Material Safety Data Sheet

MSDS

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* **Compiled** in accordance with EU Regulation **2015/830**

1 Chemicals and company identification

Product Logo

Product English Name	Fragrance Free Wipes
CAS No.	not applicable
EC No.	not applicable
Molecular formula	not applicable
REACHE Registration Number	not applicable

Product recommendations and restricted use

Recommended use of the product	Please consult the manufacturer
Restricted Use of the Product	Please consult the manufacturer

Safety Data Sheet Provider Information

Company Name	Shenzhen Shierjie Bioengineering Co., Ltd.
Company address	Room 101 , 201 , 301 , 401 , Building 5 , Dongchuang Intelligent Technology Industrial Park, No. 2 Linghai Road, Kuixin Community , Kuichong Street, Dapeng New District , Shenzhen

2 Hazard description

Emergency Overview

Based on available information, there are no known hazards.

GHS Hazard Classification

GHS Hazard Classification	not applicable

GHS Label Elements

Hazard Statements	not applicable

Hazard Statements

Pictograms	not applicable
Signal Word	not applicable

Precautionary Statements

Precaution

Precaution	not applicable

Incident Response

Incident Response	not applicable

Safe storage

Safe storage	not applicable

Disposal

Disposal	not applicable

Hazard Description

Material and Chemical Hazards

	Solid, generally harmless

Health hazards

Inhalation	Based on the material form, this is not considered to be a normal route of exposure.
Ingestion	Accidental ingestion of this product may be harmful to individual health.
skin contact	No hazard under normal circumstances.
Eye	Direct eye contact may cause temporary irritation.

3 Component Information

Components	Cas No.	EC No.	Content range (mass fraction, %)
purified water	7732-18-5	231-791-2	70.0 ～ 80.0
Non-woven fabrics	-	-	10.0 ～ 20.0
Disodium EDTA	139-33-3	205-358-3	0.1～0.8
Propylene glycol	57-55-6	200-338-0	0.1～5.0
Cocamidopropyl Betaine	86438-79-1	263-058-8	0.1～4.0
Didecyl dimethyl ammonium chloride	7173-51-5	230-525-2	0.1～0.5
Benzalkonium chloride	63449-41-2	264-151-6	0.1～0.5
PEG-40 Hydrogenated Castor Oil	8001-78-3	-	0.1～8.0
ALOE BARBADENSIS LEAF JUICE	/	-	0.1～0.8

4 First-aid measures

Description of first aid measures

General advice	First aid measures are usually required, please show this SDS to the doctor who arrives at the scene.
eye contact	Rinse thoroughly with plenty of water for at least 15 minutes . If discomfort persists , consult a doctor.
skin contact	Normally, no danger. No emergency treatment is required.
Ingestion	Never give anything by mouth to an unconscious person. Call a doctor immediately.

Inhalation	Move the patient to fresh air immediately and keep breathing unobstructed. If breathing is difficult, give oxygen.
Protection of First Responders	Ensure that healthcare workers understand the hazardous properties of the product and take personal protective measures to protect themselves and prevent the spread of contamination .

The most important symptoms and effects, both acute and delayed

1	Section 11 for details

Emergency Medical Treatment and Special Treatment Instructions

1	Provide targeted treatment based on the symptoms that occur.
2	Note that symptoms may be delayed.

5 Fire-fighting measures

Fire extinguishing agent

Applicable fire extinguishing agent	Use extinguishing media appropriate to the surrounding area.
Not suitable for fire extinguishing agents	on the type of extinguishing agent that can be used .

Special hazards arising from the substance or mixture

1	Harmful flammable gases or vapors may be produced in case of fire .
2	May explode or decompose if exposed to fire or heat.

Advice for firefighters

1	As with any fire ,firefighters should wear self-contained breathing apparatus (MINING /NIOSH approved or equivalent) and complete protective gear.
2	While providing adequate protection for your body, extinguish the fire from a safe distance.
3	Prevent fire-fighting water from contaminating surface water or groundwater systems.

Personal protective measures, protective equipment and emergency procedures

1	Ensure adequate ventilation. Eliminate all sources of ignition. Take precautions against static discharge.
2	Evacuate personnel to safe areas. Keep people away from or upwind of the leak.
3	Use personal protective equipment. Avoid breathing vapor, mist, gas or dust.

6 Leakage emergency treatment

Environmental protection measures

1	Prevent further leakage or spillage if safe to do so.
2	Release to the environment must be avoided.

Methods for cleaning containers and materials

1	The collected materials should be handled in a timely manner in accordance with the relevant laws and regulations .
2	Eliminate all ignition sources. Use explosion-proof tools and equipment.

7 Handling and storage

Operation precautions

◆ Safeguard

1	Handle in a well-ventilated area.
2	Wear appropriate personal protective equipment.
3	Avoid contact with skin and eyes.

