

SAFETY DATA SHEETS

According to American OSHA Hazard Communication Standard 2012 (29 CFR 1910.1200)

Version: 1.0
Creation Date: Jan. 10, 2023
Revision Date: Jan. 10, 2023

1. Identification

1.1 Product identifier

Product name Yoniev Cleaning Solution for Hard Floors

1.2 Other means of identification

Product number -
Other names -

1.3 Recommended use of the chemical and restrictions on use

Identified uses Clean for the floor
Uses advised against no data available

1.4 Details of the supplier of the safety data sheet

Company Jiangxi Enhany New Materials Co.,Ltd
Address Xinghuo Industrial Park, Yongxiu County, Jiujiang City, Jiangxi Province, P.R.China
Telephone +86-792-3161678

1.5 Emergency phone number

Emergency phone number +86-792-3161678
Service hours Monday to Friday, 9am-5pm (Standard time zone: UTC/GMT +8 hours).

2. Hazard(s) identification

2.1 GHS Classification in accordance with 29 CFR 1910 (OSHA HCS)

Not classified

2.2 GHS label elements, including precautionary statements

Hazard pictogram(s) no data available
Signal word no data available
Hazard statement(s) no data available
Precautionary statement(s)
Prevention no data available
Response no data available
Storage no data available
Disposal no data available

2.3 Hazards not otherwise classified (HNOC) or not covered by GHS

no data available

3. Composition/information on ingredients

3.1 Substances

not applicable

3.2 Mixtures

Chemical name	Common names and synonyms	CAS number	EC number	% [weight]
Water	Water	7732-18-5	231-791-2	>96.44%
2-methyloxirane	Polyethylene-polypropylene glycol	9003-11-6	618-355-0	<2%
Tetrasodium ethylenediaminetetraacetate	Tetrasodium ethylene diamine tetraacetate	64-02-8	200-573-9	<0.5%
Disodium dihydrogen ethylenediaminetetraacetate	Disodium EDTA	139-33-3	205-358-3	<0.5%
Zinc diricinoleate	Zinc diricinoleate	13040-19-2	235-911-4	<0.5%
-	Fragrance	Mixture	Mixture	<0.05%
1,2-benzisothiazol-3(2H)-one	1,2-benzisothiazol-3(2H)-one	2634-33-5	220-120-9	<0.003%

4. First-aid measures

4.1 Description of necessary first-aid measures

Following inhalation

Move the victim into fresh air. If breathing is difficult, give oxygen. If not breathing, give artificial respiration and consult a doctor immediately. Do not use mouth to mouth resuscitation if the victim ingested or inhaled the chemical.

Following skin contact

Take off contaminated clothing immediately. Wash off with soap and plenty of water. Consult a doctor.

Following eye contact

Rinse with pure water for at least 15 minutes. Consult a doctor.

Following ingestion

Rinse mouth with water. Do not induce vomiting. Never give anything by mouth to an unconscious person. Call a doctor or Poison Control Center immediately.

4.2 Most important symptoms/effects, acute and delayed

no data available

4.3 Indication of immediate medical attention and special treatment needed, if necessary

no data available

5. Fire-fighting measures

5.1 Suitable extinguishing media

Use dry chemical, carbon dioxide or alcohol-resistant foam.

5.2 Specific hazards arising from the chemical

Hazardous combustion products

no data available

5.3 Special protective equipment and precautions for fire-fighters

Wear self-contained breathing apparatus for firefighting if necessary.

6. Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Avoid dust formation. Avoid breathing mist, gas or vapors. Avoid contacting with skin and eye. Use personal protective equipment. Wear chemical impermeable gloves. Ensure adequate ventilation. Remove all sources of ignition. Evacuate personnel to safe areas. Keep people away from and upwind of spill/leak.

6.2 Environmental precautions

Prevent further spillage or leakage if it is safe to do so. Do not let the chemical enter drains. Discharge into the environment must be avoided.

