SAFETY DATA SHEET

Nail polish

YIWU B.GARDEN COSMETICS CO.,LTD

SDS

- **According to GHS (Eighth Revised Edition)**

Section 1 Product and Company Identification

> Product Identifier

Product Name	Nail polish
Synonyms	-

> Relevant Identified Uses of the Substance or Mixture and Uses Advised Against

Relevant Identified Uses	Please consult manufacturer.
Uses Advised Against	Please consult manufacturer.

> Details of the Supplier of the Safety Data Sheet

Applicant Name	YIWU B.GARDEN COSMETICS CO.,LTD
Application Address	Yidong Industrial Park, ersanli street is close to K1 and K2
Applicant Post Code	322000
Applicant Telephone	+86-579-85016560
Applicant Fax	+86-579-85016560
Applicant E-mail	B_GARDEN@163.com
Supplier Name	YIWU B.GARDEN COSMETICS CO.,LTD
Supplier Address	Yidong Industrial Park, ersanli street is close to K1 and K2
Supplier Post Code	322000
Supplier Telephone	+86-579-85016560
Supplier Fax	+86-579-85016560
Supplier E-mail	B_GARDEN@163.com

> Emergency Phone Number

Emergency Phone Number	+86-579-85016560

Section 2 Hazards Identification

Hazard class and label elements of the product according to GHS (the eighth revised edition):

> GHS Hazard Class

Flammable Liquids	Category 2
Eye Damage/Irritation	Category 2A
Specific Target Organ Toxicity (Single Exposure)	Category 3

> GHS Label Elements

Pictogram

Signal Word **Danger**

> Hazard Statements

H225	Highly flammable liquid and vapour
H319	Causes serious eye irritation
H336	May cause drowsiness or dizziness

> Precautionary Statements

Prevention

P210	Keep away from heat, hot surfaces, sparks,open flames and other ignition sources. No smoking.
P233	Keep container tightly closed.
P240	Ground and bond container and receiving equipment.
P241	Use explosion-proof [electrical/ventilating/lighting] equipment.
P242	Use non-sparking tools.
P243	Take action to prevent static discharges.
P261	Avoid breathing dust/fume/gas/mist/vapours/spray.
P264	Wash contact area thoroughly after handling.
P272	Contaminated work clothing should not be allowed out of the workplace.
P280	Wear protective gloves/protective clothing/eye protection/face protection/hearing protection.

Response

P319	Get medical help if you feel unwell.
P304+P340	IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P370+P378	In case of fire: Use suitable extinguishing medium to extinguish.
P303+P361+P353	IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

Storage

P405	Store locked up.
P403+P233	Store in a well-ventilated place. Keep container tightly closed.
P403+P235	Store in a well-ventilated place. Keep cool.

Disposal

P501	Dispose of contents/container in accordance with local/regional/national/ international regulations.

Section 3 Composition/Information on Ingredients

Component	Concentration (weight percent, %)	CAS No.	EC No.
Butyl acetate	32.53	123-86-4	204-658-1
Ethyl acetate	32.53	141-78-6	205-500-4
Nitrocellulose	8.37	9004-70-0	618-392-2
Acety tributyl citrate	6.51	77-90-7	201-067-0

Isopropyl Alcohol	3.72	67-63-0	200-661-7
Synthetic Fluorphlogopite	3.72	12003-38-2	234-426-5
Ammonium stearate	3.72	1002-89-7	213-695-2
Bentonite	1.85	1302-78-9	215-108-5
Red 6 Lake(CI 15850)	4.6	5858-81-1	227-497-9
Red 7 Lake(CI 15850)	2.45	5281-04-9	226-109-5

Section 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	Take off contaminated clothing and shoes immediately. Wash off with plenty of water for at least 15 minutes and consult a physician if feel uncomfortable.
Ingestion	Do not induce vomiting. Never give anything by mouth to an unconscious person. Call a physician or Poison Control Center immediately.
Inhalation	Move victim into fresh air. If breathing is difficult, give oxygen. Do not use mouth to mouth resuscitation if victim ingested or inhaled the substance. If not breathing, give artificial respiration 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 and Effects, both Acute and Delayed

1 Substance accumulation, in the human body, may occur and may cause some concern following repeated or long-term occupational exposure.