◆ Fire-fighting measures

1	Keep away from heat / sparks / open flames / hot surfaces.

◆ Take measures to prevent the generation of aerosols and dust

1	Avoid dust and aerosol formation.
2	Provide adequate exhaust ventilation where dust is formed.

◆ Occupational health advice

1	Please wash hands and face after use.
2	Change contaminated clothing immediately.

Storage precautions

1	Store tightly sealed.
2	Store in a dry, cool and ventilated place.
3	Keep away from heat, sparks, open flames and hot surfaces.
4	Store away from incompatible materials and food containers.

Specific Purpose

1	In addition to the uses mentioned in the first section, there are other specific uses that are not foreseen.

8 Exposure controls and personal protection

Control parameters

◆ Occupational exposure limit

Occupational exposure limit	no data

◆ Biological limits

Biological Limit Values	no data

◆ Monitoring methods

1	EN 14042 Workplace air . Guidance on procedures for assessing exposure to chemical or biological agents .
2	GBZ/T 300.1~GBZ/T 300.160-2017; GBZ/T 300.161~GBZ/T 300.164-2018 Determination of toxic substances in workplace air (series of standards).

Engineering Controls

1	Maintain adequate ventilation, especially in enclosed areas.
2	Make sure eyewash and shower facilities are available near the workplace.
3	Use explosion-proof electrical appliances, ventilation, lighting and other equipment.
4	Set up emergency evacuation passages and necessary evacuation areas.

Personal protective equipment

General requirements	No special requirements, see description below.
Eye protection	Normally, eye protection is not required. If you are exposed to dust during the production process, wear chemical goggles (in accordance with EU EN 166 or US NIOSH standards).
Hand protection	Hand protection is not normally required.
Respiratory protection	Normally, respiratory protection is not required. If the dust concentration exceeds the occupational exposure limit or irritation occurs, please use a full-face multi-functional gas mask (US) or AXBEK (EN 14387) gas mask cartridge.
Skin and body protection	Skin and body protection are not normally required.

9 Physical and chemical properties

Physical and chemical properties

Appearance and properties	White solid
odor	odorless
Odor threshold	no data
pH	no data
Melting point / freezing point (℃)	no data
Initial boiling point and boiling range (℃)	no data
Flash point (closed cup, ℃)	no data
Evaporation rate	no data
Flammability (solid or gas)	Non- flammable
/ lower explosion limit **[% (v/v)]**	Upper limit：No information available；Lower limit：No information available
Vapor pressure **(kPa)**	no data
Vapor density (air = **1)**	no data
Relative density (water = **1)**	no data
Solubility **(mg/L)**	no data
Octanol / water partition coefficient	no data
Autoignition temperature (℃)	no data
Decomposition temperature (℃)	no data
Viscosity (mm^2/s)	no data
Explosive performance	none
Oxidation performance	none

10 Stability and reactivity

Stability and Reactivity

Responsiveness	Contact with incompatible substances may cause decomposition or other chemical reactions.
Chemical stability	Stable under normal conditions of use and storage.
Possibility of hazardous reactions	Contact with oxidants may cause severe reactions and may cause fire or explosion. Contact with active metals (alkali metals, sodium, Calcium , etc.) and releases hydrogen.

Conditions to avoid	Incompatible materials, heat, flames and sparks.
Incompatible Materials	Alkali metals, alkaline earth metals and aluminum. Alkali, sodium, calcium, and other active metals, halogens, metal oxides, non-metal oxides, acyl halides and metal phosphides.
Hazardous decomposition products	Under normal conditions of storage and use ,there are no hazardous decomposition products.

11 Stability and reactivity

Acute toxicity

Components	LD50 （Oral)	LD50 （ dermal ）	LC 50 (inhalation)
Disodium EDTA	2000mg/kg (rat)	no data	no data
Propylene glycol	21000～32200mg / kg	no data	no data
Cocamidopropyl Betaine	no data	no data	no data
Didecyl dimethyl ammonium chloride	3600 mg/kg (rat)	no data	no data
Benzalkonium chloride	Category 4	Category 4	no data
PEG-40 Hydrogenated Castor Oil	no data	no data	no data

Carcinogenicity

Components	**IARC**	**NTP**
purified water	no	no
Non-woven fabrics	no	no
Disodium EDTA	no	no
Propylene glycol	no	no
Cocamidopropyl Betaine	no	no
Didecyl dimethyl ammonium chloride	no	no
Benzalkonium chloride	no	no
PEG-40 Hydrogenated Castor Oil	no	no
ALOE BARBADENSIS LEAF JUICE	no	no

Additional Information

CPAP WIPES	
Skin corrosion / irritation	Based on available data, classification criteria not met
Serious eye damage / irritation	Based on available data, classification criteria not met
Skin sensitization	Based on available data, classification criteria not met
Respiratory sensitization	Based on available data, classification criteria not met
Reproductive toxicity	Based on available data, classification criteria not met
Specific target organ toxicity - single dose touch	Based on available data, classification criteria not met
Specific target organ toxicity - repeated	no data

touch	
Aspiration hazard	no data
Germ cell mutagenicity	no data
Reproductive toxicity additional hazard	no data

12 Ecological information

Acute aquatic toxicity

Acute aquatic toxicity	no data

Chronic aquatic toxicity

Chronic aquatic toxicity	no data

Persistence and degradability

Persistence and degradability	no data

Potential for bioaccumulation

Bioaccumulation potential	no data

Migration in soil

Migration in soil	no data

13 Disposal

Disposal

Waste Chemicals	Dispose of containers in accordance with local and national regulations for the use of the product.
Contaminated packaging	After the packaging is emptied, there may still be residual hazards. It should be kept away from heat and fire and returned to the supplier for recycling if possible.
Disposal precautions	See Waste Disposal Sections 13.1 and 13.2 .

