephone number

Emergency number: +44 (0) 1380 720007 (Office hours only 9am - 5pm Mon- Fri.)

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	

## SECTION 2: Hazards identification

## 2.1 Classification of the substance or mixture

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

Skin corrosion/irritation, Category 1, Sub-Category 1B H314  
Serious eye damage/eye irritation, Category 1 H318  
Hazardous to the aquatic environment — Acute Hazard, Category 1 H400  
Hazardous to the aquatic environment — Chronic Hazard, Category 2 H411  
Full text of H- and EUH-statements: see section 16

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## Adverse physicochemical, human health and environmental effects

Causes severe skin burns and eye damage. Causes serious eye damage. Very toxic to aquatic life with long lasting effects.

### 2.2 Label elements

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

Hazard pictograms (CLP):



Signal word (CLP):

Contains:

Hazard statements (CLP):

Precautionary statements (CLP):

EUH-statements:

Child-resistant fastening:

Tactile warning:

GHS05

GHS09

Danger

Sodium hypochlorite

H314 - Causes severe skin burns and eye damage.

H410 - Very toxic to aquatic life with long lasting effects.

P102 - Keep out of reach of children. P260 - Do not breathe vapours, spray.

P280 - Wear protective gloves, protective clothing, eye protection, face protection.

P301+P330+P331+P310 - IF SWALLOWED: rinse mouth. Do NOT induce vomiting. Immediately call a POISON CENTER, a doctor.

P303+P361+P353+P310 - IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. Immediately call a POISON CENTER, a doctor.

P305+P351+P338+P310 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER, a doctor.

P321 - Specific treatment (see supplemental first aid instruction on this label).

P391 - Collect spillage.

P405 - Store locked up.

EUH031 - Contact with acids liberates toxic gas.

Applicable

Applicable

### 2.3 Other hazards

No additional information available.

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## 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]
Sodium hypochlorite	(CAS-No.) 7681-52-9 (EC-No.) 231-668-3 (EC Index-No.) 017-011-00-1	≥ 5 – < 10	Skin Corr. 1B, H314 Eye Dam. 1, H318 Aquatic Acute 1, H400 (M=10) Aquatic Chronic 1, H410
C14 amine oxide	(CAS-No.) 3332-27-2 (EC-No.) 222-059-3	< 1	Acute Tox. 4 (Oral), H302 Skin Irrit. 2, H315 Eye Dam. 1, H318 Aquatic Acute 1, H400 Aquatic Chronic 2, H411

## Specific concentration limits:

Name	Product identifier	Specific concentration limits
Sodium hypochlorite	(CAS-No.) 7681-52-9 (EC-No.) 231-668-3 (EC Index-No.) 017-011-00-1	(5 ≤ C ≤ 100) EUH031

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:	Call a poison centre or a doctor 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:	Rinse skin with water/shower. Take off immediately all contaminated clothing. Call a physician immediately.
First-aid measures after eye contact:	Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Call a physician immediately.
First-aid measures after ingestion:	Rinse mouth. Do not induce vomiting. Call a physician immediately.

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

Symptoms/effects after skin contact:	Burns.
Symptoms/effects after eye contact:	Serious damage to eyes.
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 Extinguishing media

Suitable extinguishing media: Water spray. Dry powder. Foam. Carbon dioxide.

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### 5.2 Special hazards arising from the substance or mixture

Hazardous decomposition products in case of fire: Toxic fumes may be released.

### 5.3. Advice for firefighters

Protection during firefighting: Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.

## SECTION 6: Accidental release measures

### 6.1 Personal precautions, protective equipment and emergency procedures

#### 6.1.1 For non-emergency personnel

Emergency procedures: Ventilate spillage area. Avoid contact with skin and eyes. Do not breathe vapours, spray.

#### 6.1.2 For emergency responders

Protective equipment: Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection".

### 6.2 Environmental precautions

Avoid release to the environment.

### 6.3 Methods and material for containment and cleaning up

For containment: Collect spillage.  
Methods for cleaning up: Take up liquid spill into absorbent material.  
Other information: Dispose of materials or solid residues at an authorised site.

### 6.4 Reference to other sections

For further information refer to section 13.

## SECTION 7: Handling and storage

### 7.1 Precautions for safe handling

Precautions for safe handling: Ensure good ventilation of the work station. Avoid contact with skin and eyes. Do not breathe vapours, spray. Wear personal protective equipment.  
Hygiene measures: Wash contaminated clothing before reuse. Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

### 7.2 Conditions for safe storage, including any incompatibilities

Storage conditions: Store locked up. Store in a well-ventilated place. Keep cool.

