



Material Safety Data Sheet

SECTION 1. - PRODUCTS COMPANY INFORMATION

Manufacturer: Guangzhou Jiaji Biotechnology Co.,Ltd

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ADD: Room 714-715, Yubduhui, GreenLand, No.135 Huangyuan Road,
Baiyun, GuangZhou

Product Type: Water based nail polish

SECTION 2-COMPOSITION/INGREDIENTS

COMPOSITION	CAS NO	PERCENTAGE %
POLYURETHANE-1	51852-81-4	94%
PROPYLENE GLYCOL	57-55-6	2.75%
STEARALKONIUM BENTONITE	130501-87-0	2.75%
HYLURONIC ACID	9004-61-9	0.5%
MAY CONTAIN BELOW PIGMENT:		
CI77891	13463-67-7	

CI19140	1934-21-0	
CI77510	14038-43-8	
CI15850	5858-81-1	
CI77019	12001-26-2	
CI77499	12227-89-3	
CI15880	6417-83-0	
CI77742	10101-66-3	
CI77491	1345-25-1	

SECTION 3- HAZARDS IDENTIFICATION

HEALTH HAZARD DATA

EFFECTS OF A SINGLE OVEREXPOSURE

SWALLOWING

NO EVIDENCE OF HARMFUL EFFECTS FROM AVAILABLE INFORMATION.

SKIN ABSORPTION

NO EVIDENCE OF HARMFUL EFFECTS FROM AVAILABLE INFORMATION.

INHALATION

TRACE COMPONENT AND RESIDUAL MONOMER VAPOURS MAY BE

IRRITATING TO THE EYES, MUCOUS MEMBRANE,

RESPIRATORY TRACT,
AND MAY PRODUCE SYMPTOMS OF HEADACHE, NAUSEA IN
POORLY
VENTILATED AREAS.
SKIN CONTACT
PROLONGED CONTACT MAY CAUSE TRANSIENT REDDENING
OF THE
SKIN. EYE CONTACT
DIRECT CONTACT MAY CAUSE EYE IRRITATION.

SECTION 4- FIRST AID MEASURES

SWALLOWING
NO HARMFUL EFFECTS EXPECTED.
INHALATION
NO EMERGENCY CARE ANTICIPATED.
SKIN CONTACT

WASH SKIN WITH SOAP AND WATER UNTIL WATER IS NO
LONGER CLOUDY. IF CLOTHING IS SOAKED, REMOVE AND
WASH BEFORE REUSE.

EYE CONTACT
IMMEDIATELY FLUSH EYES WITH PLENTY OF WATER. GET

MEDICAL

ATTENTION IF IRRITATION PERSISTS.

NOTES TO PHYSICIAN

TOXICOLOGY STUDIES HAVE SHOWN THIS OR SIMILAR

MATERIAL TO

BE OF VERY LOW ACUTE TOXICITY. THERE IS NO SPECIFIC
ANTIDOTE.

TREATMENT OF OVEREXPOSURE SHOULD BE DIRECTED AT
THE

CONTROL OF SYMPTOMS AND THE CLINICAL CONDITION OF
THE PATIENT.

SECTION 5- FIRE-FIGHTING MEASURES

EXTINGUISHING MEDIA

THIS PRODUCT IS A NON-FLAMMABLE AQUEOUS EMULSION.
AFTER

WATER EVAPORATES, THE REMAINING MATERIAL WILL BURN.

USE

ALCOHOL-TYPE OR ALL-PURPOSE-TYPE FOAMS APPLIED BY
MANUFACTURER'S RECOMMENDED TECHNIQUES FOR LARGE
FIRES.

USE CARBON DIOXIDE OR DRY CHEMICAL MEDIA FOR SMALL

FIRES.

EXTINGUISHING MEDIA TO BE AVOIDED

NONE.

SPECIAL FIRE FIGHTING PROCEDURES

NONE.

SPECIAL PROTECTIVE EQUIPMENT FOR FIREFIGHTERS

USE SELF-CONTAINED BREATHING APPARATUS WHEN

FIGHTING FIRES

IN ENCLOSED AREAS.

UNUSUAL FIRE AND EXPLOSION HAZARDS

PRODUCT WILL NOT BURN BUT MAY SPATTER IF

TEMPERATURE

EXCEEDS BOILING POINT OF WATER. DRIED SOLIDS CAN

BURN GIVING OFF OXIDES OF CARBON.

SECTION 6- ACCIDENTAL RELEASE MEASURES

STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED

RESTRICT THE AREA TO ONLY THOSE PERSONNEL NEEDED.

MAJOR

SPILLS SHOULD BE COLLECTED FOR DISPOSAL. MINOR

SPILLS MAY BE

FLUSHED TO SEWER IF PERMITTED BY NATIONAL, STATE AND

LOCAL

REGULATIONS.

SECTION 7- HANDLING AND STORAGE

HANDLING

GENERAL HANDLING PRECAUTIONS

AVOID BREATHING VAPOURS IN TOP OF SHIPPING CONTAINER.

