



杭州海关技术中心
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正本/ORIGIN

编号: TCH24020085
No: TCH24020085
日期: 2024-08-22
Date: 2024-08-22

ZAIQ-RF(IH)-01-19

Safety Data Sheet

扫描查看在线报告



Applicant name: Jinhua Mingyang Daily Chemical Co., Ltd.

Product Name: NAIL POLISH

Edit date: 2024-08-22

Edit institution: Technology Center of Hangzhou Customs District

Approver:



1. Unless other wise stated, this test report is only responsible for the sample(s).
2. This test report can not be reproduced,except in full,without prior written permission of the lab.



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声 明

DECLARATION

1. 本报告中检测结果仅对样品负责。

The result in this test report is only valid for the tested samples.

2. 本报告无授权人签字、未加盖本机构报告专用章无效。

This report is invalid without authorized signature or the stamp of this organization.

3. 对本报告中检测数据如有异议，请在收到报告后十五天内提出复测申请（部分特殊项目不能复测）。复测以原样为准，复测维持原结论时，由申请方承担复测费。

If there is any dissidence to the test data, the entrusting party shall apply for retesting within 15 days upon receiving this report (Some special item can not be retested). The former tested samples will be used as the retested ones. If the retest results are the same as the former ones, the retest fee will be paid by the entrusting party.

4. 本报告各页均为报告不可分割部分，使用者部分使用检测报告而导致误解或由此造成后果，本机构不承担任何责任。

This report shall be used in integrity. This organization will not be responsible for any misleading caused by the content of this report.

Precautionary Statement Response	<p>P303+P361+P353:IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse affected areas with water[or shower].</p> <p>P304+P340:IF INHALED: Remove person to fresh air and keep comfortable for breathing.</p> <p>P305+P351+P338:IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.</p> <p>P319:Get medical help if you feel unwell.</p> <p>P337+P317:If eye irritation persists: Get medical help.</p> <p>P370+P378:In case of fire, use appropriate media to extinguish.</p>
Precautionary Statement Storage	<p>P403+P233:Store in a well-ventilated place. Keep container tightly closed.</p> <p>P403+P235:Store in a well-ventilated place. Keep cool.</p> <p>P405:Store locked up.</p>
Precautionary Statement Disposal	P501:Dispose of contents/container in according with local regulation.
Other hazards which do not result in classification	Not available.

3. Composition/information on ingredients

Substances

Mixtures

Component Information

Component	CAS number	EINECS number	Mass(%wt)
ETHYL ACETATE	141-78-6	205-500-4	33.4
BUTYL ACETATE	123-86-4	204-658-1	33.00
NITROCELLULOSE	9004-70-0	618-392-2	10.00
ADIPIC ACID / NEOPENTYL GLYCOL / TRIMELLITIC ANHYDRIDE COPOLYMER	28407-73-0	608-203-1	9.80
ISOPROPYL ALCOHOL	67-63-0	200-661-7	5.000
ACETYL TRIBUTYL CITRATE	77-90-7	201-067-0	4.800
STEARALKONIUM BENTONITE	130501-87-0	—	2.000
TITANIUM DIOXIDE	13463-67-7	236-675-5	1
CI 15850 D&C RED 6	5858-81-1	227-497-9	0.5
CI 77266 D&C BLACK 2	1333-86-4	215-609-9	0.3
CI 19140 FD&C YELLOW 5	12225-21-7	235-428-9	0.2

Note:1. Unless a component presents a severe hazard, it does not need to be considered in the SDS if the concentration is less than 1%.

4. First-aid measures

Measures for environmental protection	Prevent further leakage or spillage if safe to do so. Do not allow material to be released to the environment without proper governmental permits.
Measures for cleaning/collecting	Contain spillage, and then collect with non-combustible absorbent material (e.g. sand, earth, diatomaceous earth, vermiculite) and place in suitable container. Clean contaminated surface thoroughly. Large leaks: build a causeway or trenching asylum. Water spray can reduce evaporation, but it cannot reduce the flammability of leakage in a limited space. Transfer to tank truck or special collector with explosion-proof pump, recycle or transport to waste disposal site for disposal.
Additional information	See Section 7 for information on safe handling See section 8 for information on personal protection equipment. See Section 13 for information on disposal.

