



Report No.:SHC20100555-02E

## Material Safety Data Sheet

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Suppliers' Name: Hangzhou Bohaifei Technology co., Ltd.

Address: Room 301 302, Floor 3, No.31-1, Fengling Road, Wuchang Street, Yuhang District, Hangzhou, Zhejiang

Product Name: Nail Gel& Polish Remover

Compile Date: Oct 27th, 2020

Edit: ICAS Testing Technology Service(Shanghai) Co., Ltd.

Edit: 吴志梅

Audit:





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## 1. Substance and company identification

**Product name:** Nail gel&polish remover

**Application:** Using for the remover of nail gel and polish.

**Manufacturers' name:** Jinhua Bohaifei Daily Chemical Co., LTD.

**Address:** 39# Xihe Road, Lanjiang Street, Lanxi, Jinhua, Zhejiang

**Post code:** 321100

**Phone number:** 18072859906

**E-mail address:** /

**Emergency number:** /

**Fax:** /

**Contact:** Xu Feiyan

## 2. Hazards identification

**Emergency summary:** Liquid. Highly flammable.

**Hazard classification according to GHS:** According to series standards of Rules for classification and labeling of chemicals (Please refer to 16th chapter of MSDS), hazard classification as following: Flammable Liquids, Category 2; Serious Eye Damage/Irritation, Category 2A; Specific Target organ Toxicity-Single Exposure: Criteria for narcotic effects, Category 3.

**Label elements:** Pictogram:



**Signal word:** Dangerous.



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**Hazard statement:** Highly flammable liquid and vapor. May cause serious eye irritation, dizziness or even damage to health.

**Precautionary statements:** Prevention: Pay attention to ventilation. Wear protective gloves/eye protection cover/face protection cover. Keep away from the inhalation of powder/ smoke/gas/steam/spray. Keep away from heat/spark/open flames/hot surfaces.  
Response: In case of fire: Use water mist, dry powder, foam or carbon dioxide extinguishing agent.  
Storage: Store in a cool and well ventilated warehouse.  
Disposal: Dispose of contents/container according to the local statues.

**Hazard description:** Physical and chemical hazards: Highly flammable liquid and vapor.

**Hazard warning for health:** If eye contact: Normal use does not cause significant harm, and abnormal use may cause eye irritation.

If skin contact: Normal use does not cause significant harm.

If swallowed: May result in oral cavity, esophagus, stomach, digestive tract irritation.

If inhaled: Inhalation of large amounts may stimulate the nasal mucosa and respiratory tract.

**Environmental hazards:** Please refer to 12th chapter of MSDS.

**Hazard category:** No data.

### 3. Product component

Substance		√ Mixture	
Num	Components	CAS NO.	Weight (%)
1	Acetone	67-64-1	~100





#### 4. First-aid measures

**General advice:** Immediate medical attention is required. Show this material safety data sheet (MSDS) to the doctor in attendance.

**Eyes contact:** Separate the eyelids. Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician if felt uncomfortable.

**Skin contact:** Take off contaminated clothing. Wash off with plenty of water. If felt uncomfortable, consult a physician.

**Ingestion:** Do not induce vomiting. Never give anything by mouth to an unconscious person.

**Inhalation:** Move victim into fresh air. If breathing is difficult, give oxygen.

**Protecting of first-aiders:** Remove all sources of ignition and increase ventilation. Avoid contact with eyes. Avoid inhalation of vapor or mist. Use personal protective equipment including respirator.

#### 5. Fire-fighting measures

**Fire hazard:** Highly flammable liquid and vapor. May cause ignition and flash back when exposed to a source of fire. May expansion when heated or involved in fire. Containers may explode when heated.

**Extinguishing media:** Water spray, dry powder, foam and carbon dioxide. Forbid using high-pressure straight water to extinguish the fire to avoid the splashing of high temperature.

**Advice for firefighters:** As in any fire, wear self-contained breathing apparatus and self-contained breathing apparatus. Fight fire upwind. Spray water to keep the fire container cool. Move the container from the fire to the open space as much as possible. If the container in the fire has changed color or produces sound from a safety relief device, it must be evacuated immediately. Prevent fire extinguishing water from contaminating surface water or the ground water system.



