

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830 Issue date: 01/07/2020 Revision date: 19/08/2021 Version: 1.1

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

1.1. Product identifier

Product form Product name UFI Product code	:	Mixture Cleanline Mould & Mildew Remover 2DCJ-V02S-800J-KCDC CL3037
1.2. Relevant identified uses of the substar		
1.2.1. Relevant identified uses Industrial/Professional use spec Use of the substance/mixture		For professional use only Cleaning Product

1.2.2. Uses advised against

Restrictions on use

: Anything other than intended use as listed on the label.

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1.3. Details of the supplier of the safety data sheet

Supplier	Supplier
Prime Source	Prime Source
PO Box 15247	Unit D9
Birmingham	Horizon Logistics Park
B23 3HN	Co. Dublin
UK	K67 N4T2
Tel: 08085 749312	Ireland
E-mail: info@prime-source.co.uk	Tel: +353 (0)1 630 1800
	Email: info@prime-source.co.uk

1.4. Emergency telephone number

Emergency number

: +44 (0) 1865 407 333 24 hour - Medical Emergency Only

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)	

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	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 1	H410
Full text of H-statements: see section 16	

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.

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2.2. Label elements

Labelling according to Regulation (EC) No. 1272/2008 [CLP]		
Hazard pictograms (CLP)		
	GHS05 GHS09	
Signal word (CLP)	: Danger	
Contains	: sodium hydroxide; caustic soda; sodium hypochlorite, solution % Cl active	
Hazard statements (CLP)	: H314 - Causes severe skin burns and eye damage.	
	H410 - Very toxic to aquatic life with long lasting effects.	
Precautionary statements (CLP)	 P280 - Wear eye protection, face protection, protective clothing, protective gloves. P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P303+P361+P353 - IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water . P301+P330+P331 - IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. P310 - Immediately call a doctor, a POISON CENTER. P391 - Collect spillage. 	
EUH-statements	: EUH031 - Contact with acids liberates toxic gas.	
2.3. Other hazards		

No additional information available

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, solution % Cl active	(CAS-No.) 7681-52-9 (EC-No.) 231-668-3 (EC Index-No.) 017-011-00-1 (REACH-no) 01-2119488154-34	≥ 1 – < 10	Skin Corr. 1B, H314 Eye Dam. 1, H318 Aquatic Acute 1, H400 (M=10) Aquatic Chronic 1, H410 (M=10)
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	≥ 1 – < 10	Skin Corr. 1A, H314
Amines, C12-14 (even numbered) -alkyldimethyl, N- oxides [Amines, C12-16-alkyldimethyl, N-oxides	(CAS-No.) 308062-28-4 (REACH-no) 01-2119490061-47	< 1	Acute Tox. 4 (Oral), H302 Skin Irrit. 2, H315 Eye Dam. 1, H318 Aquatic Acute 1, H400 Aquatic Chronic 2, H411
N,N-dimethyl-C12-16-(even numbered)-alkyl-1- amines	(CAS-No.) 68439-70-3 (EC-No.) 270-414-6 (REACH-no) 01-2119970968-14	< 1	Acute Tox. 4 (Oral), H302 Skin Corr. 1B, H314 Eye Dam. 1, H318 Aquatic Acute 1, H400 (M=100) Aquatic Chronic 1, H410

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Specific concentration limits:		
Name	Product identifier	Specific concentration limits
sodium hypochlorite, solution % Cl active	(CAS-No.) 7681-52-9 (EC-No.) 231-668-3 (EC Index-No.) 017-011-00-1 (REACH-no) 01-2119488154-34	(5 ≤C ≤ 100) EUH031
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-statements: see section 16

SECTION 4: First aid measures		
4.1. Description of first aid measures		
First-aid measures general First-aid measures after inhalation First-aid measures after skin contact	 Call a physician immediately. Remove person to fresh air and keep comfortable for breathing. Rinse skin with water/shower. Take off immediately all contaminated clothing. Call a physician immediately. 	
First-aid measures after eye contact First-aid measures after ingestion	 Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Call a physician immediately. 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 Symptoms/effects after eye contact Symptoms/effects after ingestion	: Burns. : Serious damage to eyes. : 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.	
5.2. Special hazards arising from the sub	stance 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	6.1.1. For non-emergency personnel		
Emergency procedures	: Ventilate spillage area. Avoid contact with skin and eyes. Do not breathe dust/fume/gas/mist/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".		

