



SDS

Report No. : A2220267096101002

Company Name ZHANJIANG CHENMING PULP AND PAPER

shown on Report: CO, LTD.

Address: TAIPING TOWN MAZHANG DISTRICT

ZHANJIANG CITY, GUANGDONG PROVINCE

CHINA.

Sample Name: All wood pulp offset printing paper

Reviewed by:

Gu Cui

Approved by:

Chen Kaifu

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All wood pulp offset printing paper

Version : V2.0.0.1

Report No. : A2220267096101002

Creation Date : 2022/07/04

Revision Date : 2022/07/04

*Prepared according to EU regulation No. 2020/878

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

Product identifier

Product Name	All wood pulp offset printing paper
CAS No.	Not applicable
EC No.	Not applicable
Molecular Formula	Not applicable
REACH Registration Number	-
UFI	No information available

Relevant identified uses of the substance or mixture and uses advised against

Relevant identified uses	Printing high-end newspapers, magazines, covers, notebooks, books, manuals, etc.
Uses advised against	None.

Details of the supplier of the Safety Data Sheet

Name of the company	ZHANJIANG CHENMING PULP AND PAPER CO , LTD.
Address of the company	TAIPING TOWN MAZHANG DISTRICT ZHANJIANG CITY,GUANGDONG PROVINCE CHINA.
Post code	-
Telephone number	0759-8216160
Fax number	0759-8216121
E-mail address	2579580215@qq.com

Emergency telephone number

Emergency telephone number	0759-8216160
Opening hours	24h

2 Hazards identification

CLP classification according to Regulation (EC) No. 1272/2008

According to Regulation (EC) No 1272/2008 and its amendments. Not classified as a dangerous substance.

GHS Label elements

Hazard pictograms	Not applicable
Signal word	Not applicable

Hazard statements

Hazard statements	Not applicable
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| Precautionary statements
u Prevention

Prevention	Not applicable
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u Response

Response	Not applicable
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u Storage

Storage	Not applicable
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u Disposal

Disposal	Not applicable
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| Other hazards
u Results of PBT and vPvB assessment

Component	Results of PBT and vPvB assessment [according to (EC) No 1907/2006]
Calcium carbonate	Not applicable
29H,31H-phthalocyanine	Not PBT/vPvB

u Results of endocrine disrupting properties assessment

Results of endocrine disrupting properties assessment	Insufficient information, temporarily unable to evaluate
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u Other

	Not applicable.
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3 Composition/information on ingredients

| Substance/mixture

	Mixture
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Component	Weight % content (or range)	Classification according to Regulation(EC) No. 1272/2008 [CLP]	Specific Conc. Limits, M-factors
Pulp, cellulose CAS : 65996-61-4 EC : 265-995-8 Index No. : -	72	Not Classified	-
Calcium carbonate CAS : 471-34-1 EC : 207-439-9 Index No. : -	22.7	Not Classified	-
Water CAS : 7732-18-5 EC : 231-791-2 Index No. : -	4.304	Not Classified	-

Starch CAS : 9005-25-8 EC : 232-679-6 Index No. : -	0.98	Not Classified	-
Alkylketene dimer CAS : 144245-85-2 EC : - Index No. : -	0.013	Not Classified	-
Bentonite CAS : 1302-78-9 EC : 215-108-5 Index No. : -	0.0021	Not Classified	-
29H,31H-phthalocyanine CAS : 574-93-6 EC : 209-378-3 Index No. : -	0.0003	Not Classified	-
Pigment Violet 3 CAS : 1325-82-2 EC : 603-635-7 Index No. : -	0.0003	Eye Damage/Irritation , Category 1 , H318 ; Hazardous To The Aquatic Environment – Short-Term (Acute) Hazard , Category 1 , H400 ; Hazardous To The Aquatic Environment – Long-Term (Chronic) Hazard , Category 1 , H410	-
Poly(acrylamide) CAS : 9003-05-8 EC : 618-350-3 Index No. : -	0.0002	Not Classified	-
Sodium xylenesulphonate CAS : 1300-72-7 EC : 215-090-9 Index No. : -	0.0001	Eye Damage/Irritation , Category 2 , H319	-