6.3 Methods and materials for containment and cleaning up

Collect and arrange disposal. Keep the chemical in suitable and closed containers for disposal. Remove all sources of ignition. Use spark-proof tools and explosion-proof equipment. Adhered or collected material should be promptly disposed of, in accordance with appropriate laws and regulations.

7. Handling and storage

7.1 Precautions for safe handling

Handling in a well ventilated place. Wear suitable protective clothing. Avoid contact with skin and eyes. Avoid formation of dust and aerosols. Use non-sparking tools. Prevent fire caused by electrostatic discharge steam.

7.2 Conditions for safe storage, including any incompatibilities

Store the container tightly closed in a dry, cool and well-ventilated place. Store apart from foodstuff containers or incompatible materials.

8. Exposure controls/personal protection

8.1 Control parameters

Occupational Exposure limit values

no data available

Biological limit values

no data available

8.2 Appropriate engineering controls

Ensure adequate ventilation. Handle in accordance with good industrial hygiene and safety practice. Set up emergency exits and the risk-elimination area.

8.3 Individual protection measures, such as personal protective equipment (PPE)

Eye/face protection

Wear tightly fitting safety goggles with side-shields conforming to EN 166(EU) or NIOSH (US).

Skin protection

Wear fire/flame resistant and impervious clothing. Handle with gloves. Gloves must be inspected prior to use. Wash and dry hands. The selected protective gloves have to satisfy the specifications of EU Directive 89/686/EEC and the standard EN 374 derived from it.

Body Protection

Complete suit protecting against chemicals, The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

Respiratory protection

If the exposure limits are exceeded, irritation or other symptoms are experienced, use a full-face respirator.

9. Physical and chemical properties

Appearance	Liquid.
Odor	Floral
Odor threshold	no data available
pH	7~9
Melting point/freezing point	no data available
Initial boiling point and boiling range	no data available
Flash point	no data available
Evaporation rate	no data available
Flammability	no data available
Upper/lower flammability or explosive limits	no data available
Vapor pressure	no data available
Vapor density	no data available
Relative density	0.9850~1.0150
Solubility(ies)	Water soluble
Partition coefficient n-octanol/water	no data available
Auto-ignition temperature	no data available
Decomposition temperature	no data available
Viscosity	<25 cps

10. Stability and reactivity

10.1 Reactivity

no data available

10.2 Chemical stability

no data available

10.3 Possibility of hazardous reactions

no data available

10.4 Conditions to avoid

no data available

10.5 Incompatible materials

no data available

10.6 Hazardous decomposition products

no data available

11. Toxicological information

Acute toxicity

- Oral: pure CAS 64-02-8: LD50 - rat (male) - 1 913 mg/kg bw.;pure CAS 139-33-3: LD50 - rat (male/female) - 2 800 mg/kg bw.;pure CAS 2634-33-5: LD50 Rat oral 1020 mg/kg
- Inhalation: pure CAS 64-02-8: LOAEC - rat (male) - ca. 30 mg/m³ air.;pure CAS 139-33-3: LOAEC - rat (male) - ca. 30 mg/m³ air.
- Dermal: no data available

Skin corrosion/irritation

no data available

Serious eye damage/irritation

no data available

Respiratory or skin sensitization

no data available

Germ cell mutagenicity

no data available

Carcinogenicity

no data available

Reproductive toxicity

no data available

STOT-single exposure

pure CAS 64-02-8: The substance is irritating to the eyes.

STOT-repeated exposure

no data available

Aspiration hazard

pure CAS 64-02-8: A harmful concentration of airborne particles can be reached quickly when dispersed.