> Indication of Any Immediate Medical Attention and Special Treatment Needed

1 Treat symptomatically.

2 Symptoms may be delayed.

Section 5 Fire Fighting Measures

> Extinguishing Media

Suitable Extinguishing Media	Dry chemical, carbon dioxide or alcohol-resistant foam.
Unsuitable Extinguishing Media	Do not use a solid water stream as it may scatter or spread fire.

> Specific Hazards Arising from the Substance or Mixture

1 Will form explosive mixtures with air.

2 Fire exposed containers may vent contents through pressure relief valves thereby increasing fire intensity and/ or vapour concentration.

3 Vapours may travel to source of ignition and flash back.

4 Liquid and vapour are flammable.

5 Containers may explode when heated.

6 Fire exposed containers may vent contents through pressure relief valves.

7 May expansion or decompose explosively when heated or involved in fire.

> 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.

Section 6 Accidental Release Measure

> Personal Precautions, Protective Equipment and Emergency Procedures

1. Avoid breathing vapors and contacting with skin and eye.
2. Beware of vapours accumulating to form explosive concentrations.
3. Vapours can accumulate in low areas.
4. Emergency personnel wear positive pressure self-contained breathing apparatus. Wear protective and anti-static clothing. Wear chemical impermeable gloves.
5. Ensure adequate ventilation. Remove all sources of ignition.
6. Evacuate personnel to safe areas. Keep people away from and upwind of spill/leak.
7. Use personal protective equipment. Avoid breathing vapours, mist, gas or dust.

> 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. Absorb spilled material in dry sand or inert absorbent. In case of large amount of spillage, contain a spill by bunding.
2. Adhered or collected material should be promptly disposed of, in accordance with appropriate laws and regulations.
3. Remove all sources of ignition. Use spark-proof tools and explosion-proof equipment.

Section 7 Handling and Storage

> Precautions for Handling

1. Avoid inhalation of vapors.
2. Use only non-sparking tools.
3. To prevent fire caused by electrostatic discharge steam, equipment on all metal parts should be grounded.
4. Use explosion proof equipment.
5. Handling is performed in a well ventilated place.
6. Wear suitable protective equipment.
7. Avoid contact with skin and eyes.
8. Keep away from heat/sparks/open flames/ hot surfaces.
9. Take precautionary measures against static discharges.

> Precautions for Storage

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.

> Control Parameters

Section 8 Exposure Controls/Personal Protection

Occupational Exposure Limit Values

Component	Country/Region	Limit Value - Eight Hours		Limit Value - Short Term	
		ppm	mg/m³	ppm	mg/m³
Butyl acetate 123-86-4	USA - OSHA	150	710	-	-
	South Korea	150	710	200	950
	Ireland	150	710	200	950
	Germany (AGS)	62	300	124	600
	Denmark	150	710	300	1420
	Australia	150	713	200	950
Ethyl acetate 141-78-6	USA - OSHA	400	1400	-	-
	South Korea	400	1400	-	-
	Ireland	200	-	400	-
	Germany (AGS)	400	1500	800	3000
	Denmark	150	540	300	1080
	Australia	200	720	400	1440
Isopropyl Alcohol 67-63-0	USA - OSHA	400	980	-	-
	South Korea	200	480	400	980
	Ireland	200	-	400	-
	Germany (AGS)	200	500	400	1000
	Denmark	200	490	400	980
	Australia	400	983	500	1230
Ammonium stearate 1002-89-7	Latvia	-	2	-	-

Biological Limit Values

No information available

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.
2. GBZ/T 160 Determination of toxic substances in workplace air(Series effective standard)and GBZ/T 300 Determination of toxic substances in workplace air(Series standard).

> Engineering Controls

1. Ensure adequate ventilation, especially in confined areas.
2. Ensure that eyewash stations and safety showers are close to the workstation location.
3. Use explosion-proof electrical/ventilating/lighting/equipment.
4. Set up emergency exit and necessary risk-elimination area.