4 First-aid measures

| Description of first aid measures

General advice	Immediate medical attention is required. Show this safety data sheet (SDS) to the doctor in attendance.
Eye contact	Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician if feel uncomfortable.
Skin contact	No harm in general situation. First aid is not needed.
Ingestion	Never give anything by mouth to an unconscious person. Call a physician immediately.
Inhalation	Move victim into fresh air. If breathing is difficult, give oxygen and consult a physician immediately.
Protecting of first-aiders	Ensure that medical personnel are aware of the substance involved. Take precautions to protect themselves and prevent spread of contamination.

| Most important symptoms/effects, acute and delayed

1	Please see section 11.
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| Indication of any immediate medical attention and special treatment needed

1	Treat symptomatically.
2	Symptoms may be delayed.

5 Fire-fighting measures**| Extinguishing media**

Suitable extinguishing media	Use extinguishing media suitable for surrounding area.
Unsuitable extinguishing media	There is no restriction on the type of extinguisher which may be used.

| Specific hazards arising from the substance or mixture

1	Development of hazardous combustion gases or vapor possible in the event of fire.
2	Not considered a significant fire risk, however containers may burn.

| Advice for firefighters

1	As in any fire, wear self-contained breathing apparatus (MSHA/NIOSH approved or equivalent) and full protective gear.
2	Fight fire from a safe distance, with adequate cover.
3	Prevent fire extinguishing water from contaminating surface water or the ground water system.

6 Accidental release measures**| Personal precautions, protective equipment and emergency procedures**

1	Ensure adequate ventilation. Remove all sources of ignition.
2	Evacuate personnel to safe areas. Keep people away from and upwind of spill/leak.
3	Use personal protective equipment, do not breathe dust/fume.

| Environmental precautions

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

| Methods and materials for containment and cleaning up

1	Cut off the source of the leak as much as possible.
2	Keep leaks in a ventilated place.
3	Isolation of contaminated areas and restrictions on access.
4	It is recommended that emergency personnel wear dust masks.
5	Collect the spill with a clean shovel and place it in a clean, dry, loosely closed container and move the container away from the leak.
6	Adhered or collected material should be promptly disposed of, in accordance with appropriate laws and regulations.

7 Handling and storage**| Precautions for safe handling****u Protective measures**

1	Handling is performed in a well ventilated place.
2	Avoid contact with eyes.

u Measures to prevent fire

1	Keep away from heat/sparks/open flames/ hot surfaces.
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u Measures to prevent aerosol and dust generation

1	Avoid formation of dust and aerosols.
2	Provide appropriate exhaust ventilation at places where dust is formed.

u Advice on general occupational hygiene

1	Wash hands and face after using of the substances.
2	Replace the contaminated clothing immediately.

| Conditions for safe storage, including any incompatibilities

1	Keep containers tightly closed.
2	Keep containers in a dry, cool and well-ventilated place.
3	Keep away from heat/sparks/open flames/hot surfaces.
4	Store away from incompatible materials and foodstuff containers.

| Specific end use(s)

1	In addition to use mentioned in the first parts, unforeseen other specific end uses.
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8 Exposure controls/personal protection
| Control parameters

Component	Country/Region	Limit value - Eight hours		Limit value - Short term	
		ppm	mg/m ³	ppm	mg/m ³
Calcium carbonate	USA - OSHA	-	15	-	-
	Latvia	-	6	-	-
	Ireland	-	10	-	-
	France	-	10	-	-
	Canada - Québec	-	10	-	-
	Australia	-	10	-	-
Starch	USA - OSHA	-	15	-	-
	South Korea	-	10	-	-
	New Zealand	-	10	-	-
	Ireland	-	10	-	-
	Belgium	-	10	-	-
	Australia	-	10	-	-

u Biological limit values

Biological limit values	No relevant regulations
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u Monitoring methods

1	EN 14042 Workplace atmospheres. Guide for the application and use of procedures for the assessment of exposure to chemical and biological agents.
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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 standard).

u Derived No effect level (DNEL)

