

SAFETY DATA SHEET
According to Regulation (EC) No 1907/2006

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Trade name:	Zidac Absolute Ice Mouthwash Total Care 6in1 500 ml				
Product code:	5060748720085	Date of compilation:	18.11.2019.	Version:	1/2019

SECTION 1: Identification of the substance/mixture and of the company/undertaking		
1.1.	Product identifier	
	Trade name:	EFG Mouthwash 6in1 500 ml
	Chemical name:	preparation
	Catalogue number:	-
1.2.	Relevant identified uses of the substance or mixture and uses advised against	
	Uses:	Mouthwash
	Uses advised against:	No additional information available
	Reason why uses advised against:	No additional information available
1.3.	Details of the supplier of the safety data sheet	
	Supplier:	Zidac Laboratories Ltd.
	Address:	Unit 5 Merlin Park, Airport Service Road, Portsmouth, PO3 5FU, UK
	Telephone number:	00385 98249604
	Telefax:	-
	e-mail of competent person:	anica.detic@zidac.co.uk
	National contact:	n/a
1.4.	Emergency telephone number	
	National Protection and Rescue Directorate:	0870 600 6266
	Medical information:	0870 600 6266
	Other information:	00385 98249604

SECTION 2. Hazards identification		
2.1.	Classification of the substance or mixture	
2.1.1.	Classification according to Regulation (EC) No 1272/2008 (CLP)	
	Hazard class and category code:	Hazard statement*:
	The product is not classified as hazardous	The product is not classified as hazardous
2.1.2.	Additional information	
	This is a personal care product that is safe for consumers when used according to directions on the label. Ingestion of large quantities may cause nausea, sickness and diarrhoea.	
* For full text of Hazard- and EU Hazard-statements: see SECTION 16		
2.2.	Label elements	
	Product identification:	Mouthwash
	Identification number:	No information available.
	Authorisation number:	No information available.
	Hazard pictograms:	-
	Signal word:	-
	Hazard statement:	-

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	Precautionary statement:	P102: Keep out of reach of children. Do not swallow.
	Supplemental hazard information (EU):	
2.3.	Other hazards	
	No data	

SECTION 3. Composition/information on ingredients				
CAS/ EC/ Index number	REACH Registration No	Weight % content (or range)	Identification name	Classification according to Regulation (EC) No 1272/2008 (CLP)
64-17-5/200-579-6	-	9,50 – 11,50	Alcohol	Eye irritation, Category 2 Flammable liquid, Category 3 H226, H319
N/A	-	0,32 – 0,38	Flavour	Skin irritation, category 2 Skin sensation, Sub-category 1B Eye irritation, Category 2 Chronic aquatic toxicity, category 3 H 315, H317, H319, H412
532-32-1/208-534-8	-	0,09 – 0,11	Sodium Benzoate	Eye irritation, Category 2 H319
7646-85-7/231-592-0	-	0,05 – 0,10	Zinc Chloride	Acute Tox. Category 4 Skin Corr. Category 1B STOT SE Category 3 Aquatic Acute Category 1 H302, H314, H335, H400
7681-49-4/231-667-8	-	0,045 – 0,055	Sodium fluoride	Acute toxicity, category 3 Skin irritation, category 2 Eye irritation, Category 2 H301, H315, H319
123-03-5/204-593-9	-	0,045 – 0,055	Cetylpyridinium chloride	Acute toxicity, category 3 Acute toxicity, category 2 Skin irritation, category 2 Eye irritation, Category 2 Specific target organ toxicity – single exposure, category 3 Acute aquatic toxicity, category 1 Chronic aquatic toxicity, category 1 H301, H315, H319, H330, H335, H400, H410
77-92-9/201-069-1	01- 2119457026- 42-0022	0,025 – 0,035	Citric acid	Eye irritation, Category 2 H319

