

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

Page 1 of 13

Trade name:	Zidac Sun milk SPF 50				
Product code:	FO 21-00084	Date of compilation:	24.02.2021.	Version:	1/2021

SECTION 1: Identification of the substance/mixture and of the company/undertaking	
1.1.	Product identifier
	Trade name: Zidac Sun milk SPF 50
	Chemical name: preparation
	Catalogue number: -
1.2.	Relevant identified uses of the substance or mixture and uses advised against
	Uses: Sunscreen body milk
	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: Sunscreen body milk
	Identification number: No information available.
	Authorisation number: No information available.
	Hazard pictograms: -

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

Page 2 of 13

Trade name:	Zidac Sun milk SPF 50				
Product code:	FO 21-00084	Date of compilation:	24.02.2021.	Version:	1/2021

Signal word:	-
Hazard statement:	-
Precautionary statement:	-
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 / 200-578-6 / 603-002-00-5	01- 2119457610- 43-0096	6.0 – 8.0	Alcohol denat.	H225: Flammable liquid
6197-30-4 / 228- 250-8	01- 2119457637- 27-0001	10.0	Octocrylene	H413: Chronic aquatic toxicity, Category 4
70356-09-1 / 274- 581-6	01-211 9967408-25- 0004	5.0	Butyl Methoxydibenzoylmethane	H413: Chronic aquatic toxicity, Category 4
122-99-6 / 204-589- 7 / 603-098-00-9	-	1.0	Phenoxyethanol	H302: Acute Tox. 4 H319: Eye Irrit. 2
1310-73-2 / 215- 185-5	01- 21194578900 44	0.10 – 0.15	Sodium Hydroxide	H290: Corrosive to metals,1 H314: Skin corr./irrit. 1A, B, C
-	-	0.20 – 0.30	Acrylates/C10-30 Alkyl Acrylate Crosspolymer	H412: Aquatic Chronic 3
64-02-87200-573-9	01- 2119486762- 27-0000	0.09 – 0.11	Tetrasodium EDTA	H318: Acute Tox. 4 (Inhalation - dust) H332: Acute Tox. 4 (oral) H302: Eye Dam./Irrit. H373: STOT RE (Respiratory system) 2

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.

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

Page 3 of 13

Trade name:	Zidac Sun milk SPF 50				
Product code:	FO 21-00084	Date of compilation:	24.02.2021.	Version:	1/2021

	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:	None.
	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, 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 fire-fighters	
	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
	Accident prevention methods:	Avoid contact with eyes.
	Emergency procedures:	Rinse with clean water.
6.1.2.	For emergency responders:	
	Protective equipment: Wear suitable gloves.	
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

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

Page 4 of 13

Trade name:	Zidac Sun milk SPF 50				
Product code:	FO 21-00084	Date of compilation:	24.02.2021.	Version:	1/2021

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:	Body care
	Industrial sector specific solutions:	Personal care

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: -				

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

Page 5 of 13

Trade name:	Zidac Sun milk SPF 50				
Product code:	FO 21-00084	Date of compilation:	24.02.2021.	Version:	1/2021

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

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.
--	---

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

Page 6 of 13

Trade name:	Zidac Sun milk SPF 50				
Product code:	FO 21-00084	Date of compilation:	24.02.2021.	Version:	1/2021

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:	Creamy viscous emulsion	
	Colour(water/oil phase)	white	4 qc 001- pc-WO 007
	Odour:	pleasant	4 qc 001- pc-WO 007
	Odour threshold;	not determined	
	pH:	6.7 – 7.2	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	
	Upper/lower flammability or explosive limits:	Not applicable	
	Vapour pressure:	not determined	
	Vapour density:	not determined	
	Relative density	1.010 -1.030 g/ml 20°C	4 qc 001-pc-WO 005
	Bulk density:	not determined	
	Dry matter:	41.0 – 44.0	4 qc 001-pc-WO 004
	Solubility(ies)- water	not determined	
	Partition coefficient: n-octanol/water (log Kow):	not determined	
	Auto-ignition temperature:	not auto-flammable	

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

Page 7 of 13

Trade name:	Zidac Sun milk SPF 50				
Product code:	FO 21-00084	Date of compilation:	24.02.2021.	Version:	1/2021

Decomposition temperature:	not determined		
Viscosity:	9.000 – 13.000 mPas	4 qc 001-pc-WO 003	
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	
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	-	-	-	-

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

Page 8 of 13

Trade name:	Zidac Sun milk SPF 50				
Product code:	FO 21-00084	Date of compilation:	24.02.2021.	Version:	1/2021

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	-			-	
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	-			-	
CMR effects (carcinogenicity; mutagenicity; reproductive toxicity)						
Carcinogenicity:		No data				
Mutagenicity <i>in-vitro</i> :		No data				

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

Trade name:	Zidac Sun milk SPF 50				
Product code:	FO 21-00084	Date of compilation:	24.02.2021.	Version:	1/2021

Genotoxicity:	No data
Mutagenicity <i>in-vivo</i> :	No data
Germ cell mutagenicity :	No data
Reproductive toxicity:	No data
Summary of evaluation of the CMR properties;	No data
11.2. Practical experiences:	
Classification observations:	No data
Other observations:	No data
11.3. General notes:	
No data	

SECTION 12. Ecological information

12.1. Toxicity						
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	-	-	-
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	-	-	-	-	-

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

Trade name:	Zidac Sun milk SPF 50				
Product code:	FO 21-00084	Date of compilation:	24.02.2021.	Version:	1/2021

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:						
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	-	-	-	-

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

Page 11 of 13

Trade name:	Zidac Sun milk SPF 50				
Product code:	FO 21-00084	Date of compilation:	24.02.2021.	Version:	1/2021

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:
	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)	

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

Page 12 of 13

Trade name:	Zidac Sun milk SPF 50			
Product code:	FO 21-00084	Date of compilation:	24.02.2021.	Version: 1/2021

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):	-
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

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

Page 13 of 13

Trade name:	Zidac Sun milk SPF 50				
Product code:	FO 21-00084	Date of compilation:	24.02.2021.	Version:	1/2021

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: 225	Highly flammable liquid and vapour
	H: 290	May be corrosive to metals
	H: 302	Harmful if swallowed.
	H: 314	Causes severe skin burns and eye damage.
	H: 318	Causes serious eye damage.
	H: 319	Causes serious eye irritation.
	H: 332	Harmful if inhaled.
	H: 373	May cause damage to organs through prolonged or repeated exposure <i>exposure cause the hazard</i> >.
	H: 412	Harmful to aquatic life with long lasting effects
	H: 413	May cause long lasting harmful effects to aquatic life
16.6.	Training advice:	-
16.7.	Further information:	-

ANNEX: Exposure scenario resulting to Chemical safety assessment
-