



SDS Service Summary

No.: CANCPCH24002759103

Date: 28 Feb 2024

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SGS Job No. : GZCPCH24000761
Product Name : Floor Cleaner
Supplier : YUNJING INTELLIGENCE INNOVATION (SHENZHEN) CO., LTD.
Manufacturer : GUANGZHOU XUELEI COSMETIC 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 : 19 Feb 2024
SDS Preparation Period : 19 Feb 2024-26 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 US Hazard Communication Standard 29 CFR 1910.1200.

Summary : As per request, the contents and formats of the SDS are prepared in accordance with US Hazard Communication Standard 29 CFR 1910.1200, and is provided per attached.

Disclaimer

This Safety Data Sheet (SDS) is provided to applicant to fulfill US Hazard Communication Standard 29 CFR 1910.1200 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.

Jany Zhong
Project Engineer

Safety Data Sheet

29 CFR 1910.1200

Printing date 02/27/2024

Version number 1


Reviewed on 02/26/2024


1 Identification

- **Product identifier**
- **Trade name:** Floor Cleaner
- **Recommended use of the chemical and restrictions on use:**
- **Application of the substance / the preparation:** Floor Cleaning
- **Details of the supplier of the safety data sheet**
- **Manufacturer/Supplier:** YUNJING INTELLIGENCE INNOVATION (SHENZHEN) CO., LTD.
- **Full address:**
ROOM A2901, YUNZHONGCHENG, BUILDING 1, VANKE YUNCHENG VI, DASHI 2ND ROAD, XILI COMMUNITY, XILI STREET, NANSHAN DISTRICT, SHENZHEN, GUANGDONG, CHINA
- **Phone number:** 0755-26928520
- **Email:** support@narwal.com
- **Other U.S. contact point:** Not available
- **Further information obtainable from:** YUNJING INTELLIGENCE INNOVATION (SHENZHEN) CO., LTD.
- **Emergency telephone number:**
Poison Center
Tel: +1 800 222 1222

- Rena Yan
(+86) 15889312514
- **Reference Number:** CANCPCH24002759103,GZCPCH24000761

2 Hazard(s) identification

- **Classification of the substance or mixture**
Classification according to OSHA Hazard Communication Standard (29 CFR 1910.1200).
- 
 GHS02 Flame

 Flammable Liquids 2 H225 Highly flammable liquid and vapor.
- **Information concerning particular hazards for human and environment:**
The product has to be labeled due to the calculation procedure of OSHA Hazard Communication Standard (29 CFR 1910.1200).
- **Classification system:**
The classification is according to the latest edition of OSHA Hazard Communication Standard (29 CFR 1910.1200), and extended by company and literature data.
- **Label elements**
- **Labelling according to OSHA Hazard Communication Standard (29 CFR 1910.1200)**
- **Hazard pictograms**
- 

GHS02
- **Signal word** Danger
- **Hazard-determining components of labeling:** Not applicable
- **Hazard statements**
H225 Highly flammable liquid and vapor.
- **Precautionary statements**

P210	Keep away from heat/sparks/open flames/hot surfaces. - No smoking.
P233	Keep container tightly closed.
P240	Ground/bond container and receiving equipment.

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- P241 Use explosion-proof electrical/ventilating/lighting/equipment.
 P242 Use only non-sparking tools.
 P243 Take precautionary measures against static discharge.
 P280 Wear protective gloves/protective clothing/eye protection/face protection.
 P303+P361+P353 If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.
 P370+P378 In case of fire: Use CO₂, powder or water spray to extinguish.
 P403+P235 Store in a well-ventilated place. Keep cool.
 P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

· **Hazards not otherwise classified (HNOC)** No further relevant information available.