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SECTION 4. First aid measures		
4.1.	Description of first aid measures	
	General notes:	Avoid contact with eyes.
	Following inhalation:	When symptoms occur: go into open air and ventilate suspected area. Respiratory problems: consult a doctor/medical service
	Following skin contact:	Get medical attention if irritation persists.
	Following eye contact:	Rinse immediately carefully and thoroughly with eye-bath or water. Remove contact lenses, if present and easy to do. Continue rinsing. In all cases of doubt, or when symptoms persist, seek medical advice.
	Following ingestion:	Do NOT induce vomiting. Drink plenty of water. If necessary seek medical attention.
	Self-protection of the first aider	Avoid contact with eyes.
4.2.	Most important symptoms and effects, both acute and delayed	
	Following inhalation:	Not applicable
	Following skin contact:	-
	Following eye contact:	May cause slight irritation.
	Following ingestion:	Gastrointestinal complaints.
4.3.	Indication of any immediate medical attention and special treatment needed	
	No information available.	

SECTION 5. Fire fighting measures		
5.1.	Extinguishing media	
	Suitable extinguishing media:	Water, Dry powder, Alcohol resistant Foam, Carbon dioxide (CO ₂)
	Unsuitable extinguishing media:	No information available.
5.2.	Special hazards arising from the substance or mixture	
	Hazardous combustion products:	No information available.
5.3.	Advice for firefighters	
	Self-contained breathing apparatus and full protective clothing should be worn when fighting chemical fires.	
5.4.	Additional information	
	Dispose of waste according to applicable legislation.	

SECTION 6. Accidental release measures		
6.1.	Personal precautions, protective equipment and emergency procedures	
6.1.1.	For non-emergency personnel	
	Protective equipment:	Gloves

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	Accident prevention methods:	Avoid contact with eyes.
	Emergency procedures:	Rinse with clean water.
6.1.2.	For emergency responders:	
	Protective equipment:	Wear suitable gloves and eye/face protection
6.2.	Environmental precautions:	
	Consumer products ending up down the drain after use. Prevent soil and water pollution. Prevent spreading in sewers.	
6.3.	Methods and material for containment and cleaning up	
6.3.1.	Binding, covering of drains; capping procedures:	Scoop absorbed substance into closing containers
6.3.2.	Cleaning up:	Small quantities of liquid spill: cover with non-combustible absorbent material and shovel into container for disposal. Large spills: contain released substance, pump into suitable containers. This material and its container must be disposed of in a safe way, and as per local legislation.
6.3.3.	Other information:	No additional information available.
6.4.	Reference to other sections	
	Refer to sections 8 and 13.	

SECTION 7. Handling and storage		
7.1.	Precautions for safe handling	
7.1.1.	Protective measures: Do not handle until all safety precautions have been read and understood	
	Measures to prevent fire:	The product is not flammable.
	Measures to prevent aerosol and dust generation:	Use the product in well-ventilated areas.
	Measures to protect the environment:	Store in original container.
	Other measures:	Prevent soil and water pollution.
7.1.2.	Advice on general occupational hygiene:	
	Do not eat, drink or smoke when using this product	
7.2.	Conditions for safe storage, including any incompatibilities	
	Technical measures and storage conditions:	Store at temperatures above +5°C and below 40°C
	Packaging materials:	Original container from the manufacturer.
	Requirements for storage rooms and vessels:	Store only in the original container.
	Advices for storage equipment:	Store in a well ventilated place.
	Further information on storage conditions:	Store in original container.
7.3.	Specific end use(s)	
	Recommendations:	Mouthwash
	Industrial sector specific solutions:	Personal care