### 7.3 Specific end use(s)

No additional information available.

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### SECTION 8: Exposure controls/personal protection

#### 8.1 Control parameters

No additional information available

#### 8.2. Exposure controls

Appropriate engineering controls:	Ensure good ventilation of the work station.
Personal protective equipment:	Corrosionproof clothing. Gloves. Protective goggles. 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.
Hand protection:	Protective gloves. Wear chemically resistant gloves tested to EN374
Eye protection:	Chemical goggles or safety glasses
Skin and body protection:	Wear suitable protective clothing. Corrosive chemical-resistant protective suit
Respiratory protection:	Where exposure through inhalation may occur from use, respiratory protection equipment is recommended.

Device	Filter type	Condition	Standard
Full face mask, Reusable half mask	Type B - Inorganic gases (hydrogen sulfide, chlorine, hydrogen cyanide), Type P3	Vapour protection, Protection for Liquid particles	EN 143

Personal protective equipment symbol(s):



Environmental exposure controls: Avoid release to the environment.

### SECTION 9: Physical and chemical properties

#### 9.1 Information on basic physical and chemical properties

Physical state:	Liquid
Colour:	Light yellow.
Odour:	Characteristic.
Odour threshold:	No data available
pH:	No data available
Relative evaporation rate (butylacetate=1):	No data available
Melting point:	Not applicable
Freezing point:	No data available
Boiling point:	No data available
Flash point:	No data available
Auto-ignition temperature:	No data available
Decomposition temperature:	No data available
Flammability (solid, gas):	Not applicable
Vapour pressure:	No data available
Relative vapour density at 20°C:	No data available
Relative density:	No data available
Solubility:	No data available
Partition coefficient n-octanol/water (Log Pow):	No data available

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Viscosity, kinematic:	No data available
Viscosity, dynamic:	No data available
Explosive properties:	No data available
Oxidising properties:	No data available
Explosive limits:	No data available

## 9.2 Other information

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

Contact with acids liberates toxic gas.

## 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 toxicological effects

Acute toxicity (oral):	Not classified
Acute toxicity (dermal):	Not classified
Acute toxicity (inhalation):	Not classified

**C14 amine oxide (3332-27-2)**

LD50 dermal rat	> 2000 mg/kg bodyweight Animal: rat, Guideline: EU Method B.3 (Acute Toxicity (Dermal)), Guideline: OECD Guideline 402 (Acute Dermal Toxicity)
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**Sodium hypochlorite (7681-52-9)**

LD50 oral rat	1100 mg/kg bodyweight Animal: rat, Animal sex: male, Guideline: OECD Guideline 401 (Acute Oral Toxicity)
LD50 dermal rabbit	> 20000 mg/kg bodyweight Animal: rabbit, Guideline: OECD Guideline 402 (Acute Dermal Toxicity), Guideline: other:16 CFR 1500.40
LC50 Inhalation - Rat (Vapours)	> 10.5 mg/l

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Skin corrosion/irritation:	Causes severe skin burns.
Serious eye damage/irritation:	Causes serious eye damage.
Respiratory or skin sensitisation:	Not classified
Germ cell mutagenicity:	Not classified
Carcinogenicity:	Not classified

**Sodium hypochlorite (7681-52-9)**

IARC group	3 - Not classifiable
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Reproductive toxicity:	Not classified
STOT-single exposure:	Not classified
STOT-repeated exposure:	Not classified

**C14 amine oxide (3332-27-2)**

NOAEL (oral, rat, 90 days)	40 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 422 (Combined Repeated Dose Toxicity Study with the Reproduction / Developmental Toxicity Screening Test)
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Aspiration hazard:	Not classified
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**SECTION 12: Ecological information****12.1 Toxicity**

Ecology - general:	Very toxic to aquatic life with long lasting effects.
Hazardous to the aquatic environment, short-term (acute):	Very toxic to aquatic life.
Hazardous to the aquatic environment, long-term (chronic):	Toxic to aquatic life with long lasting effects.
Not rapidly degradable	

