

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830 Issue date: 31/05/2016 Revision date: 22/06/2020 Supersedes version of: 04/06/2018 Version: 18.0

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 Toilet Cleaner Renovator 9QVH-A01V-V00W-GYRA CL3009 	
1.2. Relevant identified uses of the substan	ce or mixture and uses advised against	
 1.2.1. Relevant identified uses Industrial/Professional use spec Use of the substance/mixture 1.2.2. Uses advised against Restrictions on use 	 For professional use only Cleaning Product Anything other than intended use as listed on the label. 	
1.3. Details of the supplier of the safety data sheet		
Prime Source PO Box 15247 Birmingham B23 3HN UK Tel: 08085 749312 E-mail: info@prime-source.co.uk		
1.4. Emergency telephone number		
Emergency number	: 01865 407 333	

: 01865 407 333 24 hour - Medical Emergency Only

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture		
Classification coording to Devulation (EC) No. 4072/0		
Classification according to Regulation (EC) No. 1272/20		
Skin corrosion/irritation, Category 1	H314	
Serious eye damage/eye irritation, Category 1	H318	
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.

2.2. Label elements

Labelling according to Regulation (EC) No. 1272/2008 [CLP]	
Hazard pictograms (CLP) :	•

Signal word (CLP) Hazard statements (CLP) DangerH314 - Causes severe skin burns and eye damage.

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Precautionary statements (CLP) :	 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 . P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P363 - Wash contaminated clothing before reuse.
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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]
Sulphamic Acid	(CAS-No.) 5329-14-6 (EC-No.) 226-218-8 (EC Index-No.) 016-026-00-0	≥ 1 – < 10	Skin Irrit. 2, H315 Eye Irrit. 2, H319 Aquatic Chronic 3, H412
Phosphoric acid substance with a Community workplace exposure limit	(CAS-No.) 7664-38-2 (EC-No.) 231-633-2 (EC Index-No.) 015-011-00-6 (REACH-no) 01-2119485924-24	< 1	Acute Tox. 4 (Oral), H302 Skin Corr. 1B, H314
Dipropylene glycol methyl ether substance with a Community workplace exposure limit	(CAS-No.) 34590-94-8 (EC-No.) 252-104-2 (REACH-no) 01-2119450011-60	< 1	Not classified

Specific concentration limits:		
Name	Product identifier	Specific concentration limits
Phosphoric acid	(CAS-No.) 7664-38-2 (EC-No.) 231-633-2 (EC Index-No.) 015-011-00-6 (REACH-no) 01-2119485924-24	(10 ≤C < 25) Skin Irrit. 2, H315 (10 ≤C < 25) Eye Irrit. 2, H319 (25 ≤C ≤ 100) Skin Corr. 1B, 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	: Call a physician immediately.	
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 Symptoms/effects after eye contact Symptoms/effects after ingestion	Burns.Serious damage to eyes.Burns.	

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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 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 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".	
6.2. Environmental precautions		
Avoid release to the environment.		
6.3. Methods and material for containment and cleaning up		
Methods for cleaning up Other information	: 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, including any incompatibilities			
Storage conditions	: Store locked up. Store in a well-ventilated place. Keep cool.		
Incompatible products	: Oxidizing agent. Strong bases. Strong acids.		
Special rules on packaging	: Keep only in original container. Store in a closed container.		
7.3. Specific end use(s)			

No additional information available

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SECTION 8: Exposure controls/personal protection		
8.1. Control parameters		
Dipropylene glycol methyl ether (34590-94-8)		
EU - Occupational Exposure Limits		
Local name	(2-Methoxymethylethoxy)-propanol	
IOELV TWA (mg/m³)	308 mg/m ³	
IOELV TWA (ppm)	50 ppm	
Notes	Skin	
Regulatory reference	COMMISSION DIRECTIVE 2000/39/EC	
Ireland - Occupational Exposure Limits		
Local name	(2-Methoxymethylethoxy)-1-propanol [Dipropylene glycol methyl ether]	
OEL (8 hours ref) (mg/m³)	308 mg/m ³	
OEL (8 hours ref) (ppm)	50 ppm	
Notes (IE)	Sk (Substances which have the capacity to penetrate intact skin when they come in contact with it, and be absorbed into the body), IOELV (Indicative Occupational Exposure Limit Values)	
Regulatory reference	Chemical Agents Code of Practice 2020	
United Kingdom - Occupational Exposure Limits		
Local name	(2-methoxymethylethoxy) propanol	
WEL TWA (mg/m³)	308 mg/m ³	
WEL TWA (ppm)	50 ppm	
Remark (WEL)	Sk (Can be absorbed through the skin. The assigned substances are those for which there are concerns that dermal absorption will lead to systemic toxicity)	
Regulatory reference	EH40/2005 (Fourth edition, 2020). HSE	