Component	Route of exposure	DNEL for Workers			
		Acute effects(local)	Acute effects(systemic)	Chronic effects(local)	Chronic effects(systemic)
Pulp, cellulose	Inhalation	No data available	No data available	No data available	No data available
	Oral	No data available	No data available	No data available	No data available
	Dermal	No data available	No data available	No data available	No data available
Calcium carbonate	Inhalation	No data available	No data available	No data available	10 mg/m ³
	Oral	No data available	No data available	No data available	No data available
	Dermal	No data available	No data available	No data available	No data available
Water	Inhalation	No data available	No data available	No data available	No data available
	Oral	No data available	No data available	No data available	No data available
	Dermal	No data available	No data available	No data available	No data available
Starch	Inhalation	No data available	No data available	No data available	No data available
	Oral	No data available	No data available	No data available	No data available
	Dermal	No data available	No data available	No data available	No data available
Alkylketene dimer	Inhalation	No data available	No data available	No data available	No data available
	Oral	No data available	No data available	No data available	No data available
	Dermal	No data available	No data available	No data available	No data available
Bentonite	Inhalation	No data available	No data available	No data available	No data available
	Oral	No data available	No data available	No data available	No data available
	Dermal	No data available	No data available	No data available	No data available
29H,31H-phthalocyanine	Inhalation	No data available	No data available	No data available	4 mg/m ³
	Oral	No data available	No data available	No data available	No data available
	Dermal	No data available	No data available	No data available	No data available
Pigment Violet 3	Inhalation	No data available	No data available	No data available	No data available
	Oral	No data available	No data available	No data available	No data available
	Dermal	No data available	No data available	No data available	No data available
Poly(acrylamide)	Inhalation	No data available	No data available	No data available	No data available
	Oral	No data available	No data available	No data available	No data available
	Dermal	No data available	No data available	No data available	No data available
Sodium xylenesulphonate	Inhalation	No data available	No data available	No data available	26.9 mg/m ³
	Oral	No data available	No data available	No data available	No data available
	Dermal	No data available	No data available	No data available	No data available

u Predicted No Effect Concentration (PNEC)

Predicted No Effect Concentration (PNEC)	No information available
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| Engineering controls

1	Ensure adequate ventilation, especially in confined areas.
2	Handle in accordance with good industrial hygiene and safety practice.
3	Keep away from foodstuffs, beverages and feed.
4	Wash hands before breaks and at the end of workday.

| Personal protection equipment

General requirement	No special requirements, please see the description below.
Eye protection	In general situation, eye protection is not needed. In the production process, when contacting with vapour or dust, tightly fitting safety goggles.
Hand protection	In general situation, hand protection is not needed.
Respiratory protection	In general situation, respiratory protection is not needed. If exposure limits are exceeded or if irritation or other symptoms are experienced, wear dust proof mask or gas defence mask.
Skin and body protection	In general situation, skin and body protection are not needed.

9 Physical and chemical properties and safety characteristics
| Physical and chemical properties

Physical state	Solid
Colour	White
Odor	Odorless
Odor threshold	No information available
pH	No information available
Melting point/freezing point(°C)	No information available
Initial boiling point and boiling range(°C)	No information available
Flash point(Closed cup,°C)	Not applicable
Evaporation rate	Not applicable
Flammability	Combustible
Upper/lower explosive limits[% (v/v)]	Upper limit : No information available ; Lower limit : No information available
Vapor pressure	Not applicable
Vapor density(Air = 1)	Not applicable
Relative density(Water=1)	No information available
Solubility	Insoluble in water
n-octanol/water partition coefficient	No information available
Auto-ignition temperature(°C)	No information available
Decomposition temperature(°C)	No information available

Viscosity	Not applicable
Explosive properties	Not explosive
Oxidizing properties	Not oxidizing
Particle characteristics	No information available

10 Stability and reactivity

| Stability and reactivity

Reactivity	Contact with incompatible substances can cause decomposition or other chemical reactions.
Chemical stability	Stable under proper operation and storage conditions.
Possibility of hazardous reactions	In contact with active metals (alkali metals, Na, Ca etc.) causes a reaction and release hydrogen.
Conditions to avoid	Incompatible materials, heat, flame and spark.
Incompatible materials	Alkali, sodium, calcium, and other active metal, halogen, metal oxide, nonmetal oxide, acyl halide and metal phosphide.
Hazardous decomposition products	Under normal conditions of storage and use, hazardous decomposition products should not be produced.