> Personal Protection Equipment

Eye Protection	Tightly fitting safety goggles (approved by EN 166(EU) or NIOSH (US).
Hand Protection	Wear protective gloves（such as butyl rubber）, passing the tests according to EN 374(EU),US F739 or AS/NZS 2161.1 standard.
Respiratory protection	If exposure limits are exceeded or if irritation or other symptoms are experienced, use a full-face respirator with multi-purpose combination (US) or type AXBEK (EN 14387) respirator cartridges.

Skin and Body Protection	Wear fire/flame resistant/retardant clothing and antistatic boots.

Section 9 Physical and Chemical Properties

Appearance: Red liquid

Odor: No information available

Odor Threshold: No information available

pH: No information available

Melting Point/Freezing Point (℃): No information available

Initial Boiling Point and Boiling Range (℃): No information available

Flash Point (℃)(Closed Cup): < 20

Evaporation Rate: No information available

Flammability: Not applicable

Upper/lower explosive limits[%(v/v)]: Upper limit: No information available; Lower limit: No information available

Vapor Pressure (KPa): No information available

Relative Vapour Density(Air = 1): No information available

Relative Density(Water=1): No information available

Solubility: No information available

n-Octanol/Water Partition Coefficient: No information available

Auto-Ignition Temperature(℃): No information available

Decomposition Temperature (℃): No information available

Kinematic Viscosity (mm^2/s): No information available

Particle characteristics: Not applicable

Section 10 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 metal alkoxides may cause a fire. In contact with oxidants causes severe reactions, and may cause a fire or explosion.
Conditions to Avoid	Incompatible materials, heat, flame and spark.
Incompatible Materials	Metal alkyl oxide, metal hydride, inorganic peroxide, nitrate and halogens oxyacid salts. Oxidants, alkali metals, alkaline earth metals and aluminum.
Hazardous Decomposition products	Under normal conditions of storage and use, hazardous decomposition products should not be produced.

Section 11 Toxicological Information

> Acute Toxicity

Component	CAS No.	LD_{50}(Oral)	LD_{50}(Dermal)	LC_{50}(Inhalation, 4h)
Nitrocellulose	9004-70-0	> 5000mg/kg(Rat)	No information available	No information available
Isopropyl Alcohol	67-63-0	5045mg/kg(Rat)	12800mg/kg(Rabbit)	No information available
Red 6 Lake(CI 15850)	5858-81-1	> 10800mg/kg(Rat)	No information available	No information available

Butyl acetate	123-86-4	10768mg/kg(Rat)	> 17600mg/kg(Rabbit)	1.853mg/L(Rat)
Ethyl acetate	141-78-6	5620mg/kg(Rat)	No information available	No information available

> Skin Corrosion/Irritation

No information available

> Serious Eye Damage/Irritation

Causes serious eye irritation(Category 2A)

> Skin Sensitization

No information available

> Respiratory Sensitization

No information available

> Germ Cell Mutagenicity

No information available

> Carcinogenicity

ID	CAS No.	Component	IARC	NTP
1	123-86-4	Butyl acetate	Not Listed	Not Listed
2	141-78-6	Ethyl acetate	Not Listed	Not Listed
3	9004-70-0	Nitrocellulose	Not Listed	Not Listed
4	77-90-7	Acety tributyl citrate	Not Listed	Not Listed
5	67-63-0	Isopropyl Alcohol	Category 3	Not Listed
6	12003-38-2	Synthetic Fluorphlogopite	Not Listed	Not Listed
7	1002-89-7	Ammonium stearate	Not Listed	Not Listed
8	1302-78-9	Bentonite	Not Listed	Not Listed
9	5858-81-1	Red 6 Lake(CI 15850)	Not Listed	Not Listed
10	5281-04-9	Red 7 Lake(CI 15850)	Not Listed	Not Listed

> Reproductive Toxicity

No information available

> Reproductive Toxicity (Additional)

No information available

> STOT-Single Exposure

May cause drowsiness or dizziness(Category 3)