7. Handling and storage

Handling	
Information for safe handling	Avoid breathing dust/fume/gas/mist/vapours/spray. Keep away from fire during handling. Use spark-proof tools and mechanical equipment. In case of insufficient ventilation, wear suitable respiratory equipment.
Information about protection against explosions and fires	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Take measures to prevent the build up of electrostatic charge. Use explosion-proof ventilation and lighting equipment. Avoid leaks.
STORAGE	
Requirements to be met by storerooms and containers	Store in a cool, dry and well-ventilated place. Keep away from heat and sources of ignition. Keep tightly closed until used. Use of explosion-proof lighting, ventilation facilities.
Information about storage in one common storage facility	Store away from incompatible substances such as strong oxidizing agents, alkalis, strong acids, etc. Avoid sun and rain. Keep away from fire.
Further information about storage conditions	The storage room shall be equipped with corresponding types and quantities of fire fighting equipment, leakage emergency treatment equipment and suitable containment materials.

8. Exposure controls/personal protection

Limit Values for Exposure Component	CAS number	ACGIH TLV-TWA	ACGIH TLV-STEL	NIOSH REL-TWA	NIOSH REL-STEL
ETHYL ACETATE	141-78-6	400 ppm	N.E.	400 ppm	N.E.

14107

BUTYL ACETATE	123-86-4	50 ppm	150 ppm	150 ppm	200 ppm
NITROCELLULOSE	9004-70-0	N.E.	N.E.	N.E.	N.E.
ADIPIIC ACID / NEOPENTYL GLYCOL / TRIMELLITIC ANHYDRIDE COPOLYMER	28407-73-0	N.E.	N.E.	N.E.	N.E.
ISOPROPYL ALCOHOL	67-63-0	N.E.	N.E.	400 ppm	500 ppm
ACETYL TRIBUTYL CITRATE	77-90-7	N.E.	N.E.	N.E.	N.E.
STEARALKONIUM BENTONITE	130501-87- 0	N.E.	N.E.	N.E.	N.E.
TITANIUM DIOXIDE	13463-67-7	0.2mg/m ³	N.E.	N.E.	N.E.
CI 15850 D&C RED 6	5858-81-1	N.E.	N.E.	N.E.	N.E.
CI 77266 D&C BLACK 2	1333-86-4	3 mg/m ³	N.E.	3.5mg/m ³	N.E.
CI 19140 FD&C YELLOW 5	12225-21-7	N.E.	N.E.	N.E.	N.E.
Appropriate engineering controls	Use adequate ventilation to keep airborne concentrations low. Provide safety shower and eyewash facility.				
General protective and hygienic measures	Do not get this material in contact with skin. Do not get this material on clothing. Avoid contact with eyes. Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.				
Personal protective equipment	Breathing apparatus, antistatic overalls, Chemical-resistant protective gloves, splash goggles.				
Breathing equipment	When you may be exposed to its vapor, you should wear a self- contained filter gas mask (half mask). It is recommended to wear an air respirator during emergency rescue or evacuation.				
Protection of hands	Wear appropriate chemical resistant gloves.				
Eye/Face protection	Use safety glasses with side shields or safety goggles as mechanical barrier for prolonged exposure.				
Body protection	Full set of anti chemical reagent overalls, flame retardant antistatic protective clothing, choose body protection according to the amount and concentration of the dangerous substance at the work place.				

Note:1. N.E. not established.

