SDS Service Summary

No.: CANTY2200900978 Date: 11 Feb 2024

SGS Job No.	: T52210260003RA
Product Name	: Erasable Ink in Green
Manufacturer / Supplier	: XIAMEN LIVIYA CO.,LTD.
Country of Origin	: CHINA
Composition/Ingredient of product (as per applicant submission)	: See *section 3 Composition/information on ingredients* on the SDS
Job Receiving Date	: 02 Feb 2024
SDS Preparation Period	: 02 Feb 2024-07 Feb 2024
Service Requested	: Preparation of Safety Data Sheet (SDS) for the product with submitted information, with calculation of the classification and labeling requirement according to the submitted composition and European Commission Regulation (EC) No 1272/2008.
Summary	: As per request, the contents and formats of the SDS are prepared in accordance with European Commission Regulation (EC) No 1907/2006, Regulation (EC) No 1272/2008 and Regulation (EU) No 2015/830, and is provided per attached.

Disclaimer

This Safety Data Sheet (SDS) is provided to applicant to fulfill European Commission Regulation (EC) No 1907/2006 and communicate the hazard information of chemicals through the supply chain to ensure safe use. It is not a test report or a certificate ensuring the safety of a product.
SGS has consolidated product information based on documents provided by Applicant (i.e. product name, the supplier details, product composition, available physical data, etc.) without independent verification from SGS. The information is provided without any warranty, express or implied, regarding its correctness.

Zm guan
Project Engineer

Safety data sheet
Regulation (EC) No. 1907/2006 and 1272/2008

Printing date 07.02.2024 *Version number 1* *Revision: 06.02.2024*

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

· **1.1 Product identifier**

· **Trade name: Erasable Ink in Green**

· **1.2 Relevant identified uses of the substance or mixture and uses advised against**
· **Application of the substance / the mixture:** For Students writing, kids drawing...

· **1.3 Details of the supplier of the safety data sheet**
· **Manufacturer / Supplier:** XIAMEN LIVIYA CO.,LTD.
· **Full address:**
NO.153 TONGAN AREA TONGAN CENTRALIZED INDUSTRY ZONE XIAMEN 361100 CHINA
· **Phone number:** 13459286853
· **Email:** Lisa@xmliviya.com

· **Only Representative / other EU contact point:** Not available

· **Further information obtainable from:** XIAMEN LIVIYA CO.,LTD.

· **1.4 Emergency telephone number:**
GERMANY
Poison Center Berlin - Institute of Toxicology
Tel: +49 030 192 40

· **1.5 Reference Number:** CANTY2200270301,T52210260003RA

SECTION 2: Hazards identification

· **2.1 Classification of the substance or mixture**
· **Classification according to Regulation (EC) No 1272/2008**
The product is not classified according to the CLP regulation.

· **Information concerning particular hazards for human and environment:**
The product has not to be labelled due to the calculation procedure of Regulation (EC) No. 1272/2008.

· **Classification system:**
The classification is according to the latest edition of EU Regulation (EC) No. 1272/2008, and extended by company and literature data.

· **2.2 Label elements**
· **Labelling according to Regulation (EC) No. 1272/2008** Not applicable
· **Hazard pictograms** Not applicable
· **Signal word** Not applicable
· **Hazard statements** Not applicable

· **2.3 Other hazards:**
· **Results of PBT and vPvB assessment**
· **PBT:** Not applicable
· **vPvB:** Not applicable

SECTION 3: Composition/information on ingredients

· **3.2 Mixtures**
· **Description:**
Mixture of the substances listed below with nonhazardous additions.
For the wording of the listed hazard statements refer to section 16.

· **Composition:**		
CAS: 7732-18-5 EINECS: 231-791-2	Water	59.10%
CAS: 9010-69-9 EINECS: 232-723-4	Resin acids and Rosin acids, zinc salts	16%

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CAS: 107-43-7 EINECS: 203-490-6	Betaine	10%
CAS: 25767-39-9	2-Propenoic acid, 2 -methyl-, methyl ester, polymer with ethenylbenzene and 2-propenoic acid	8%
CAS: 34372-72-0	3-Dimethylamino-6-n,n-dibenzylamino-fluoran	6%
CAS: 122-99-6 EINECS: 204-589-7 Index number: 603-098-00-9	2-Phenoxyethanol Acute Tox. 4, H302; Eye Irrit. 2, H319	0.9%

SECTION 4: First aid measures

· **4.1 Description of first aid measures**
· **General description:** No special measures required.
· **After inhalation:** Supply fresh air; consult doctor in case of complaints.
· **After skin contact:** Generally the product does not irritate the skin.
· **After eye contact:** Rinse opened eye for several minutes under running water.
· **After swallowing:** If symptoms persist consult doctor.