12. Ecological information

12.1 Toxicity

- Toxicity to fish: pure CAS 64-02-8: LC50 - Lepomis macrochirus - 41 mg/L - 96 h.;pure CAS 139-33-3: LC50 - Lepomis macrochirus - 41 mg/L - 96 h.;pure CAS 2634-33-5: LC50; Species: Lepomis macrochirus (Bluegill) length 29 mm; Conditions: freshwater, flow through; Concentration: 540 ug/L for 96 hr (95% confidence interval: 350-820 ug/L) /93.2% purity
- Toxicity to daphnia and other aquatic invertebrates: pure CAS 64-02-8: EC50 - Daphnia magna - 140 mg/L - 48 h.;pure CAS 139-33-3: EC50 - Daphnia magna - 610 mg/L - 24 h.;pure CAS 2634-33-5: EC50; Species: Daphnia magna (Water Flea) age <24 hr; Conditions: freshwater, flow through; Concentration: 3700 ug/L for 48 hr (95% confidence interval: 2900-4600 ug/L); Effect: intoxication, immobilization /89.8% purity
- Toxicity to algae: pure CAS 64-02-8: EC50 - Pseudokirchneriella subcapitata (previous names: Raphidocelis subcapitata, Selenastrum capricornutum) - > 100 mg/L - 72 h.;pure CAS 139-33-3: EC50 - Pseudokirchneriella subcapitata (previous names: Raphidocelis subcapitata, Selenastrum capricornutum) - > 100 mg/L - 72 h.
- Toxicity to microorganisms: pure CAS 64-02-8: EC20 - activated sludge, domestic - > 500 mg/L - 30 min. Remarks:Respiration rate.;pure CAS 139-33-3: EC20 - activated sludge, domestic - > 500 mg/L - 30 min. Remarks:Respiration rate.

12.2 Persistence and degradability

no data available

12.3 Bioaccumulative potential

no data available

12.4 Mobility in soil

no data available

12.5 Other adverse effects

no data available

13. Disposal considerations

13.1 Disposal methods

Product

The material can be disposed of by removal to a licensed chemical destruction plant or by controlled incineration with flue gas scrubbing. Do not contaminate water, foodstuffs, feed or seed by storage or disposal. Do not discharge to sewer systems.

Contaminated packaging

Containers can be triply rinsed (or equivalent) and offered for recycling or reconditioning. Alternatively, the packaging can be punctured to make it unusable for other purposes and then be disposed of in a sanitary landfill. Controlled incineration with flue gas scrubbing is possible for combustible packaging materials.

14. Transport information

14.1 UN number

ADR/RID: Not dangerous goods.

IMDG: Not dangerous goods.

IATA: Not dangerous goods.

14.2 UN proper shipping name

ADR/RID: Not dangerous goods.

IMDG: Not dangerous goods.

IATA: Not dangerous goods.

14.3 Transport hazard class(es)

ADR/RID: Not dangerous goods.

IMDG: Not dangerous goods.

IATA: Not dangerous goods.

14.4 Packing group, if applicable

ADR/RID: Not dangerous goods.

IMDG: Not dangerous goods.

IATA: Not dangerous goods.