3 Composition/information on ingredients

· **Chemical characterization: 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	Water	80.076736-90.09592%
CAS: 64366-70-7	2-((1-((2-ethylhexyl)poly-oxy)poly-propan-2-yl)oxy)ethanol	3-5%
CAS: 64-17-5	Ethanol	1-5%
	⚠ Flammable Liquids 2, H225	
CAS: 100-79-8	2,2-dimethyl-1,3-dioxolan-4-ylmethanol	1-5%
	⚠ Eye Irritation 2A, H319; Flam. Liq. 4, H227	
CAS: 9003-11-6	Oxirane, 2-methyl-, polymer with oxirane	2-3%
CAS: 110-98-5	1,1'-oxydipropan-2-ol	0.13-0.325%
CAS: 6132-04-3	1,2,3-Propanetricarboxylic acid, 2-hydroxy-, trisodium salt, dihydrate	0.1-0.2%
CAS: 24851-98-7	Methyl 3-oxo-2-pentylcyclopentaneacetate	0.01-0.025%
CAS: 78-70-6	Linalool	0.008-0.02%
	⚠ Sensitization - Skin 1B, H317; Flam. Liq. 4, H227	
CAS: 25956-17-6	Disodium 6-hydroxy-5-[(2-methoxy-4-sulphonato-m-tolyl)azo]naphthalene-2-sulphonate	0.004-0.007%
CAS: 1934-21-0	Trisodium 5-hydroxy-1-(4-sulphophenyl)-4-(4-sulphophenylazo)pyrazole-3-carboxylate	0.002-0.004%
CAS: 10377-60-3	Magnesium nitrate	0.0016-0.002%
	⚠ Oxidizing Solids 3, H272	
CAS: 26172-55-4	5-chloro-2-methyl-2H-isothiazol-3-one	0.000888-0.00111%
	⚠ Acute Toxicity - Oral 3, H301; Acute Toxicity - Dermal 2, H310; Acute Toxicity - Inhalation 2, H330; ⚠ Skin Corrosion 1C, H314; Eye Damage 1, H318; ⚠ Sensitization - Skin 1A, H317	
CAS: 7786-30-3	Magnesium chloride	0.00048-0.0006%
CAS: 2682-20-4	2-methylisothiazol-3(2H)-one	0.000304-0.00037%
	⚠ Acute Toxicity - Oral 3, H301; Acute Toxicity - Dermal 3, H311; Acute Toxicity - Inhalation 2, H330; ⚠ Skin Corrosion 1B, H314; Eye Damage 1, H318; ⚠ Sensitization - Skin 1A, H317	

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4 First-aid measures

- **Description of first aid measures**
- **General description:** Immediately remove any clothing soiled by the product.
- **After inhalation:** Supply fresh air; consult doctor in case of complaints.
- **After skin contact:** Immediately rinse with water.
- **After eye contact:** Rinse opened eye for several minutes under running water.
- **After swallowing:** If symptoms persist consult doctor.
- **Most important symptoms and effects, both acute and delayed** No further relevant information available.
- **Indication of any immediate medical attention and special treatment needed**
No further relevant information available.

5 Fire-fighting measures

- **Suitable extinguishing agents:**
CO₂ extinguishing powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
- **Special hazards arising from the substance or mixture:** No further relevant information available.
- **Special protective equipment and precautions for firefighters**
- **Protective equipment:** No special measures required.

6 Accidental release measures

- **Personal precautions, protective equipment and emergency procedures:**
Wear protective equipment. Keep unprotected persons away.
- **Environmental precautions:**
Dilute with plenty of water.
Do not allow to enter sewers/ surface or ground water.
- **Methods and material for containment and cleaning up:**
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
Dispose contaminated material as waste according to section 13.
Ensure adequate ventilation.

7 Handling and storage

- **Precautions for safe handling:** For the general occupational hygienic measures refer to Section 8.
- **Information about protection against explosions and fires:**
Keep ignition sources away - Do not smoke.
Protect against electrostatic charges.
- **Conditions for safe storage, including any incompatibilities**
- **Requirements to be met by storerooms and receptacles:** Store in a cool location.
- **Information about storage in one common storage facility:** Store away from foodstuffs.
- **Further information about storage conditions:**
Keep receptacle tightly sealed.
Store in cool, dry conditions in well sealed receptacles.

8 Exposure controls/personal protection

- **Components with limit values that require monitoring at the workplace:**

CAS: 64-17-5 Ethanol (1-5%)

PEL (USA) Long-term value: 1900 mg/m³, 1000 ppm

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REL (USA)	Long-term value: 1900 mg/m ³ , 1000 ppm
TLV (USA)	Short-term value: 1000 ppm A3

- **Regulatory information**

PEL (USA): Guide to Occupational Exposure Values (OSHA PELs)

REL (USA): Guide to Occupational Exposure Values (NIOSH RELs)

TLV (USA): Guide to Occupational Exposure Values (TLV)

- **Additional information:** The lists that were valid during the creation were used as basis.

- **Based on the composition shown in Section 3, the following measures are suggested for occupational safety measure.**

- **Appropriate engineering controls:**

Immediately remove all soiled and contaminated clothing.

Wash hands before breaks and at the end of work.

See Section 7 for information about design of technical facilities.

- **Individual protection measures, such as personal protective equipment**

- **Breathing equipment:** Not required.