14 Transportation Information

Labels and tags

Shipping Labels	not applicable

IMDG-CODE

International Maritime Organization

IMDG-CODE	Not regulated as dangerous goods for transport

ICAO/IATA-DG

ICAO / IATA

ICAO/IATA-DG	Not regulated as dangerous goods for transport

UN-ADR

UN-ADR	Not regulated as dangerous goods for transport

15 Regulatory Information

International Inventory of Existing Chemical Substances

Components	EINECS	TSCA	DSL	IECSC	NZD	PICCS	KECI	AICS	ENCS
purified water	√	√	√	√	√	√	√	√	√
Non-woven fabrics	×	×	×	×	×	×	×	×	×
Disodium EDTA	√	√	√	√	√	√	√	√	√
Propylene glycol	√	√	√	√	√	√	√	√	√
Cocamidopropyl Betaine	√	√	√	√	√	√	√	√	√
Didecyl dimethyl ammonium chloride	√	√	√	√	√	√	√	√	√
Benzalkonium chloride	√	√	√	√	√	√	√	√	√
PEG-40 Hydrogenated Castor Oil	√	√	√	√	√	√	√	√	√
ALOE BARBADENSIS LEAF JUICE	√	√	√	√	√	√	√	√	√

【 EINECS 】 European Inventory of Existing Chemical Substances
【 TSCA 】 United States TSCA Chemical Substance Inventory
【 DSL 】 Canadian Domestic Chemical Substance List
【 IECSC 】 Inventory of Existing Chemical Substances in China
【 NZIoC 】 New Zealand Inventory of Chemical Substances in Current Use
【 PICCS 】 Philippine Inventory of Chemicals and Chemical Substances
【 KECI 】 Korean Existing Chemical Substances Inventory
【 AICS 】 Australian Inventory of Existing Chemical Substances

16 Other Information

Revision Information

Date of preparation	2024/07/16
Revision Date	2024/07/16
Reason for revision	-

references

[1] International Programme on Chemical Safety: International Chemical Safety Cards (ICSCs), website: http://www.ilo.org/dyn/icsc/showcard.home .

[2] International Agency for Research on Cancer, website: http://www.iarc.fr/ .

【 3 】 OECD Global Chemicals Information Platform, website: http://www.echemportal.org/echemportal/index?pageID=0&request_locale=en .

【 4 】U.S. CAMEO Chemical Substance Database, website: http://cameochemicals.noaa.gov/search/simple .

【 5 】National Library of Medicine : Chemical Identification Database, website: http://chem.sis.nlm.nih.gov/chemidplus/chemidlite.jsp .

【 6 】 U.S. Environmental Protection Agency: Integrated Hazards Information System, website: http://cfpub.epa.gov/iris/ .

[7] U.S. Department of Transportation: Emergency Response Guide, URL: http://www.phmsa.dot.gov/hazmat/library/erg .

【 8 】 GESTIS – German Hazardous Substances Database, website: http://gestis-en.itrust.de/ .

Abbreviations

CAS – Chemical Abstracts Number

TSCA – US TSCA Chemical Substance Inventory

PC-STEL – Short-term exposure tolerance

PC-TWA – Time Weighted Average

DNEL – Derived No Effect Level

IARC – International Agency for Research on Cancer

RPE – Respiratory Protective Equipment

PNEC – predicted no effect concentration

LC_{50} – 50% lethal concentration

LD_{50} – 50% lethal dose

NOEC – No Observed Effect Concentration

EC_{50} – 50% effective concentration

PBT – Persistent, Bioaccumulative, Toxic

POW – Octanol / Water Partition Coefficient

BCF – Bioconcentration Factor (BCF)

vPvB – persistent, bioaccumulative

CMR – Chemical substances that are carcinogenic, teratogenic and toxic for reproduction

IMDG – International Maritime Organization

ICAO/IATA – International Civil Aviation Organization / International Air Transport Association

UN – United Nations

ACGIH – American Conference of Industrial Hygienists

NFPA – National Fire Protection Association

OECD – Organization for Economic Cooperation and Development

Disclaimer

This Safety Data Sheet (SDS) is developed in accordance with REACH regulations . The data is sourced from international authoritative databases and data submitted by companies. Other information is based on the company's current knowledge. We try to ensure the accuracy of all information, but due to the diversity of information sources and the limitations of our knowledge, this document is for reference only. Users of the safety data sheet should judge the rationality of the relevant information based on the purpose of use. We do not assume any responsibility for any damage caused by the operation, storage, use or disposal of this product.