9. Physical and chemical properties

Physical state	Viscous liquid
Colour	Brown
Odour	Characteristic odor
Melting point/freezing point	No data available
Boiling point or initial boiling point and boiling range	>77 °C
Flammability	Highly flammable

Lower and upper explosion limit/ flammability limit	No data available				
Flash point	<23 °C (Closed cup)				
Auto-ignition temperature	No data available				
Decomposition temperature	No data available				
pH	No data available				
Kinematic viscosity	No data available				
Solubility	No data available				
Partition coefficient: n-octanol/water(log value)	No data available				
Vapour pressure	No data available				
Density and/or relative density (water=1)	No data available				
Relative vapour density (air=1)	No data available				
Particle characteristics	Not applicable				
10. Stability and reactivity					
Reactivity	No data available.				
Chemical stability	Stable under recommended storage conditions.				
Possibility of hazardous reactions	No data available.				
Conditions to avoid (e.g. static discharge, shock or vibration)	Heat and flame and spark. The extreme temperatures and direct sunlight. Static discharge.				
Incompatible materials	Strong oxidizing agents, alkalis, strong acids, etc.				
Hazardous decomposition products	The decomposition products depend on temperature, air supply and other substances. Decomposition products may include but are not limited to: carbon oxides, nitrogen oxides, irritating and toxic fumes and gases.				
11. Toxicological information					
<p>This product is a preparation for which no toxicological data exists. When available, toxicological data for the product's hazardous ingredients are provided below.</p> <p>Routes of Entry: Dermal contact, eye contact, inhalation, ingestion.</p> <p>Acute Toxicity</p> <table border="0"> <tr> <td>ETHYL ACETATE (CAS 141-78-6)</td> <td>LD50 (Oral, rat): 5620 mg/kg LC50 (Inhalation, mouse): 58 mg/l (8 h) LD50 (Dermal, rabbit): >20000 mg/kg</td> </tr> <tr> <td>BUTYL ACETATE (CAS 123-86-4)</td> <td>LD50 (Oral, rat): 10760 mg/kg LC50 (Inhalation, rat): N/A LD50 (Dermal, rabbit): 14112 mg/kg</td> </tr> </table>		ETHYL ACETATE (CAS 141-78-6)	LD50 (Oral, rat): 5620 mg/kg LC50 (Inhalation, mouse): 58 mg/l (8 h) LD50 (Dermal, rabbit): >20000 mg/kg	BUTYL ACETATE (CAS 123-86-4)	LD50 (Oral, rat): 10760 mg/kg LC50 (Inhalation, rat): N/A LD50 (Dermal, rabbit): 14112 mg/kg
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BUTYL ACETATE (CAS 123-86-4)	LD50 (Oral, rat): 10760 mg/kg LC50 (Inhalation, rat): N/A LD50 (Dermal, rabbit): 14112 mg/kg				

ISOPROPYL ALCOHOL (CAS 67-63-0)	LD50 (Oral, rat): 5045 mg/kg LC50 (Inhalation, rat): 37.5 mg/l (4 h) LD50 (Dermal, rabbit): 12800 mg/kg
Skin corrosion/Irritation Serious	Not classified eye Causes serious eye irritation.
damage/irritation Respiratory or sensitization	skin Not classified
Germ cell mutagenicity	Not classified
Carcinogenicity	Not classified
Reproductive toxicity	Not classified
STOT-single exposure	May cause drowsiness or dizziness.
STOT-repeated exposure	Not classified
Aspiration hazard	Not classified
Chronic Effects	Not classified
Further Information	None.
12. Ecological information	
Ecotoxicity Aquatic Toxicity	<p>ETHYL ACETATE (CAS 141-78-6) Test & Species 96 Hr LC50 fish: 230 mg/l 48 Hr EC50 Daphnia: 717 mg/l 72 Hr EC50 Algae: N/A</p> <p>BUTYL ACETATE (CAS 123-86-4) Test & Species 96 Hr LC50 fish: 18 mg/l 48 Hr EC50 Daphnia: 44 mg/l 72 Hr EC50 Algae: N/A</p> <p>ISOPROPYL ALCOHOL (CAS 67-63-0) Test & Species 96 Hr LC50 fish: 9640 mg/L 48 Hr EC50 Daphnia: 13299 mg/l 72 Hr EC50 Algae: N/A</p> <p>ACETYL TRIBUTYL CITRATE (CAS 77-90-7) Test & Species 96 Hr LC50 fish: 38 - 60 mg/l 48 Hr EC50 Daphnia: N/A 72 Hr EC50 Algae: 11.5 mg/l</p>
Persistence and degradability	Not available
Bioaccumulative potential	Not available
Mobility in soil	Not available
Additional Information	Improper handling can damage the environment.