- **Hand protection:**



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/face protection:**



Tightly sealed goggles

9 Physical and chemical properties

- **General Information**

- **Appearance:**

Form: Liquid

Color: Orange-red

- **Odor:** Orange Fragrance

- **Odor threshold:** Not available

- **pH-value:** Not available

- **Change in condition**

Melting point/Freezing point: Not available

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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
· Lower and upper explosion limit	
Lower:	Not available
Upper:	Not available
· Vapor pressure:	Not available
· Density:	Not available
· Relative density:	Not available
· Vapor 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
· Other information	No further relevant information available.

10 Stability and reactivity

- **Reactivity:** No further relevant information available.
- **Chemical stability:** No further relevant information available.
- **Possibility of hazardous reactions:** No dangerous reactions known.
- **Conditions to avoid:** No further relevant information available.
- **Incompatible materials:** No further relevant information available.
- **Hazardous decomposition products:** No dangerous decomposition products known.

11 Toxicological information

- **Acute toxicity:**

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

CAS: 64-17-5 Ethanol

Oral	LD50	7,060 mg/kg (rat)
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Inhalative	LC50/4 h	20,000 mg/l (rat)
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CAS: 100-79-8 2,2-dimethyl-1,3-dioxolan-4-ylmethanol

Oral	LD50	7,000 mg/kg (rat)
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CAS: 110-98-5 1,1'-oxydipropan-2-ol

Oral	LD50	14,850 mg/kg (rat)
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CAS: 24851-98-7 Methyl 3-oxo-2-pentylcyclopentaneacetate

Oral	LD50	>5,000 mg/kg (rat)
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CAS: 10377-60-3 Magnesium nitrate

Oral	LD50	5,440 mg/kg (rat)
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CAS: 7786-30-3 Magnesium chloride

Oral	LD50	4,700 mg/kg (mouse)
		2,800 mg/kg (rat)

- **Skin corrosion/irritation:** Irritating effect possible.
- **Serious eye damage/irritation:** Irritating effect possible.
- **Respiratory or skin sensitization:** Sensitization possible.

- **Additional toxicological information:**

- **Carcinogenic categories**

- **IARC (International Agency for Research on Cancer)**

None of the ingredients is listed.

- **NTP (National Toxicology Program)**

None of the ingredients is listed.

- **OSHA-Ca (Occupational Safety & Health Administration)**

None of the ingredients is listed.

12 Ecological information

- **Toxicity**
- **Aquatic toxicity:** No further relevant information available.
- **Persistence and degradability:** No further relevant information available.
- **Bioaccumulative potential:** No further relevant information available.
- **Mobility in soil:** No further relevant information available.
- **Other adverse effects** No further relevant information available.

13 Disposal considerations

- **Waste treatment methods**
- **Recommendation:**
Must not be disposed of together with household garbage. Do not allow product to reach sewage system.
- **Uncleaned packagings:**
- **Recommendation:** Disposal must be made according to official regulations.
- **Recommended cleansing agent:** Water, if necessary with cleansing agents.

14 Transport information

- | | |
|----------------------------------|-------------------------------------|
| · UN-Number | |
| · DOT, IMDG, IATA | UN1993 |
| · UN proper shipping name | |
| · DOT | Flammable liquids, n.o.s. (Ethanol) |
| · IMDG, IATA | FLAMMABLE LIQUID, N.O.S. (Ethanol) |

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· **Transport hazard class(es)**· **DOT**

· **Class** 3 Flammable liquids
 · **Label** 3

· **IMDG, IATA**

· **Class** 3 Flammable liquids
 · **Label** 3

· **Packing group**· **DOT, IMDG, IATA** II· **Environmental hazards:**· **Marine pollutant:** No· **Special precautions for user** Warning: Flammable liquids· **EMS Number:** F-E,S-E· **Stowage Category** B

· **Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code** Not applicable

· **Transport/Additional information:**· **DOT**

· **Quantity limitations** On passenger aircraft/rail: 5 L
 On cargo aircraft only: 60 L

· **IMDG**· **Limited quantities (LQ)** 1L· **Excepted quantities (EQ)** Code: E2

Maximum net quantity per inner packaging: 30 ml

Maximum net quantity per outer packaging: 500 ml

· **UN "Model Regulation":** UN 1993 FLAMMABLE LIQUID, N.O.S. (ETHANOL), 3, II

15 Regulatory information

· **Safety, health and environmental regulations/legislation specific for the substance or mixture**· **Sara**· **Section 355 (extremely hazardous substances):**

None of the ingredients is listed.

· **Section 313 (Specific toxic chemical listings):**

None of the ingredients is listed.