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SECTION 8. Exposure controls/personal protection				
8.1.	Control parameters			
Substance	CAS No	Occupational exposure limit values/short term values		Biological limit values
		ppm	mg/m ³	
-	-	-	-	-
Substance:	-			
EC No:	-	CAS No:	-	-
DNEL				
Industrial				
Route of exposure:	Acute effect local	Acute effect systemic	Chronic effect local	Chronic effect systemic
Oral	No data	No data	No data	No data
Inhalation	No data	No data	No data	No data
Dermal	No data	No data	No data	No data
Critical physical parameters: solubility, flammability, corrosion:				
Consumer				
Route of exposure:	Acute effect local	Acute effect systemic	Chronic effect local	Chronic effect systemic
Oral	No data	No data	No data	No data
Inhalation	No data	No data	No data	No data
Dermal	No data	No data	No data	No data
PNEC				
Environmental protection target		PNEC		
Fresh water		No data		
Freshwater sediments		No data		
Marine water		No data		
Marine sediments		No data		
Food chain		No data		
Microorganisms in sewage treatment		No data		
Soil (agricultural)		No data		
Air		No data		
8.2.	Exposure controls			
8.2.1.	Appropriate engineering controls			

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	Substance/mixture related measures to prevent exposure during identified uses:	Comply with the instructions for use.
	Structural measures to prevent exposure:	For consumer use, no unusual precautions are necessary.
	Organisational measures to prevent exposure:	Use only in well-ventilated areas.
	Technical measures to prevent exposure:	Keep only in the original container at a temperature above +5°C and below 40°C.
8.2.2.	Personal protection equipment: not necessary for normal conditions of use	
8.2.2.1.	Eye and face protection:	Wear suitable protective eye/face protection.
8.2.2.2.	Skin protection:	Wear suitable protective clothing.
	Hand protection:	Not necessary
	Other skin protection:	Not necessary
8.2.2.3.	Respiratory protection:	Not necessary
8.2.2.4.	Thermal hazards:	Product is not flammable.
8.2.3.	Environmental exposure controls	
	Substance/mixture related measures to prevent exposure:	Keep only in an original container. Avoid releasing to the environment.
	Structural measures to prevent exposure:	Comply with the instructions for use.
	Organisational measures to prevent exposure:	Use only in well-ventilated areas.
	Technical measures to prevent exposure:	Comply with the instructions for use.

SECTION 9. Physical and chemical properties

9.1.	Information on basic physical and chemical properties		
		Value	Method
	Physical state:	clear liquid	
	Colour(water/oil phase)	purple	4 qc 001- pc-WO 007
	Odour:	pleasant	4 qc 001- pc-WO 007
	Odour threshold;	not determined	
	pH:	4.0 – 5.0	4 qc 001-pc-WO 001
	Melting point / freezing point;	not applicable	
	Initial boiling point and boiling range:	not determined	
	Flash point:	not determined	
	Evaporation rate:	not determined	
	Flammability (solid, gas):	not auto-flammable	

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	Upper/lower flammability or explosive limits:	Not applicable	
	Vapour pressure:	not determined	
	Vapour density:	not determined	
	Relative density	0,990-1,010 g/ml 20°C	4 qc 001-pc-WO 005
	Bulk density:	not determined	
	Dry matter:	not determined	
	Solubility(ies)- water	not determined	
	Partition coefficient: n-octanol/water (log Kow):	not determined	
	Auto-ignition temperature:	not auto-flammable	
	Decomposition temperature:	not determined	
	Viscosity:	not determined	
	Explosive properties:	not explosive	
	Oxidising properties:	mixture is not classified as oxidizing	
9.2.	Other information		

SECTION 10.: Stability and reactivity

10.1.	Reactivity:	Not expected.
10.2.	Chemical stability:	Stable with proper storage and handling.
10.3.	Possibility of hazardous reactions:	No dangerous reactions known.
10.4.	Conditions to avoid:	Direct sunlight.
10.5.	Incompatible materials:	No data available
10.6.	Hazardous decomposition products:	No data available

SECTION 11. Toxicological information

11.1.	Information on toxicological effects				
	Acute toxicity:				
Route of exposure:	Method	Species	Effective Dose LD ₅₀ /LC ₅₀ or ATE _{mixture}	Exposure time	Results
Oral:	No data	-	-	-	-
Dermal:	No data	-	-	-	-
Inhalation:	No data	-	-	-	-
	Specific target organ toxicity – single exposure (STOT SE):				
	Specific effects		Target organ	Note	