· **4.2 Most important symptoms and effects, both acute and delayed:**
No further relevant information available.

· **4.3 Indication of any immediate medical attention and special treatment needed:**
No further relevant information available.

SECTION 5: Firefighting measures

· **5.1 Extinguishing media**
· **Suitable extinguishing agents:** Use fire extinguishing methods suitable to surrounding conditions.

· **5.2 Special hazards arising from the substance or mixture:** No further relevant information available.

· **5.3 Advice for firefighters**
· **Protective equipment:** No special measures required.

SECTION 6: Accidental release measures

· **6.1 Personal precautions, protective equipment and emergency procedures:** Not required.

· **6.2 Environmental precautions:**
Dilute with plenty of water.
Do not allow to enter sewers/ surface or ground water.

· **6.3 Methods and material for containment and cleaning up:**
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

· **6.4 Reference to other sections:**
See Section 7 for information on safe handling.
See Section 8 for information on personal protection equipment.
See Section 13 for disposal information.

SECTION 7: Handling and storage

· **7.1 Precautions for safe handling:**
No special measures required.
For the general occupational hygienic measures refer to Section 8.

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· **Information about fire - and explosion protection:** No special measures required.

· **7.2 Conditions for safe storage, including any incompatibilities**
· **Requirements to be met by storerooms and receptacles:** No special requirements.
· **Information about storage in one common storage facility:** Not required.
· **Further information about storage conditions:** None.

· **7.3 Specific end use(s):** No further relevant information available.

SECTION 8: Exposure controls/personal protection

· **8.1 Control parameters**

· **Ingredients with limit values that require monitoring at the workplace:**	
122-99-6 2-Phenoxyethanol (0.9%)	
AGW (Germany)	Long-term value: 5.7 mg/m³, 1 ppm 1(I);DFG, Y, 11

· **Regulatory information** AGW (Germany): TRGS 900
· **DNELs:** Not available
· **PNECs:** Not available

· **Additional information:** The lists valid during the making were used as basis.

· **8.2 Exposure controls**
Based on the composition shown in Section 3, the following measures are suggested for occupational safety measure.
· **Appropriate engineering controls:** See Section 7 for information about design of technical facilities.

· **Personal protective equipment**
· **Respiratory protection:** Not required.
· **Protection of hands:**



Protective gloves

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.
Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.
Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation.
· **Material of gloves**
The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.
· **Penetration time of glove material:**
The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.
· **Eye protection:** Goggles recommended during refilling
· **Environmental exposure controls:**
Control measures must be made in accordance with Community environmental protection legislation.

SECTION 9: Physical and chemical properties

· **9.1 Information on basic physical and chemical properties**
· **Appearance**
Form: Liquid

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Colour:	Green
· **Odour:**	Odourless
· **Odour threshold:**	Not available
· **pH-value:**	6.5-7.0
· **Change in condition**	
Melting point/Freezing point:	Not available
Initial boiling point and boiling range:	Not available
· **Flash point:**	Not available
· **Flammability (solid, gas):**	Not available
· **Auto-ignition temperature:**	Not available
· **Decomposition temperature:**	Not available
· **Self-igniting:**	Not available
· **Explosive properties:**	Not available
· **Explosion limits**	
Lower:	Not available
Upper:	Not available
· **Oxidising properties:**	Not available
· **Vapour pressure:**	Not available
· **Density:**	Not available
· **Relative density:**	Not available
· **Vapour density:**	Not available
· **Evaporation rate:**	Not available
· **Solubility in / Miscibility with water:**	Not available
· **Partition coefficient: n-octanol/water:**	Not available
· **Viscosity**	
Dynamic:	Not available
Kinematic:	Not available
· **9.2 Other information**	No further relevant information available.

SECTION 10: Stability and reactivity

· **10.1 Reactivity:** No further relevant information available.

· **10.2 Chemical stability:** No further relevant information available.

· **10.3 Possibility of hazardous reactions:** No dangerous reactions known.

· **10.4 Conditions to avoid:** No further relevant information available.

· **10.5 Incompatible materials:** No further relevant information available.

· **10.6 Hazardous decomposition products:** No dangerous decomposition products known.

SECTION 11: Toxicological information

· **11.1 Information on toxicological effects**

· **Acute toxicity** Based on available data, the classification criteria are not met.