**C14 amine oxide (3332-27-2)**

LC50 - Fish [1]	10.3 mg/l Test organisms (species): Danio rerio (previous name: Brachydanio rerio)
LC50 - Fish [2]	2.4 mg/l Test organisms (species): Danio rerio (previous name: Brachydanio rerio)
NOEC (chronic)	0.7 mg/l Test organisms (species): Daphnia magna Duration: '21 d'
NOEC chronic fish	0.42 mg/l Test organisms (species): Pimephales promelas Duration: '302 d'

**Sodium hypochlorite (7681-52-9)**

LC50 - Fish [1]	0.033 - 0.097 mg/l Source: International Uniform Chemical Information Database
EC50 - Crustacea [1]	141 µg/l Test organisms (species): Daphnia magna
EC50 - Crustacea [2]	35 µg/l Test organisms (species): Ceriodaphnia dubia
EC50 72h - Algae [1]	0.0365 mg/l Test organisms (species): Pseudokirchneriella subcapitata (previous names: Raphidocelis subcapitata, Selenastrum capricornutum)
EC50 72h - Algae [2]	0.0183 mg/l Test organisms (species): Pseudokirchneriella subcapitata (previous names: Raphidocelis subcapitata, Selenastrum capricornutum)

**12.2 Persistence and degradability**

No additional information available.

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### 12.3 Bioaccumulative potential

No additional information available.

### 12.4 Mobility in soil

No additional information available.

### 12.5 Results of PBT and vPvB assessment

No additional information available.

### 12.6 Other adverse effects

No additional information available.

## SECTION 13: Disposal considerations

### 13.1 Waste treatment methods

Waste treatment methods:

Dispose of contents/container in accordance with licensed collector's sorting instructions.

## SECTION 14: Transport information

In accordance with ADR / IMDG / IATA / ADN / RID

ADR	IMDG	IATA	ADN	RID
<b>14.1. UN number</b>				
UN 1760	UN 1760	UN 1760	UN 1760	UN 1760
<b>14.2. UN proper shipping name</b>				
CORROSIVE LIQUID, N.O.S. (sodium hypochlorite ; C14 amine oxide)	CORROSIVE LIQUID, N.O.S. (sodium hypochlorite)	Corrosive liquid, N.O.S. (sodium hypochlorite)	CORROSIVE LIQUID, N.O.S. (sodium hypochlorite)	CORROSIVE LIQUID, N.O.S. (sodium hypochlorite)
Transport document description				
UN 1760 CORROSIVE LIQUID, N.O.S. (sodium hypochlorite ; C14 amine oxide), 8, III, (E), ENVIRONMENTALLY HAZARDOUS	UN 1760 CORROSIVE LIQUID, N.O.S. (sodium hypochlorite), 8, III, MARINE POLLUTANT/ ENVIRONMENTALLY HAZARDOUS	UN 1760 Corrosive liquid, N.O.S. (sodium hypochlorite), 8, III, ENVIRONMENTALLY HAZARDOUS	UN 1760 CORROSIVE LIQUID, N.O.S. (sodium hypochlorite), 8, III, ENVIRONMENTALLY HAZARDOUS	UN 1760 CORROSIVE LIQUID, N.O.S. (sodium hypochlorite), 8, III, ENVIRONMENTALLY HAZARDOUS
<b>14.3. Transport hazard class(es)</b>				
8	8	8	8	8
<b>14.4. Packing group</b>				
III	III	III	III	III
<b>14.5. Environmental hazards</b>				
Dangerous for the environment: Yes	Dangerous for the environment: Yes Marine pollutant: Yes	Dangerous for the environment: Yes	Dangerous for the environment: Yes	Dangerous for the environment: Yes
No supplementary information available				

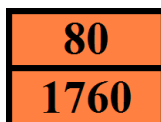


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### 14.6 Special precautions for user

#### 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
Orange plates:	



Tunnel restriction code (ADR):	E
EAC code:	2X
APP code:	B

#### Transport by sea

Special provisions (IMDG):	223, 274
Limited quantities (IMDG):	5L
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
Stowage and handling (IMDG):	SW2
Properties and observations (IMDG):	Causes burns to skin, eyes and mucous membranes.