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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 Methods for cleaning up Other information	 Collect spillage. Take up liquid spill into absorbent material. Dispose of materials or solid residues at an authorized 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 dust/fume/gas/mist/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, inc	cluding any incompatibilities	
Storage conditions	: Store locked up. Store in a well-ventilated place. Keep cool.	
Incompatible products Special rules on packaging	Oxidizing agent. Strong acids. Strong bases.Keep only in original container. Store in a closed container.	
7.3. Specific end use(s)		

No additional information available

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

sodium hydroxide; caustic soda (1310-73-2)		
Ireland - Occupational Exposure Limits		
Local name	Sodium hydroxide	
OEL (15 min ref) (mg/m3)	2 mg/m ³	
Regulatory reference	Chemical Agents Code of Practice 2020	
United Kingdom - Occupational Exposure Limits		
Local name	Sodium hydroxide	
WEL STEL (mg/m³)	2 mg/m ³	
Regulatory reference	EH40/2005 (Fourth edition, 2020). HSE	

8.2. Exposure controls

Appropriate engineering controls:

Ensure good ventilation of the work station.

Hand protection:

Chemical resistant gloves (according to European standard EN 374 or equivalent)

Eye protection:

Safety glasses. Use eye protection according to EN 166.

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Skin and body protection:	
Wear suitable protective clothing	
Respiratory protection:	
Not required under normal conditions of use.	

Personal protective equipment symbol(s):



Environmental exposure controls:

Avoid release to the environment.

Other information:

A risk assessment should be carried out prior to use to determine the exposure risk to the chemical. Specific work environments and material handling practices may vary; therefore, safety procedures should be developed and PPE selected for each intended application. Consultation with PPE supplier/manufacturer will help determine suitability as protection time cannot be accurately estimated for mixtures (such as glove breakthrough time). PPE should be worn to prevent any contact with the chemical. Any contaminated clothing should be washed prior to re-use.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	: Liquid
Colour	: light yellow.
Odour	: chlorine-like.
Odour threshold	: No data available
pН	: > 11.5
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
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.

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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 informatio	n
11.1. Information on toxicological effects	
Acute toxicity (oral) Acute toxicity (dermal) Acute toxicity (inhalation)	 Not classified Not classified Not classified
sodium hypochlorite, solution % Cl acti	ve (7681-52-9)
LD50 dermal rabbit	> 20000 mg/kg bodyweight Animal: rabbit, Guideline: OECD Guideline 402 (Acute Dermal Toxicity), Guideline: other:16 CFR 1500.40
Skin corrosion/irritation	: Causes severe skin burns. pH: > 11.5
Serious eye damage/irritation	: Causes serious eye damage. pH: > 11.5
Respiratory or skin sensitisation	: Not classified
Germ cell mutagenicity	: Not classified
Carcinogenicity	: Not classified
N,N-dimethyl-C12-16-(even numbered)-alk	yl-1-amines (68439-70-3)
NOAEL (chronic, oral, animal/male, 2 years)	42.3 mg/kg bodyweight Animal: rat, Animal sex: male, Guideline: OECD Guideline 453 (Combined Chronic Toxicity / Carcinogenicity Studies), Remarks on results: other:Effect type: toxicity (migrated information)
NOAEL (chronic, oral, animal/female, 2 years)	52.6 mg/kg bodyweight Animal: rat, Animal sex: female, Guideline: OECD Guideline 453

	(Combined Chronic Toxicity / Carcinogenicity Studies), Remarks on results: other:Effect type: toxicity (migrated information)
Reproductive toxicity :	Not classified
STOT-single exposure :	Not classified
STOT-repeated exposure :	Not classified

Aspiration hazard	: Not classified

SECTION 12: Ecological in	formation
12.1. Toxicity	
Ecology - general	: Very toxic to aquatic life with long lasting effects.

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Hazardous to the aquatic environment, short-term	: Very toxic to aquatic life.	
(acute)		
Hazardous to the aquatic environment, long-term	: Very toxic to aquatic life with long lasting effects.	
(chronic)		

sodium hydroxide; caustic soda (1310-73-2)	
EC50 Daphnia 1	40.4 mg/l Test organisms (species): Ceriodaphnia sp.

N,N-dimethyl-C12-16-(even numbered)-alkyl-1-amines (68439-70-3)	
LOEC (chronic)	0.108 mg/l Test organisms (species): Daphnia magna Duration: '21 d'

sodium hypochlorite, solution % Cl active (7681-52-9)	
EC50 Daphnia 1	141 μg/l Test organisms (species): Daphnia magna
EC50 Daphnia 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

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 Product/Packaging disposal recommendations	 Dispose of contents/container in accordance with licensed collector's sorting instructions. Wash packaging with a suitable cleaner (water) before recycling. Otherwise dispose of as contaminated packaging. Always dispose of packaging in accordance with local regulations
European List of Waste (LoW) code	 20 01 29* - detergents containing dangerous substances 15 01 10* - packaging containing residues of or contaminated by dangerous substances