Phosphoric acid (7664-38-2)		
EU - Occupational Exposure Limits		
Local name	Orthophosphoric acid	
IOELV TWA (mg/m³)	1 mg/m³	
IOELV STEL (mg/m³)	2 mg/m³	
Regulatory reference	COMMISSION DIRECTIVE 2000/39/EC	
Ireland - Occupational Exposure Limits		
Local name	Orthophosphoric acid [Phosphoric acid]	
OEL (8 hours ref) (mg/m ³)	1 mg/m³	
OEL (15 min ref) (mg/m3)	2 mg/m³	
Notes (IE)	IOELV (Indicative Occupational Exposure Limit Values)	
Regulatory reference	Chemical Agents Code of Practice 2020	
United Kingdom - Occupational Exposure Limits		
Local name	Orthophosphoric acid	
WEL TWA (mg/m³)	1 mg/m³	
WEL STEL (mg/m³)	2 mg/m³	
Regulatory reference	EH40/2005 (Fourth edition, 2020). HSE	

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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.

Skin and body protection:

If direct or repeated skin contact is likely, 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:

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 Colour Odour Odour threshold	: Liquid : Blue. : Parma violets. : No data available
pH	: <2
Relative evaporation rate (butylacetate=1) Melting point Freezing point	: No data available : Not applicable : 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
Density	: 1.03 – 1.05
Solubility	: No data available
Partition coefficient n-octanol/water (Log Pow)	: No data available
Viscosity, kinematic	: No data available
Viscosity, dynamic	: > 800 cP
Explosive properties	: No data available
Oxidising properties	: No data available
Explosive limits	: No data available

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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

No dangerous reactions known under normal conditions of use.

10.4. Conditions to avoid

None under recommended storage and handling conditions (see section 7).

10.5. Incompatible materials

No additional information available

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 (dermal)	Not classified Not classified Not classified
Dipropylene glycol methyl ether (34590-94-8)	
LD50 oral rat	> 5000 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 401 (Acute Oral Toxicity)
LD50 dermal rat	> 19020 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 402 (Acute Dermal Toxicity)
LD50 dermal rabbit	9510 mg/kg bodyweight Animal: rabbit, Animal sex: male, Guideline: OECD Guideline 402 (Acute Dermal Toxicity)

Phosphoric acid (7664-38-2)	
LD50 oral rat	769.23 mg/kg

Sulphamic Acid (5329-14-6)	
LD50 dermal rabbit	> 2000 mg/kg (rabbit)
Skin corrosion/irritation	: Causes severe skin burns. pH: < 2
Serious eye damage/irritation	pπ. < 2 : Causes serious eye damage. pH: < 2
Respiratory or skin sensitisation	: Not classified
Germ cell mutagenicity	: Not classified
Carcinogenicity	: Not classified

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Reproductive toxicity	: Not classified
STOT-single exposure	: Not classified
STOT-repeated exposure	: Not classified

Dipropylene glycol methyl ether (34590-94-8)	
NOAEL (oral, rat, 90 days)	1000 mg/kg bodyweight Animal: rat, Guideline: other:KANPOGYO No.700, YAKUHATSU No. 1039.61, and KIKYKU No. 1014.
NOAEL (dermal, rat/rabbit, 90 days)	2850 mg/kg bodyweight Animal: rabbit, Animal sex: male, Guideline: OECD Guideline 411 (Subchronic Dermal Toxicity: 90-Day Study)

Phosphoric acid (7664-38-2)	
NOAEL (oral, rat, 90 days)	250 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 422 (Combined Repeated Dose Toxicity Study with the Reproduction / Developmental Toxicity Screening Test)

Aspiration hazard

: Not classified

SECTION 12: Ecological information	
12.1. Toxicity	
Ecology - general Hazardous to the aquatic environment, short-term (acute)	Before neutralisation, the product may represent a danger to aquatic organisms.Not classified
Hazardous to the aquatic environment, long-term (chronic)	: Not classified