#### 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, A803
ERG code (IATA):	8L

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**Inland waterway transport**

Classification code (ADN):	C9
Special provisions (ADN):	274
Limited quantities (ADN):	5L
Excepted quantities (ADN):	E1
Equipment required (ADN):	PP, EP
Number of blue cones/lights (ADN):	0

**Rail transport**

Classification code (RID):	C9
Special provisions (RID):	274
Limited quantities (RID):	5L
Excepted quantities (RID):	E1
Packing instructions (RID):	P001, IBC03, LP01, R001
Mixed packing provisions (RID):	MP19
Portable tank and bulk container instructions (RID):	T7
Portable tank and bulk container special provisions (RID):	TP1, TP28
Tank codes for RID tanks (RID):	L4BN
Transport category (RID):	3
Special provisions for carriage – Packages (RID):	W12
Colis express (express parcels) (RID):	CE8
Hazard identification number (RID):	80

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

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**

The following restrictions are applicable according to Annex XVII of the REACH Regulation (EC) No 1907/2006:		
Reference code	Applicable on	Entry title or description
3(b)	Black Spot & Algae Remover ; sodium hypochlorite	Substances or mixtures fulfilling the criteria for any of the following hazard classes or categories set out in Annex I to Regulation (EC) No 1272/2008: Hazard classes 3.1 to 3.6, 3.7 adverse effects on sexual function and fertility or on development, 3.8 effects other than narcotic effects, 3.9 and 3.10
3(c)	Black Spot & Algae Remover ; sodium hypochlorite	Substances or mixtures fulfilling the criteria for any of the following hazard classes or categories set out in Annex I to Regulation (EC) No 1272/2008: Hazard class 4.1

Contains no substance on the REACH candidate list Contains no REACH Annex XIV substances

Contains no substance subject to Regulation (EU) No 649/2012 of the European Parliament and of the Council of 4 July 2012 concerning the export and import of hazardous chemicals.

Contains no substance subject to Regulation (EU) No 2019/1021 of the European Parliament and of the Council of 20 June 2019 on persistent organic pollutants.

**15.1.2 National regulations**

No additional information available.

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### 15.2 Chemical safety assessment

No chemical safety assessment has been carried out

### SECTION 16: Other information

Indication of changes:			
New format.			
Section	Changed item	Change	Comments
	Revision date	Modified	
	Supersedes version of	Modified	
1.2	Restrictions on use	Added	
2.1	Classification according to Regulation (EC) No. 1272/2008 [CLP]	Modified	
2.2	Precautionary statements (CLP)	Modified	

#### Abbreviations and acronyms:

ADN	European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways
ADR	European Agreement concerning the International Carriage of Dangerous Goods by Road
ATE	Acute Toxicity Estimate
BLV	Biological limit value
CAS-No.	Chemical Abstract Service number
CLP	Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008
DMEL	Derived Minimal Effect level
DNEL	Derived-No Effect Level
EC50	Median effective concentration
EC-No.	European Community number
EN	European Standard
IATA	International Air Transport Association
IMDG	International Maritime Dangerous Goods
LC50	Median lethal concentration
LD50	Median lethal dose
LOAEL	Lowest Observed Adverse Effect Level
NOAEC	No-Observed Adverse Effect Concentration
NOAEL	No-Observed Adverse Effect Level
NOEC	No-Observed Effect Concentration
OEL	Occupational Exposure Limit
PBT	Persistent Bioaccumulative Toxic
PNEC	Predicted No-Effect Concentration
REACH	Registration, Evaluation, Authorisation and Restriction of Chemicals Regulation (EC) No 1907/2006
RID	Regulations concerning the International Carriage of Dangerous Goods by Rail
SDS	Safety Data Sheet
vPvB	Very Persistent and Very Bioaccumulative
WGK	Water Hazard Class

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Full text of H- and EUH-statements:	
Acute Tox. 4 (Oral)	Acute toxicity (oral), Category 4
Aquatic Acute 1	Hazardous to the aquatic environment – Acute Hazard, Category 1
Aquatic Chronic 1	Hazardous to the aquatic environment – Chronic Hazard, Category 1
Aquatic Chronic 2	Hazardous to the aquatic environment – Chronic Hazard, Category 2
EUH031	
Eye Dam. 1	Serious eye damage/eye irritation, Category 1
Skin Corr. 1B	Skin corrosion/irritation, Category 1, Sub-Category 1B
Skin Irrit. 2	Skin corrosion/irritation, Category 2
H302	Harmful if swallowed.
H314	Causes severe skin burns and eye damage.
H315	Causes skin irritation.
H318	Causes serious eye damage.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.
H411	Toxic to aquatic life with long lasting effects.

The classification complies with:

ATP 12

SDS EU (REACH Annex II)

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.