14.5 Environmental hazards

ADR/RID: Yes

IMDG: Yes

IATA: Yes

14.6 Special precautions for user

no data available

14.7 Transport in bulk according to IMO instruments

no data available

15. Regulatory information**15.1 Safety, health and environmental regulations specific for the product in question**

Chemical name	Common names and synonyms	CAS number	EC number
Water	Water	7732-18-5	231-791-2
United States Toxic Substances Control Act (TSCA) Inventory			Listed.
California Prop. 65 Components			Not Listed.
New Jersey Right To Know - Right to Know Hazardous Substance List (RTKHSL)			Not Listed.
Massachusetts Right To Know - MASSACHUSETTS SUBSTANCE LIST (MSL)			Not Listed.
Pennsylvania Right To Know - HAZARDOUS SUBSTANCE LIST			Not Listed.
Federal Drinking Water Guidelines	no data available		
State Drinking Water Guidelines	no data available		
Clean Water Act Requirements	no data available		
CERCLA Reportable Quantities	no data available		
RCRA Requirements	no data available		
FIFRA Requirements	no data available		
FDA Requirements	no data available		
Chemical name	Common names and synonyms	CAS number	EC number
2-methyloxirane	Polyethylene-polypropylene glycol	9003-11-6	618-355-0
United States Toxic Substances Control Act (TSCA) Inventory			Listed.
California Prop. 65 Components			Not Listed.
New Jersey Right To Know - Right to Know Hazardous Substance List (RTKHSL)			Not Listed.
Massachusetts Right To Know - MASSACHUSETTS SUBSTANCE LIST (MSL)			Not Listed.
Pennsylvania Right To Know - HAZARDOUS SUBSTANCE LIST			Not Listed.
Chemical name	Common names and synonyms	CAS number	EC number
Tetrasodium ethylenediaminetetraacetate	Tetrasodium ethylene diamine tetraacetate	64-02-8	200-573-9
United States Toxic Substances Control Act (TSCA) Inventory			Listed.
California Prop. 65 Components			Not Listed.
New Jersey Right To Know - Right to Know Hazardous Substance List (RTKHSL)			Not Listed.
Massachusetts Right To Know - MASSACHUSETTS SUBSTANCE LIST (MSL)			Not Listed.
Pennsylvania Right To Know - HAZARDOUS SUBSTANCE LIST			Not Listed.
Chemical name	Common names and synonyms	CAS number	EC number
Disodium dihydrogen ethylenediaminetetraacetate	Disodium EDTA	139-33-3	205-358-3
United States Toxic Substances Control Act (TSCA) Inventory			Listed.
California Prop. 65 Components			Not Listed.
New Jersey Right To Know - Right to Know Hazardous Substance List (RTKHSL)			Not Listed.
Massachusetts Right To Know - MASSACHUSETTS SUBSTANCE LIST (MSL)			Not Listed.
Pennsylvania Right To Know - HAZARDOUS SUBSTANCE LIST			Not Listed.
Chemical name	Common names and synonyms	CAS number	EC number
Zinc diricinoleate	Zinc diricinoleate	13040-19-2	235-911-4
United States Toxic Substances Control Act (TSCA) Inventory			Listed.
California Prop. 65 Components			Not Listed.
New Jersey Right To Know - Right to Know Hazardous Substance List (RTKHSL)			Not Listed.
Massachusetts Right To Know - MASSACHUSETTS SUBSTANCE LIST (MSL)			Not Listed.
Pennsylvania Right To Know - HAZARDOUS SUBSTANCE LIST			Not Listed.
Chemical name	Common names and synonyms	CAS number	EC number
-	Fragrance	-	-
United States Toxic Substances Control Act (TSCA) Inventory			Not Listed.
California Prop. 65 Components			Not Listed.

New Jersey Right To Know - Right to Know Hazardous Substance List (RTKHSL)			Not Listed.
Massachusetts Right To Know - MASSACHUSETTS SUBSTANCE LIST (MSL)			Not Listed.
Pennsylvania Right To Know - HAZARDOUS SUBSTANCE LIST			Not Listed.
Chemical name	Common names and synonyms	CAS number	EC number
1,2-benzisothiazol-3(2H)-one	1,2-benzisothiazol-3(2H)-one	2634-33-5	220-120-9
United States Toxic Substances Control Act (TSCA) Inventory			Listed.
California Prop. 65 Components			Not Listed.
New Jersey Right To Know - Right to Know Hazardous Substance List (RTKHSL)			Not Listed.
Massachusetts Right To Know - MASSACHUSETTS SUBSTANCE LIST (MSL)			Not Listed.
Pennsylvania Right To Know - HAZARDOUS SUBSTANCE LIST			Not Listed.

16. Other information

Information on revision

Creation Date	Jan. 10, 2023
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Disclaimer: The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product. We as supplier shall not be held liable for any damage resulting from handling or from contact with the above product.