11 Toxicological information

| Acute toxicity

Component	LD₅₀(oral)	LD₅₀(dermal)	LC₅₀(inhalation,4h)
Calcium carbonate	6450mg/kg(Rat)	No information available	No information available
Poly(acrylamide)	> 1000mg/kg(Rat)	No information available	No information available

| Carcinogenicity

Component	List of carcinogens by the IARC Monographs	Report on Carcinogens by NTP
Pulp, cellulose	Not Listed	Not Listed
Calcium carbonate	Not Listed	Not Listed
Water	Not Listed	Not Listed
Starch	Not Listed	Not Listed
Alkylketene dimer	Not Listed	Not Listed
Bentonite	Not Listed	Not Listed
29H,31H-phthalocyanine	Not Listed	Not Listed
Pigment Violet 3	Not Listed	Not Listed
Poly(acrylamide)	Not Listed	Not Listed
Sodium xylenesulphonate	Not Listed	Not Listed

| Endocrine disrupting properties

Endocrine disrupting properties	No information available
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| Others

All wood pulp offset printing paper	
Skin corrosion/irritation	Based on available data, the classification criteria are not met
Serious eye damage/irritation	Based on available data, the classification criteria are not met
Skin sensitization	Based on available data, the classification criteria are not met
Respiratory sensitization	Based on available data, the classification criteria are not met
Reproductive toxicity	Based on available data, the classification criteria are not met
STOT-single exposure	Based on available data, the classification criteria are not met
STOT-repeated exposure	Based on available data, the classification criteria are not met
Aspiration hazard	Based on available data, the classification criteria are not met
Germ cell mutagenicity	Based on available data, the classification criteria are not met
Reproductive toxicity(additional)	Based on available data, the classification criteria are not met

12 Ecological information
| Acute aquatic toxicity

Component	Fish	Crustaceans	Algae
Bentonite	LC ₅₀ : 19000mg/L (96h)(Fish)	No information available	No information available

| Chronic aquatic toxicity

Chronic aquatic toxicity	No information available
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| Persistence and degradability

Component	Persistence (water/soil)	Persistence (air)
Pulp, cellulose	Low	Low
Water	Low	Low
Poly(acrylamide)	Low	Low

| Bioaccumulative potential

Component	Bioaccumulative potential	Comments
Pulp, cellulose	Low	Log Kow=-5.1249
Water	Low	Log Kow=-1.38
Poly(acrylamide)	Low	Log Kow=-0.8074

| Mobility in soil

Component	Mobility in soil	Soil Organic Carbon-Water Partitioning Coefficient (Koc)
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Pulp, cellulose	Low	10
Water	Low	14.3
Poly(acrylamide)	Low	10.46

Results of PBT and vPvB assessment

Component	Results of PBT and vPvB assessment [according to (EC) No 1907/2006]
Calcium carbonate	Not applicable
29H,31H-phthalocyanine	Not PBT/vPvB

Endocrine disrupting properties

Endocrine disrupting properties	No information available
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13 Disposal considerations
Disposal considerations

Waste chemicals	Before disposal should refer to the relevant national and local laws and regulation. Recommend the use of incineration disposal.
Contaminated packaging	Containers may still present chemical hazard when empty. Keep away from hot and ignition source of fire. Return to supplier for recycling if possible.
Disposal recommendations	Refer to section waste chemicals and contaminated packaging.

14 Transport information
Label and Mark

Transporting Label	Not applicable
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IMDG-CODE

IMDG-CODE	NOT REGULATED FOR TRANSPORT OF DANGEROUS GOODS
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IATA-DGR

IATA-DGR	NOT REGULATED FOR TRANSPORT OF DANGEROUS GOODS
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UN-ADR

UN-ADR	NOT REGULATED FOR TRANSPORT OF DANGEROUS GOODS
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15 Regulatory information
International chemical inventory

Component	EINECS	TSCA	DSL	IECSC	NZIoC	PICCS	KECI	AIIC	ENCS
Pulp, cellulose	√	√	√	√	√	√	√	√	×
Calcium carbonate	√	√	√	√	√	√	√	√	√
Water	√	√	√	√	√	√	√	√	√

Starch	√	√	√	√	√	√	√	√	√
Alkylketene dimer	×	×	×	×	×	×	×	×	×
Bentonite	√	√	√	√	√	√	√	√	×
29H,31H-phthalocyanine	√	√	√	√	√	√	√	√	√
Pigment Violet 3	×	√	√	√	√	√	√	√	√
Poly(acrylamide)	×	√	√	√	√	√	√	√	√
Sodium xylenesulphonate	√	√	√	√	√	√	√	√	√