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· **LD/LC50 values relevant for classification:**

122-99-6 2-Phenoxyethanol

Oral	LD50	1,260 mg/kg (rat)
Dermal	LD50	5,000 mg/kg (rabbit)

· **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.
· **Respiratory or skin sensitization:** Based on available data, the classification criteria are not met.
· **Germ cell mutagenicity** Based on available data, the classification criteria are not met.
· **Carcinogenicity** 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.

SECTION 12: Ecological information

· **12.1 Toxicity**
· **Aquatic toxicity:** No further relevant information available.

· **12.2 Persistence and degradability:** No further relevant information available.

· **12.3 Bioaccumulative potential:** No further relevant information available.

· **12.4 Mobility in soil:** No further relevant information available.

· **12.5 Results of PBT and vPvB assessment**
· **PBT:** Not applicable.
· **vPvB:** Not applicable.

· **12.6 Other adverse effects** No further relevant information available.

· **12.7 Additional ecological information:**
· **General notes:**
Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water
Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

SECTION 13: Disposal considerations

· **13.1 Waste treatment methods**
· **Recommendation:** Smaller quantities can be disposed of with household waste.

· **Uncleaned packaging**
· **Recommendation:** Disposal must be made according to official regulations.
· **Recommended cleansing agents:** Water, if necessary together with cleansing agents.

SECTION 14: Transport information

· **14.1 UN-Number**
· **ADR/RID/ADN, IMDG, IATA** Not applicable

· **14.2 UN proper shipping name**
· **ADR/RID/ADN, IMDG, IATA** Not applicable

· **14.3 Transport hazard class(es)**

· **ADR/RID/ADN, IMDG, IATA**
· **Class** Not applicable

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· **Label**	-
· **14.4 Packing group** · **ADR/RID/ADN, IMDG, IATA**	Not applicable
· **14.5 Environmental hazards** · **Marine pollutant:**	No
· **14.6 Special precautions for user:** · **Hazard identification number (Kemler code):**	Not applicable -
· **14.7 Transport in bulk according to Annex II of Marpol and the IBC Code**	Not applicable
· **14.8 Transport/Additional information:**	Not dangerous according to the above specifications.
· **UN "Model Regulation":**	Not applicable

SECTION 15: Regulatory information

· **15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**

· **MAK(German Maximum Workplace Concentration)**

None of the ingredients is listed.

· **Directive 2012/18/EU**
· **Named dangerous substances - ANNEX I** None of the ingredients is listed.
· **Seveso category** Not applicable
· **Qualifying quantity (tonnes) for the application of lower-tier requirements** Not applicable
· **Qualifying quantity (tonnes) for the application of upper-tier requirements** Not applicable

· **DIRECTIVE 2011/65/EU on the restriction of the use of certain hazardous substances in electrical and electronic equipment – Annex II**

None of the ingredients is listed.

· **National regulations:**

· **Water hazard class:** Water hazard class 1 (Self-assessment): slightly hazardous for water.

· **Other regulations, limitations and prohibitive regulations**

· **SVHC Candidate List of REACH Regulation Annex XIV Authorisation (17/1/2022)**

None of the ingredients is listed

· **REACH Regulation Annex XVII Restriction (13/12/2021)**
See Section 16 for information about restriction of use.

None of the ingredients is listed

· **REACH Regulation Annex XIV Authorisation List (23/11/2021)**

None of the ingredients is listed

· **15.2 Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

SECTION 16: Other information

· **Relevant hazard statements**
H302 Harmful if swallowed.
H319 Causes serious eye irritation.
· **********
The contents and format of this SDS are in accordance with Regulation (EC) No 1907/2006, 1272/2008 and Regulation (EU) No 2015/830.

DISCLAIMER OF LIABILITY
The information in this SDS was obtained from sources which we believe are reliable. However, the

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· ***Abbreviations and acronyms:***
ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)
IMDG: International Maritime Code for Dangerous Goods
IATA: International Air Transport Association
GHS: Globally Harmonised System of Classification and Labelling of Chemicals
EINECS: European Inventory of Existing Commercial Chemical Substances
ELINCS: European List of Notified Chemical Substances
CAS: Chemical Abstracts Service (division of the American Chemical Society)
DNEL: Derived No-Effect Level (REACH)
PNEC: Predicted No-Effect Concentration (REACH)
LC50: Lethal concentration, 50 percent
LD50: Lethal dose, 50 percent
PBT: Persistent, Bioaccumulative and Toxic
vPvB: very Persistent and very Bioaccumulative
Acute Tox. 4: Acute toxicity - oral – Category 4
Eye Irrit. 2: Serious eye damage/eye irritation – Category 2
· **********

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