USE

WITH ADEQUATE VENTILATION.

AVOID CONTACT WITH SKIN AND CLOTHING. WASH
THOROUGHLY

AFTER HANDLING.

VENTILATION

GENERAL (MECHANICAL) ROOM VENTILATION IS EXPECTED
TO BE

SATISFACTORY. USE LOCAL EXHAUST IF NEEDED TO
CONTROL MIST

AND VAPOURS.

OTHER PRECAUTIONS

NONE KNOWN.

STORAGE

KEEP CONTAINER CLOSED WHEN NOT IN USE.

SECTION 8- EXPOSURE CONTROLS/PERSONAL PROTECTION

PERSONAL PROTECTION

RESPIRATORY PROTECTION

NONE SHOULD BE REQUIRED. IF NECESSARY, USE

OSHA/NIOSH-

APPROVED RESPIRATORS IN POORLY VENTILATED AREAS.

HAND PROTECTION / PROTECTIVE GLOVES

USE GLOVES IMPERVIOUS TO WATER AND SOAP. EYE

PROTECTION

SAFETY GLASSES

OTHER PROTECTIVE EQUIPMENT

EYE BATH AND SAFETY SHOWER.

SECTION 9- PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE...FLUID

COLOUR...WHITE

ODOUR...MILD

MOLECULAR WEIGHT...MIXTURE

BOILING POINT...100 O C

FREEZING POINT... 0 O C

MELTING POINT...NOT APPLICABLE (AQUEOUS SYSTEM

FLASH POINT...

FLAMMABILITY LIMITS: LOWER: NOT APPLICABLE (AQUEOUS SYSTEM) IN

AIR (% BY VOLUME): UPPER: NOT APPLICABLE (AQUEOUS SYSTEM)

SPECIFIC GRAVITY (H2O=1): 1.1

VAPOUR PRESSURE... ..: SAME AS WATER

VAPOUR DENSITY (AIR=1)..: < 1

EVAPORATION RATE... IS SLOWER THAN BUTYL ACETATE (BUTYL ACETATE = 1)

SOLUBILITY IN WATER: DILUTABLE (% BY WEIGHT)

PERCENT VOLATILES : 87.6 WT % (WATER)

SECTION 10- STABILITY AND REACTIVITY

STABILITY

STABLE.

CONDITIONS TO AVOID

NONE.

INCOMPATIBLE MATERIALS

NONE.

HAZARDOUS COMBUSTION PRODUCTS

CARBON MONOXIDE AND/OR CARBON DIOXIDE.

POLYMERIZATION

WILL NOT OCCUR.

CONDITIONS TO AVOID

NONE.

SECTION 11- TOXICOLOGICAL INFORMATION

ACUTE TOXICOLOGICAL INFORMATION

INFORMATION ON ANALOGOUS PRODUCT SHOWS MINIMAL
TOXICITY

CONCERNS.

OTHER TOXICOLOGICAL INFORMATION

INFORMATION ON ANALOGOUS PRODUCT SHOWS MINIMAL
TOXICITY

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ADDITIONAL INFORMATION

SECTION 12- ECOLOGICAL INFORMATION

PERSISTENCE AND DEGRADABILITY

POLYMER IS NOT BIODEGRADABLE.

ENVIRONMENTAL RISKS

NOT TOXIC TO FISH OR PLANTS.

OTHER INFORMATION

DOES NOT INHIBIT BACTERIA IN WASTE TREATMENT
FACILITIES.

SECTION 13- DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD(S)

RECYCLE OR INCINERATE OR ABSORB WATER AND BURY IN A
SUITABLE LANDFILL WHERE
PERMITTED UNDER APPROPRIATE NATIONAL AND LOCAL
REGULATIONS.

SECTION 14- TRANSPORT INFORMATION

TRANSPORT CLASSIFICATION

ADR/RID....: THIS PRODUCT IS NOT SUBMITTED TO THE ADR
REGULATIONS.

IMDG... .: THIS PRODUCT IS NOT SUBMITTED TO THE IMO
REGULATIONS.

MARPOL.....:

ANNEX II...: NOT EVALUATED AT THIS MOMENT.

ANNEX III.: NOT CLASSIFIED.

ICAO...: THIS PRODUCT IS NOT SUBMITTED TO THE ICAO REGULATIONS.

SECTION 15- REGULATORY INFORMATION

ALL OTHER NATIONAL AND LOCAL REGULATIONS, IF APPLICABLE TO THE USE, TRANSPORT OR DISPOSAL OF THIS PRODUCT, SHOULD BE OBSERVED.

SECTION 16- OTHER INFORMATION

RECOMMENDED USES AND RESTRICTIONS
PLEASE CONSULT THE RELEVANT PRODUCT AND/OR APPLICATION INFORMATION FOR THIS PRODUCT.

REVISED SECTIONS IN THIS ISSUE: ALL SECTIONS IN THIS ISSUE HAS BEEN REVISED.