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Oral:	No data	-	-			
Dermal:	No data	-	-			
Inhalation:	No data	-	-			
	Aspiration hazard:	No data				
	Irritation and corrosion:					
	Exposure time	Species	Evaluation	Method	Note	
Skin corrosion/irritation	No data	-	-	-	-	
Serious eye damage/irritation	No data	-	-	-	-	
	Sensitization					
Skin sensitization:	No data					
Respiratory sensitization:	No data					
	Symptoms related to the physical, chemical and toxicological characteristics					
Oral exposure:	No data					
Dermal exposure:	No data					
Inhalation exposure:	No data					
Eye exposure:	No data					
	Repeated dose toxicity (subacute, subchronic, chronic)					
	Dose	Exposure time	Species	Method	Evaluation	Note
Subacute oral	No data	-	-	-	-	-
Subacute dermal	No data	-	-	-	-	-
Subacute inhalation	No data	-	-	-	-	-
Subchronic oral	No data	-	-	-	-	-
Subchronic dermal	No data	-	-	-	-	-
Subchronic inhalation	No data	-	-	-	-	-
Chronic oral	No data	-	-	-	-	-
Chronic dermal	No data	-	-	-	-	-
Chronic inhalation	No data	-	-	-	-	-
	Specific target organ toxicity – repeated exposure (STOT RE):					
	Specific effects		Target organ		Note	
Subacute oral	No data		-		-	
Subacute dermal	No data		-		-	

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Subacute inhalation	No data	-	-
Subchronic oral	No data	-	-
Subchronic dermal	No data	-	-
Subchronic inhalation	No data	-	-
Chronic oral	No data	-	-
Chronic dermal	No data	-	-
Chronic inhalation	No data	-	-

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CMR effects (carcinogenicity; mutagenicity; reproductive toxicity)

Carcinogenicity:	No data
Mutagenicity <i>in-vitro</i> :	No data
Genotoxicity:	No data
Mutagenicity <i>in-vivo</i> :	No data
Germ cell mutagenicity :	No data
Reproductive toxicity:	No data

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Summary of evaluation of the CMR properties;	No data
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11.2.	Practical experiences:
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Classification observations:	No data
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Other observations:	No data
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11.3.	General notes:
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No data

SECTION 12. Ecological information

12.1.	Toxicity
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Acute (short-term) toxicity	Dose	Exposure time	Species	Method	Evaluation	Note
Fish:	LC ₅₀	96 hours	No data	-	-	-
Crustacea:	EC ₅₀	48 hours	No data	-	-	-
Algae/aquatic plants:	IC ₅₀	72 hours	No data	-	-	-
Other organisms:			No data	-	-	-
Chronic (long-term) toxicity	Doza	Exposure time	Species	Method	Evaluation	Note
Fish:	LC ₅₀	96 hours	No data	-	-	-
Crustacea:	EC ₅₀	48 hours	No data	-	-	-

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Algae/aquatic plants:		IC ₅₀	72 hours	No data	-	-	-	
Other organisms:				No data	-	-	-	
12.2.	Persistence and degradability							
	Abiotic degradation							
		Degradation half-lives		Method	Evaluation		Note	
Marine water		No data		-	-		-	
Fresh water		No data		-	-		-	
Air		No data		-	-		-	
Soil		No data		-	-		-	
	Biodegradation							
% Degradation		Time (days)		Method	Evaluation		Note	
No data		-		-	-		-	
12.3.	Bioaccumulative potential							
	Octanol-water partition coefficient (log Kow)							
Value		Concentration	pH	°C	Method		Evaluation	Note
No data		-	-	-	-			
	Bioconcentration factor (BCF)							
Value		Species		Method		Evaluation	Note	
No data		-		-		-	-	
	Chronic ecotoxicity							
Vrijednost		Dose	Exposure time	Species	Method	Evaluation	Note	
Chronic toxicity on fish		LC ₅₀	No data	-	-	-	-	
Chronic toxicity on crustacea (Daphnia)		EC ₅₀	No data	-	-	-	-	
12.4. Mobility in soil								
	Known or predicted distribution in environmental compartments:							