> STOT-Repeated Exposure

No information available

> Aspiration Hazard

No information available

Section 12 Ecological Information

> Acute Aquatic Toxicity

Component	CAS No.	Fish	Crustaceans	Algae
Bentonite	1302-78-9	LC_{50}: 19000mg/L (96h)(Fish)	No information available	No information available
Isopropyl Alcohol	67-63-0	LC_{50}: 9640mg/L (96h)(Fish)	EC_{50}: >1000mg/L (48h)	ErC_{50}: >1000mg/L (72h)
Butyl acetate	123-86-4	LC_{50}: 81mg/L (96h)(Fish)	No information available	No information available
Ethyl acetate	141-78-6	LC_{50}: 328mg/L (96h)(Fish)	No information available	ErC_{50}: 2500mg/L (96h)

> Chronic Aquatic Toxicity

Component	CAS No.	Fish	Crustaceans	Algae
Isopropyl Alcohol	67-63-0	No information available	NOEC: >100mg/L	NOEC: 1000mg/L

> Others

Persistence and Degradability No information available

Bioaccumulative Potential No information available

Mobility in Soil No information available

Results of PBT and vPvB Assessment

Butyl acetate does not meet the criteria for PBT and vPvB according to Regulation (EC) No 1907/2006, annex XIII.
Ethyl acetate does not meet the criteria for PBT and vPvB according to Regulation (EC) No 1907/2006, annex XIII.
Nitrocellulose does not meet the criteria for PBT and vPvB according to Regulation (EC) No 1907/2006, annex XIII.
Acety tributyl citrate does not meet the criteria for PBT and vPvB according to Regulation (EC) No 1907/2006, annex XIII.
Isopropyl Alcohol does not meet the criteria for PBT and vPvB according to Regulation (EC) No 1907/2006, annex XIII.
Synthetic Fluorphlogopite does not meet the criteria for PBT and vPvB according to Regulation (EC) No 1907/2006, annex XIII.
Ammonium stearate does not meet the criteria for PBT and vPvB according to Regulation (EC) No 1907/2006, annex XIII.
Bentonite does not meet the criteria for PBT and vPvB according to Regulation (EC) No 1907/2006, annex XIII.
Red 6 Lake(CI 15850) does not meet the criteria for PBT and vPvB according to Regulation (EC) No 1907/2006, annex XIII.
Red 7 Lake(CI 15850) does not meet the criteria for PBT and vPvB according to Regulation (EC) No 1907/2006, annex XIII.

Section 13 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 13.1and 13.2.

Section 14 Transport Information

Transporting Label

Marine pollutant	None
UN Number	1263
UN Proper Shipping Name	PAINT
Transport Hazard Class	3
Transport Subsidiary Hazard Class	NONE
Packing Group	Ⅱ

Section 15 Regulatory Information

> International Chemical Inventory

Component	EINECS	TSCA	DSL	IECSC	NZIoC	PICCS	KECI	AICS	ENCS
Butyl acetate	√	√	√	√	√	√	√	√	√
Ethyl acetate	√	√	√	√	√	√	√	√	√
Nitrocellulose	×	√	√	√	√	√	√	√	√
Acety tributyl citrate	√	√	√	√	√	√	√	√	√
Isopropyl Alcohol	√	√	√	√	√	√	√	√	√
Synthetic Fluorphlogopite	√	√	√	√	√	√	√	√	×
Ammonium stearate	√	√	√	√	√	×	√	√	×
Bentonite	√	√	√	√	√	√	√	√	×
Red 6 Lake(CI 15850)	√	√	√	√	√	√	√	√	×
Red 7 Lake(CI 15850)	√	√	√	√	√	√	×	√	√

【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】 Existing and Evaluated Chemical Substances.
【AICS】 Australia Inventory of Chemical Substances.

【ENCS】 Existing And New Chemical Substances.

Note
"√" Indicates that the substance included in the regulations
"×" That no data or included in the regulations

Section 16 Additional Information

Creation Date	2020/08/31
Revision Date	2020/08/31
Reason for Revision	-

> Disclaimer

This Safety Data Sheet (SDS) was prepared according to UN GHS (the 8th revised edition). 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.