· **TSCA (Toxic Substances Control Act):**

7732-18-5 Water

ACTIVE

64366-70-7 2-((1-((2-ethylhexyl)poly-oxy)poly-propan-2-yl)oxy)ethanol

ACTIVE

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64-17-5	Ethanol	ACTIVE
100-79-8	2,2-dimethyl-1,3-dioxolan-4-ylmethanol	ACTIVE
9003-11-6	Oxirane, 2-methyl-, polymer with oxirane	ACTIVE
110-98-5	1,1'-oxydipropan-2-ol	ACTIVE
24851-98-7	Methyl 3-oxo-2-pentylcyclopentaneacetate	ACTIVE
78-70-6	Linalool	ACTIVE
25956-17-6	Disodium 6-hydroxy-5-[(2-methoxy-4-sulphonato-m-tolyl)azo]naphthalene-2-sulphonate	ACTIVE
1934-21-0	Trisodium 5-hydroxy-1-(4-sulphophenyl)-4-(4-sulphophenylazo)pyrazole-3-carboxylate	ACTIVE
10377-60-3	Magnesium nitrate	ACTIVE
26172-55-4	5-chloro-2-methyl-2H-isothiazol-3-one	ACTIVE
7786-30-3	Magnesium chloride	ACTIVE
2682-20-4	2-methylisothiazol-3(2H)-one	ACTIVE

· Proposition 65**· Chemicals known to cause cancer:**

None of the ingredients is listed.

· Chemicals known to cause reproductive toxicity for females:

None of the ingredients is listed.

· Chemicals known to cause reproductive toxicity for males:

None of the ingredients is listed.

· Chemicals known to cause developmental toxicity:

64-17-5 Ethanol

· New Jersey Right-to-Know List:

64-17-5 Ethanol

10377-60-3 Magnesium nitrate

· New Jersey Special Hazardous Substance List:

64-17-5 Ethanol

CA, MU, TE, F3

· Pennsylvania Right-to-Know List:

64-17-5 Ethanol

10377-60-3 Magnesium nitrate

· Pennsylvania Special Hazardous Substance List:

None of the ingredients is listed.

· Cancerogenity categories**· EPA (Environmental Protection Agency)**

None of the ingredients is listed.

· TLV (Threshold Limit Value)

64-17-5 Ethanol

A3

· NIOSH-Ca (National Institute for Occupational Safety and Health)

None of the ingredients is listed.

16 Other information**· Relevant hazard statements**

H225 Highly flammable liquid and vapor.

H227 Combustible liquid.

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H272 May intensify fire; oxidizer.
 H301 Toxic if swallowed.
 H310 Fatal in contact with skin.
 H311 Toxic in contact with skin.
 H314 Causes severe skin burns and eye damage.
 H317 May cause an allergic skin reaction.
 H318 Causes serious eye damage.
 H319 Causes serious eye irritation.
 H330 Fatal if inhaled.

· *****
 The contents and format of this SDS are in accordance with 29 CFR 1910.1200.

DISCLAIMER OF LIABILITY

The information in this SDS was obtained from sources which we believe are reliable. However, the information is provided without any warranty, express or implied, regarding its correctness. The conditions or methods of handling, storage, use or disposal of the product are beyond our control and may be beyond our knowledge. For this and other reasons, we do not assume responsibility and expressly disclaim liability for loss, damage or expense arising out of or in any way connected with the handling, storage, use or disposal of the product. This SDS was prepared and is to be used only for this product. If the product is used as a component in another product, this SDS information may not be applicable.

· **Date of preparation / last revision** 02/27/2024

· Abbreviations and acronyms:

IMDG: International Maritime Code for Dangerous Goods
 DOT: US Department of Transportation
 IATA: International Air Transport Association
 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)
 LC50: Lethal concentration, 50 percent
 LD50: Lethal dose, 50 percent
 NIOSH: National Institute for Occupational Safety
 OSHA: Occupational Safety & Health
 Flammable Liquids 2: Flammable liquids – Category 2
 Flam. Liq. 4: Flammable liquids – Category 4
 Oxidizing Solids 3: Oxidizing solids – Category 3
 Acute Toxicity - Oral 3: Acute toxicity – Category 3
 Acute Toxicity - Dermal 2: Acute toxicity – Category 2
 Skin Corrosion 1B: Skin corrosion/irritation – Category 1B
 Skin Corrosion 1C: Skin corrosion/irritation – Category 1C
 Eye Damage 1: Serious eye damage/eye irritation – Category 1
 Eye Irritation 2A: Serious eye damage/eye irritation – Category 2A
 Sensitization - Skin 1A: Skin sensitisation – Category 1A
 Sensitization - Skin 1B: Skin sensitisation – Category 1B

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