SECTION 14: Transport information

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

ADR	IMDG	ΙΑΤΑ	ADN	RID
14.1. UN number				
UN 1791	UN 1791	UN 1791	UN 1791	UN 1791

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14.2. UN proper shippin	a name			
HYPOCHLORITE	HYPOCHLORITE	Hypochlorite solution	HYPOCHLORITE	HYPOCHLORITE
SOLUTION	SOLUTION	Typochonic Solution	SOLUTION	SOLUTION
Transport document descr	iption	·	·	
UN 1791 HYPOCHLORITE	UN 1791 HYPOCHLOR	TE UN 1791 Hypochlorite	UN 1791 HYPOCHLORITE	UN 1791 HYPOCHLORIT
SOLUTION, 8, II, (E),	SOLUTION, 8, II, MARI	NE solution, 8, II,	SOLUTION, 8, II,	SOLUTION, 8, II,
ENVIRONMENTALLY	POLLUTANT/ENVIRON	ME ENVIRONMENTALLY	ENVIRONMENTALLY	ENVIRONMENTALLY
HAZARDOUS	NTALLY HAZARDOU	S HAZARDOUS	HAZARDOUS	HAZARDOUS
14.3. Transport hazard o	lass(es)			
8	8	8	8	8
B C C C C C C C C C C C C C C C C C C C				
14.4. Packing group	Ι			1
II	II	II	II	II
14.5. Environmental haz	ards			
Dangerous for the	Dangerous for the	Dangerous for the	Dangerous for the	Dangerous for the
environment : Yes	environment : Yes Marine pollutant : Yes	environment : Yes	environment : Yes	environment : Yes
No supplementary informatio				
14.6. Special precaution	s for user			
Overland transport Classification code (ADR)		C9		
Special provisions (ADR)		521		
_imited quantities (ADR)	•	11		
Excepted quantities (ADR)		E2		
Packing instructions (ADR)	•	P001, IBC02		
3		PP10, B5		
Vixed packing provisions (AD		MP15		
Portable tank and bulk contain				
Portable tank and bulk contain				
(ADR)		,		
Tank code (ADR)	:	L4BV(+)		
Tank special provisions (ADR		TU42, TE11		
Vehicle for tank carriage	,	AT		
Transport category (ADR)	:	2		
		80		
Orange plates	:	80		
		1791		
Tunnel restriction code (ADR)) :	E		
EAC code	:	2X		
Transport by sea		D 004		
Packing instructions (IMDG) : P00				
		PP10		
BC packing instructions (IMD		IBC02		
BC special provisions (IMDG		B5		
Fank instructions (IMDG)		T7 TD2 TD24		
Fank special provisions (IMD)	.) :	TP2, TP24		
EmS-No. (Fire) EmS-No. (Spillago)	:	F-A S B		
EmS-No. (Spillage)	:	S-B		
Stowage category (IMDG)	:	В		

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Segregation (IMDG)	: SG20
Properties and observations (IMDG)	: Liquid with chlorine odour. In contact with acids, evolves very irritating and corrosive gases
	Mildly corrosive to most metals. Causes burns to skin, eyes and mucous membranes.
Air transport	
PCA Excepted quantities (IATA)	: E2
PCA Limited quantities (IATA)	: Y840
PCA limited quantity max net quantity (IATA)	: 0.5L
PCA packing instructions (IATA)	: 851
PCA max net quantity (IATA)	: 1L
CAO packing instructions (IATA)	: 855
CAO max net quantity (IATA)	: 30L
Special provisions (IATA)	: A3, A803
ERG code (IATA)	: 8L
Inland waterway transport	
Classification code (ADN)	: C9
Special provisions (ADN)	: 521
Limited quantities (ADN)	: 1L
Excepted quantities (ADN)	: E2
Equipment required (ADN)	: PP, EP
Number of blue cones/lights (ADN)	: 0
Rail transport	
Classification code (RID)	: C9
Special provisions (RID)	: 521
Limited quantities (RID)	: 1L
Excepted quantities (RID)	: E2
Packing instructions (RID)	: P001, IBC02
Special packing provisions (RID)	: PP10, B5
Mixed packing provisions (RID)	: MP15
Portable tank and bulk container instructions (RID)	: T7
Portable tank and bulk container special provisions	: TP2, TP24
(RID)	
Tank codes for RID tanks (RID)	: L4BV(+)
Special provisions for RID tanks (RID)	: TE11, TU42
Transport category (RID)	: 2
Colis express (express parcels) (RID)	: CE6
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

Contains no REACH substances with Annex XVII restrictions

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

15.2. Chemical safety assessment

No chemical safety assessment has been carried out

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SECTION 16: Other information

Abbreviations and acronym	s:
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
ΙΑΤΑ	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

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	
Eye Irrit. 2	Serious eye damage/eye irritation, Category 2	
Skin Corr. 1A	Skin corrosion/irritation, Category 1, Sub-Category 1A	
Skin Corr. 1B	Skin corrosion/irritation, Category 1, Sub-Category 1B	

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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.
H319	Causes serious eye irritation.
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.
EUH031	Contact with acids liberates toxic gas.

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.