Not rapidly degradable

Dipropylene glycol methyl ether (34590-94-8)	
LC50 fish 1	> 1000 mg/l Test organisms (species): Poecilia reticulata
EC50 other aquatic organisms 1	1930 mg/l Test organisms (species): other aquatic crustacea:Acartia tonsa
EC50 72h algae (1)	> 969 mg/l Test organisms (species): Pseudokirchneriella subcapitata (previous names: Raphidocelis subcapitata, Selenastrum capricornutum)
EC50 96h algae (1)	> 969 mg/l Test organisms (species): Pseudokirchneriella subcapitata (previous names: Raphidocelis subcapitata, Selenastrum capricornutum)
LOEC (chronic)	0.5 mg/l Test organisms (species): Daphnia magna Duration: '22 d'
NOEC (chronic)	≥ 0.5 mg/l Test organisms (species): Daphnia magna Duration: '22 d'

Phosphoric acid (7664-38-2)	
EC50 Daphnia 1	> 100 mg/l Test organisms (species): Daphnia magna
EC50 72h algae (1)	> 100 mg/l Test organisms (species): Desmodesmus subspicatus (previous name: Scenedesmus subspicatus)

Sulphamic Acid (5329-14-6)	
EC50 Daphnia 1	71.6 mg/l (daphnia)
12.2. Persistence and degradability	
No additional information available	
12.3. Bioaccumulative potential	
No additional information available	

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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

ADR	IMDG	ΙΑΤΑ	ADN	RID
I4.1. UN number				1
UN 2967	UN 2967	UN 2967	UN 2967	UN 2967
I4.2. UN proper shippin	g name			
SULPHAMIC ACID	SULPHAMIC ACID	Sulphamic acid	SULPHAMIC ACID	SULPHAMIC ACID
Fransport document descr	iption			
UN 2967 SULPHAMIC ACID, 8, III, (E)	UN 2967 SULPHAMIC ACID, 8, III	UN 2967 Sulphamic acid, 8, III	UN 2967 SULPHAMIC ACID, 8, III	UN 2967 SULPHAMIC ACID, 8, III
4.3. Transport hazard o	lass(es)			I
8	8	8	8	8
B	B B	B	B	B
4.4. Packing group				I
111	III		III	111
4.5. Environmental haz	ards			
Dangerous for the environment : No	Dangerous for the environment : No Marine pollutant : No	Dangerous for the environment : No	Dangerous for the environment : No	Dangerous for the environment : No

14.6. Special precautions for user

Overland transport

Classification code (ADR)	:	C2	
Limited quantities (ADR)	: 5kg		
Excepted quantities (ADR)	:	E1	
Packing instructions (ADR)	:	P002, IBC08, LP02, R001	
Special packing provisions (ADR)	:	B3	
Mixed packing provisions (ADR)	:	MP10	
Portable tank and bulk container instructions (ADR)	:	T1	

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Partable lank and bulk container special provisions 1 PAB Instruction (ADR) SGAV Vehicle for tank carriage I SGAV Vehicle for tank carriage I SGAV Transport estegy (ADR) I SGAV Special provisions for carriage IV (1, VC2, AP7 Hazard Gendification number (Komion No.) I BO Compe places I SOU Tunnal restriction code (ADR) I E ScC code I POO2, IPO2 BIGS special provisions (MDG) I BO BIGS special provisions (MDG) I BO BIGS special provisions (MDG) I BO BIGS special provisions (MDG) I FNA BIGS special provisions (MDG) I	5 5 (-) (-)	
Tank cole (ADR): SGAVVehicle for tank carrage: ATTansport category (ADR): 3Special provisions for carrage - Buk (ADR): VC1, VC2, AP7Hazard identification number (Kender No.): 80Orange plates: 80Zaccode: 2ZTansport by sea: 2ZTeaching instructions (IMDG): BC08IBC special provisions (IMDG): BC08IBC special provisions (IMDG): BC38IBC special provisions (IMDG): TATank special provisions (IMDG): CAStowage category (IMDG): AStowage category (IMDG): AStowage category (IMDG): AStowage category (IMDG): SA: Category (IMDG): SA: Category (IMDG): SA: Category (IMDG): SA: Category (: TP33
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Orange plates : 80 2967 Tunnel restriction code (ADR) : E EAC code : 2X Transport yea : 1000000000000000000000000000000000000		
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14.7. Transport in bulk according to Annex II of Marpol and the IBC Code

Not applicable

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

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

SECTION 16: Other information

Abbreviations and acronyms:

Abbreviations and acrony	/115.
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
РВТ	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

Safety Data Sheet according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

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 Chronic 3	Hazardous to the aquatic environment — Chronic Hazard, Category 3	
Eye Irrit. 2	Serious eye damage/eye irritation, Category 2	
Skin Corr. 1B	Skin corrosion/irritation, 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.	
H319	Causes serious eye irritation.	
H412	Harmful to aquatic life with long lasting effects.	

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.