[EINECS]	European Inventory of Existing Commercial Chemical Substances
[TSCA]	United States Toxic Substances Control Act Inventory
[DSL]	Canadian Domestic Substances List
[IECSC]	China Inventory of Existing Chemical Substances
[NZIoC]	New Zealand Inventory of Chemicals
[PICCS]	Philippines Inventory of Chemicals and Chemical Substances
[KECI]	Korea Existing Chemicals Inventory
[AIIC]	Australia. Inventory of Industrial Chemicals (AIIC)
[ENCS]	Japan Inventory of Existing & New Chemical Substances

| European chemical inventory

Component	A	B	C	D	E	F	G
Pulp, cellulose	×	×	×	√	×	×	×
Calcium carbonate	×	×	×	√	√	×	×
Water	×	×	×	√	×	×	×
Starch	×	×	×	√	×	×	×
Alkylketene dimer	×	×	×	√	×	×	×
Bentonite	×	×	×	√	×	×	×
29H,31H-phthalocyanine	×	×	×	√	√	×	×
Pigment Violet 3	×	×	×	√	×	×	×
Poly(acrylamide)	×	×	×	√	×	×	×
Sodium xylenesulphonate	×	×	×	√	√	×	×

[A]	Candidate list of Substances of Very High Concern for authorization under EU REACH regulation
[B]	Substances requiring authorisation under EU REACH regulation
[C]	Substances restricted under EU REACH
[D]	Pre-registered substances under EU REACH
[E]	Registered substances under EU REACH
[F]	Substance Evaluation – CoRAP under EU REACH
[G]	List of priority substances under EU water policy (Directive 2455/2001/EC)

Note:

- “√” Indicates that the substance included in the regulations.
 ”
 “×” No data or not included in the regulations.
 ”

16 Other information

Information on revision

Creation Date	2022/07/04
Revision Date	2022/07/04
Reason for revision	-

Reference

- [1] IPCS: The International Chemical Safety Cards (ICSC), website: <http://www.ilo.org/dyn/icsc/showcard.home>.
- [2] IARC, website: <http://www.iarc.fr/>.
- [3] OECD: The Global Portal to Information on Chemical Substances, website: <https://www.echemportal.org/echemportal/substancesearch/index.action>.
- [4] CAMEO Chemicals, website: <http://cameochemicals.noaa.gov/search/simple>.
- [5] NLM: ChemIDplus, website: <http://chem.sis.nlm.nih.gov/chemidplus/chemidlite.jsp>.
- [6] EPA: Integrated Risk Information System, website: <http://cfpub.epa.gov/iris/>.
- [7] U.S. Department of Transportation: ERG, website: <http://www.phmsa.dot.gov/hazmat/library/erg>.
- [8] Germany GESTIS-database on hazard substance, website: <http://gestis-en.itrust.de/>.

Abbreviations and acronyms

CAS	Chemical Abstracts Service	UN	The United Nations
PC-STEL	Short term exposure limit	OECD	Organization for Economic Co-operation and Development
PC-TWA	Time Weighted Average	IMDG	International Maritime Dangerous Goods
MAC	Maximum Allowable Concentration	IARC	International Agency for Research on Cancer
DNEL	Derived No Effect Level	ICAO	International Civil Aviation Organization
PNEC	Predicted No Effect Concentration	IATA	International Air Transportation Association
NOEC	No Observed Effect Concentration	ACGIH	American Conference of Governmental Industrial Hygienists
LC ₅₀	Lethal Concentration 50%	NFPA	National Fire Protection Association
LD ₅₀	Lethal Dose 50%	NTP	National Toxicology Program
EC ₅₀	Effective Concentration 50%	PBT	Persistent, Bioaccumulative, Toxic
EC _x	Effective Concentration X%	vPvB	very Persistent, very Bioaccumulative
P _{OW}	Partition coefficient Octanol: Water	CMR	Carcinogens, mutagens or substances toxic to reproduction
BCF	Bioconcentration factor	RPE	Respiratory Protective Equipment
ED	Endocrine disruptor		

Disclaimer

This Safety Data Sheet (SDS) was prepared according to REACH Regulation The data included was derived from international authoritative database and provided by the enterprise. Other information was based on the present state of our knowledge. We try to ensure the correctness of all information. However, due to the diversity of information sources and the limitations of our knowledge, this document is only for user's reference. Users should make their independent judgment of suitability of this information for their particular purposes. We do not assume responsibility for loss, damage or expense arising out of or in any way connected with the handling, storage, use or disposal of the product.

Further information:

This information is based upon the present state of our knowledge. This SDS has been compiled and is solely intended for this product. The information of section 3 and section 9 is provided by the company listed in section 1. Other information is from authoritative database and expert assessment.

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