## 6. Accidental release measures

**Individual treatment:** Remove all sources of ignition. Define the warning area according to the influence area of liquid and steam. Keep people away from and upwind of spill/leak. Emergency personnel wear positive pressure self-contained breathing apparatus. Wear protective and anti-static clothing. Wear chemical impermeable gloves. Do not touch or walk through spilled material.

**Environmental precautions:** Prevent further leakage or spillage if safe to do so. Discharge into the environment must be avoided.

**Methods for containment:** Small leakage: absorbed by sand, vermiculite or other inert materials. It can also be washed with an emulsion made of nonflammable dispersants, and the washing liquid should be diluted and placed in a waste water system.  
Massive leakage: build a dike or dig a pit. Use the pump to transfer to the tank car or the special collector for recycling or transport to the waste disposal site. The collected liquid should be promptly disposed according to appropriate laws and regulations.

## 7. Handling and storage

**Precaution for handling:** Operators need to be specialized trained and need strictly abide the operating procedures. Handling is performed in a well ventilated place. Avoid direct eye contact and inhalation of steam. Refer to 8th chapter of MSDS for personal protection equipment. Keep away from fire, spark and heat. No smoking in the workplace. Use explosion-proof ventilation systems and equipment. If canning is required, the flow rate should be controlled and a grounding device should be equipped to prevent the accumulation of static electricity. Avoid contact with incompatible materials such as oxidants (refer to 10th chapter). The packaging should be complete and the loading should be secure. Wash hand after using this product. Eating, drinking and smoking are forbidden at the work place. It should be equipped with the appropriate variety and quantity of fire-fighting equipment and leakage emergency treatment equipment. Ensure adequate ventilation.

**Conditions for safe storage:** Keep containers tightly closed. Store in a cool, airy warehouse. Use anti-fire equipment. Stay away from food,





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water and incompatible conditions, like fire, heat source, oxidizing agents and strong acids, alkalis.

## 8. Exposure controls/personal protection

**Occupational Exposure limit values:** China: PC-TWA: No information available;  
PC-STEL: No information available.

**Monitoring methods:** GBZ/T 160.1~GBZ/T 160.81-2004 Determination of toxic substances in workplace air(Series standard).EN 14042 Workplace atmospheres. Guide for the application and use of procedures for the assessment of exposure to chemical and biological agents.

**Engineering control:** Operated at normal temperature and in ventilated place. Separate the operating workplace from other places. Keep the package intact and prevent spillage. Set up emergency exit and necessary risk-elimination area. Set up red area warning lines, warning signs and warning instructions. Ensure that eyewash stations and safety showers are close to the workstation location.

**Personal protection equipment:** Respiratory protection: Use ventilation, local exhaust ventilation equipment or respiratory protection.  
Hand protection: Wear protective gloves when operating.  
Eye protection: Wear safety goggles if necessary.  
Skin and body protection: Wearing protective overalls when operating.  
Hygienic measure: Smoking, eating and drinking water is prohibited at job site. Avoid long-term repeated contact. Change cloth and wash your hands after work.

## 9. Physical and chemical properties

**Physical state:** Pink transparent liquid.

**Odor:** /

**pH:** /

**Flash point (°C):** /

**Boiling point (°C):** /

**Evaporation rate (acetic acid butyl ester= 1):** /



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Upper explosion limit % (V/V): /

Lower explosion limit % (V/V): /

Saturated vapor pressure (kPa): /

Ignition temperature (°C): /

Relative density (water=1): /

Vapor density (air=1): /

#### 10. Stability and reactivity

**Chemical stability:** Stable at normal temperature.

**Incompatible materials:** Strong oxidants, etc.

**Conditions to avoid:** Incompatible materials, high temperature, flame spark and heat, etc.

**Hazardous decomposition products:** Under normal conditions of storage and use, hazardous decomposition products would not be produced.