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	Surface tension:				
	Value	°C	Concentration	Method	Note
	No data	-	-	-	-
	Adsorption/desorption				
Transport	A/D coefficient Henry's constant	log Kow	Evaporation rate	Method	Note
Soil-Water	No data	-	-	-	-
Water-Air	No data	-	-	-	-
Soil-Air	No data	-	-	-	-
12.5.	Results of PBT and vPvB assessment				
	No data				
12.6.	Other adverse effects				
	No data				

SECTION 13. Disposal considerations	
13.1.	Waste treatment methods
Disposal must be performed through an authorised waste management company, in compliance with national and local regulations.	
13.1.1.	Product/Packaging disposal:
	Contaminated packaging must be recovered or disposed of in compliance with national waste management regulations.
13.1.2.	Waste codes/waste designations according to Low:
	No data
13.1.3.	Waste treatment – relevant information:
	No data
13.1.4.	Sewage disposal – relevant information:
	Do not discharge into the sewer.
13.1.5.	Other disposal recommendations:
	No
13.1.6.	Relevant Community provisions:

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No data

SECTION 14. Transport information	
Transporting/shipment by road (ADR)	
UN number:	-
UN proper shipping name:	-
Transport hazard class(es):	-
Packing group:	-
Environmental hazards:	-
Special precautions for user:	-
Transporting/shipment by rail (RID)	
UN number:	-
UN proper shipping name:	-
Transport hazard class(es):	-
Packing group:	-
Environmental hazards:	-
Special precautions for user:	-
Transporting/shipment by inland waterways (ADN)	
UN number:	-
UN proper shipping name:	-
Transport hazard class(es):	-
Packing group:	-
Environmental hazards:	-
Special precautions for user:	-
Transporting/shipment by sea (IMDG)	
UN number:	-
UN proper shipping name:	-
Transport hazard class(es):	-
Packing group:	-
Environmental hazards:	-
Special precautions for user:	-
Transport in bulk according to Annex II of MARPOL73/78 and the IBC code:	-
Transporting/shipment by air (ICAO-TI/IATA-DGR)	
UN number:	-
UN proper shipping name:	-
Transport hazard class(es):	-

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Environmental hazards:	-
Special precautions for user:	-
Further information:	-

SECTION 15. Regulatory information	
15.1.	Safety, health and environmental regulations/legislation specific for the substance or mixture
	EU regulations
	Authorisations and/or restrictions on use
	Authorisations: No data
	Restrictions: No data
	Other EU regulations: CLP, REACH
	Information according 1999/13/EC about limitation of emissions of volatile organic compounds (VOC-guideline)
	National legislation: -
15.2.	Chemical safety assessment
	No

SECTION 16. Other information	
16.1.	Indication of changes: Harmonisation with the CLP Regulation
16.2.	Abbreviations and acronyms: -
16.3.	Key literature references and source of data: Raw materials MSDS
16.4.	Classification and procedure used to derive the classification for mixture according to Regulation (EC) 1272/2008 (CLP)
	Classification
	Classification procedure
16.5.	Relevant H statements (number and full text)
	H: 226 Flammable liquid and vapour
	H: 301 Toxic if swallowed.
	H: 302 Harmful if swallowed.
	H: 314 Causes severe skin burns and eye damage.
	H: 315 Causes skin irritation.
	H: 317 May cause an allergic skin reaction
	H: 319 Serious eye irritation
	H: 330 Fatal if inhaled.
	H: 335 Respiratory irritation.
	H: 400 Very toxic to aquatic life.
	H: 410 Very toxic to aquatic life with long lasting effects..

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	H: 412	Harmful to aquatic life with long lasting effects.
16.6.	Training advice:	-
16.7.	Further information:	-

ANNEX: Exposure scenario resulting to Chemical safety assessment
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