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13. Disposal considerations

WASTE DISPOSAL INSTRUCTIONS

Contact a qualified professional waste disposal service to dispose of this material.
 Dispose of in accordance with local environmental regulations or local authority requirements.

14. Transport information

The Recommendation of Transport of Dangerous Goods(TDG)

UN Number	UN 1263
Proper Shipping Name	PAINT
Class/Division	Class 3 Flammable Liquids
Package Group	PG II
Subsidiary risk	—
labelling pictogram	



Maritime transport IMDG	Being same with TDG
	Marine pollutant (Yes/No): No
Air transport ICAO-TI and IATA-DGR	Being same with TDG

15. Regulatory information

European/International Regulations

OSHA:	Hazardous by definition of Hazard Communication Standard (29CFR 1910.1200).
EINECS Status:	The main components of this chemical (Except NITROCELLULOSE, ADIPIC ACID / NEOPENTYL GLYCOL / TRIMELLITIC ANHYDRIDE COPOLYMER, STEARALKONIUM BENTONITE) are included in EINECS inventory.
EPA TSCA Status:	The main components of this chemical (Except STEARALKONIUM BENTONITE) are included in TSCA inventory.
Canadian DSL (Domestic Substances List):	The main components of this chemical (Except STEARALKONIUM BENTONITE) are included in DSL.
HMIS (Hazardous Material Identification System Ratings):	Health: 2 Flammability: 3 Physical hazard: 0 Personal protection: H (4. Severe Hazard; 3. Serious Hazard; 2. Moderate Hazard; 1. Slight Hazard; 0. Minimal Hazard)

WHMIS (Canadian Workplace Hazardous Material Identification System Ratings):	B2, D2B(ETHYL ACETATE, ISOPROPYL ALCOHOL); B2(BUTYL ACETATE)
GB 12268-2012 List of dangerous goods	This product is a dangerous goods on the GB 12268-2012 list of dangerous goods.

16. other information

Employers should use this information only as a supplement to other information gathered by them, and should make independent judgement of suitability of this information to ensure proper use and protect the health and safety of employees. This information is furnished without warranty, and any use of the product not in conformance with this Material Safety Data Sheet, or in combination with any other product or process, is the responsibility of the user.

This Material Safety Data Sheet was based on the "Globally Harmonized System of Classification and Labelling of Chemicals", "Recommendations on the TRANSPORT OF DANGEROUS GOODS Model Regulations", "INTERNATIONAL MARITIME DANGEROUS GOODS CODE", "International Air Transport Association Dangerous Goods Regulations", the National Standards and other related dangerous chemicals management laws, regulations and standards, which are periodically updated and changed. To make dangerous goods / hazardous chemicals comply with the relevant requirements of the latest management, regularly update is recommended.

This Material Safety Data Sheet has been compiled in both English and Chinese. For any discrepancies, the Chinese version shall prevail.

Abbreviations and acronyms

ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road
 RID: Regulations Concerning the International Transport of Dangerous Goods by Rail
 IMDG: International Maritime Code for Dangerous Goods
 IATA-DGR: Dangerous Goods Regulations by the "International Air Transport Association" (IATA)
 ICAO-TI: Technical Instructions by the "International Civil Aviation Organization" (ICAO)
 EINECS: European Inventory of Existing Commercial Chemical Substances
 CAS: Chemical Abstracts Service
 LC50: Lethal concentration, 50 percent
 LD50: Lethal dose, 50 percent
 EC50: Effective concentration, 50 percent

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Revised Institution Technology Center of Hangzhou Customs District