#### 11. Toxicological information

**Acute toxicity:** LD50(Oral): No data.  
LD50(Inhalation): No data.  
LD50(Dermal): No data.

**Skin irritation/corrosion:** No data.

**Eye irritation/corrosion:** No data.

**Respiratory/skin sensitization:** No data.

**Germ cell mutagenicity:** No data.

**Carcinogenicity:** No data.

**Reproductive toxicity:** No data.

**STOT-single exposure:** May cause drowsiness or dizziness.

**STOT- repeated exposure:** No data.

**Aspiration hazard:** May be dizzy and harmful if swallowed or enters airways.



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#### 12. Ecological information

**Ecological toxicology toxicity:** No information available.

**Persistence and degradability:** No information available.

**Bioaccumulative potential:** No information available.

**Mobility in soil:** No information available.

#### 13. Disposal considerations

**Disposal methods of product:** Recycle if possible. Do not dispose the product by discharging into the sewer.

**Disposal methods of contaminated packaging:** Return to supplier for recycling or dispose in accordance with national and local regulations.

**Disposal consideration:** According to the relevant national and local laws and regulation. Refer to 8th chapter of MSDS for personal protection equipment.

#### 14. Transport information

**UN number:** 1090.

**UN proper shipping name:** Acetone solution.

**Transport hazard class(es):** 3.

**Packing group:** II.

**Packing method:** Packing as recommended by the manufacturer.

**Label:**



**Marine pollution (Yes/No):** N/A.





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**Precautions for transport:** Transportation vehicles should be equipped with the appropriate variety and quantity of fire-fighting equipment and leakage emergency treatment equipment. It is strictly forbidden to mix and transport with alkali, food, etc. During transportation, it should be protected from exposure, rain and high temperature. The packaging should be complete and the loading should be secure. When transporting by road, follow the prescribed route and do not stay in residential areas and densely populated areas. When transporting by railway, slip away should be forbidden.

## 15. Regulatory information

**Safety, health and environmental regulations specific for the product in question:**  
The following laws, regulations and standards have made corresponding provisions on the safe use, storage, transportation, loading and unloading of some chemical components in this product:

1. Catalog of Hazardous Chemicals(2015 Edition), Notice 5th 2015, China State Administration of Work Safety: Listed (CAS No. 67-64-1);
2. Catalog of Priority Hazardous Chemicals for Environment Management, Notice 33th 2014, Ministry of Environmental Protection of PRC.: Not listed;
3. List of Toxic Chemicals Restricted to be Imported/Exported in China, Notice 85th 2013, Ministry of Environmental Protection of PRC. : Not listed;
4. Catalog of Hazardous Chemicals for Priority Management(First and Second batches ), Notice 95th,2011, Notice 12<sup>th</sup>: Not listed.
5. Dangerous Chemicals Directory Used to Manufacture Exploder(2011 Edition), Notice 25th Nov.2011, Ministry of Public Security of PRC1. : Not listed;
6. European Inventory of Existing Commercial Chemical Substances (EINECS): Listed;
7. United States Toxic Substances Control Act (TSCA) Inventory: Listed;
8. Chinese Chemical Inventory of Existing Chemical Substances (China IECSC) : Listed;
9. New Zealand Inventory of Chemicals (NZIoC) : Listed;
10. Philippines Inventory of Chemicals and Chemical Substances (PICCS) : Listed.



## 16. Other information

**Compile date:** Oct 27th, 2020

**References:** 1. GB/T 16483-2008 《Safety data sheet for chemical products – Content and order of sections》 ;  
2. GB/T 17519-2013 《Guidance on the compilation of safety data sheet for chemical products》 ;  
3. IPCS - The International Chemical Safety Cards (ICSC);  
4. IARC - International Agency for Research on Cancer;  
5. eChemPortal - The Global Portal to Information on Chemical Substances by OECD;  
6. CAMEO Chemicals, website;  
7. ERG - Emergency Response Guidebook by U.S. Department of Transportation;  
8. ECHA - European Chemicals Agency;  
9. European Agreement Concerning the International Carriage of Dangerous Goods by Road.

**Organization unite:** ICAS Testing Technology Service(Shanghai) Co., Ltd.

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