



Safety Data Sheet

825-22

SECTION 1 Identification

1.1 Product Identifier

·Trade name: 825-22 (Zinc 2-ethylhexanoate solution, Zinc content=22%)

1.2 Relevant identified uses of the substance or mixture and uses advised against

·Application of the substance / the mixture: Used as additives in paint, inks and etc

1.3 Details of the supplier of the safety data sheet**Manufacturer/Supplier:**

Yingke Chemical Technology (Taicang) Co.,Ltd
B, No. 8, Xiexin Road, Port Development Zone, Taicang City
Fax number: 86-0512-53206732
E-mail: ykkj2012@163.com

·Only Representative/ other EU contact point: Not available

·Further information obtainable from: Yingke Chemical Technology (Taicang) Co.,Ltd

1.4 Emergency telephone number:

Tel: 86-0512-53206732

·SDS Number: YG-YK2023077

SECTION 2 Hazard identification

2.1 Classification of the substance or mixture

·Classification according to Regulation (EC) No 1272/2008

·Physical hazards Flammable liquid, Category 4

·Health hazards Acute toxicity, oral, Category 4

Acute toxicity, dermal, Category 4

Skin corrosion/irritation, Category 2

Serious eye damage/eye irritation, Category 2A

Acute toxicity, inhalation, Category 4

Reproductive toxicity, Category 2

·Environmental hazards Hazardous to the aquatic environment, long-term hazard, Category 2

·Label elements



·Signal word Danger

·Hazard-determining components of labelling:

Zinc 2-ethylhexanoate

2-Butoxyethanol

·Hazard statements:

H227 Combustible liquid

H302 Harmful if swallowed

H312 Harmful in contact with skin

H315 Cause skin irritation

H319 Causes serious eye irritation

H332 Harmful if inhaled

H361 Suspected of damaging fertility or the unborn child

H411 Toxic to aquatic life with long lasting effects

·Precautionary statements

•General

P101 If medical advice is needed, have product container or label at hand
 P102 Keep out of reach of children
 P103 Read label before use

•Prevention

P201 Obtain special instructions before use.
 P202 Do not handle until all safety precautions have been read and understood.
 P210 Keep away from heat/sparks/open flames/hot surfaces. — No smoking.
 P261 Avoid breathing dust/fume/gas/mist/vapours/spray.
 P264 Wash thoroughly after handling.
 P270 Do not eat, drink or smoke when using this product.
 P271 Use only outdoors or in a well-ventilated area.
 P273 Avoid to release to the environment.
 P280 Wear protective gloves/protective clothing/eye protection/face protection.

•Response

P301+P310 IF swallowed: Immediately call a POISON CENTER/ doctor.
 P302+P352 If on skin: wash with plenty of soap and water.
 P304+P340 IF INHALED: Remove victim to fresh air and Keep at rest in a position comfortable for breathing.
 P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
 P308+P313 IF exposed or concerned: Get medical advice/attention.
 P312 Call a POISON CENTER or doctor/physician if you feel unwell.
 P330 Rinse mouth.
 P332+P313 IF SKIN irritation occurs: Get medical advice/attention.
 P363 Wash contaminated clothing before reuse.
 P337+P313 IF eye irritation persists: Get medical advice/attention.
 P362+P364 Take off all contaminated clothes and wash them before reusing.
 P370 +P378 In case of fire: Use water fog, foam, dry chemical or carbon dioxide (CO2) to extinguish
 P391 Collect spillage. Hazardous to the aquatic environment.

•Storage

P405 Store locked up.

•Disposal

P501 Dispose of contents/container in accordance with local /regional /national/ international regulations.

•2.2 Other hazards**•Results of PBT and vPvB assessment**

•PBT: Not applicable

•vPvB: Not applicable

SECTION 3 Composition/information on ingredients

•Description:

Substance/mixture: Mixture
 Other means of identification: Not available
 CAS number: Not applicable

Chemical Name	Wt, %	CAS	EINECS
Zinc 2-ethylhexanoate	90-99%	136-53-8	286-272-3
2-Butoxyethanol	1-10%	111-76-2	203-905-0

SECTION 4 First-aid measures

•4.1 Description of necessary first-aid measures**•General advice**

Consult a physician. Show this safety data sheet to the doctor in attendance.

•If inhaled

If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.

- **In case of skin contact**
- Wash off with soap and plenty of water. Consult a physician.
- **In case of eye contact**
- Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.
- **If swallowed**
- Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.
- **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

SECTION 5 Fire-fighting measures

- **5.1 Extinguishing media**
- **Suitable extinguishing media**
- Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.
- **5.2 Specific hazards arising from the chemical**
- no data available
- **5.3 Special protective actions for fire-fighters**
- Wear self-contained breathing apparatus for firefighting if necessary.

SECTION 6 Accidental release measures

- **6.1 Personal precautions, protective equipment and emergency procedures**
- Use personal protective equipment. Avoid dust formation. Avoid breathing vapours, mist or gas. Ensure adequate ventilation. Evacuate personnel to safe areas. Avoid breathing dust. For personal protection see section 8.
- **6.2 Environmental precautions**
- Prevent further leakage or spillage if safe to do so. Do not let product enter drains. Discharge into the environment must be avoided.
- **6.3 Methods and materials for containment and cleaning up**
- Pick up and arrange disposal. Sweep up and shovel. Keep in suitable, closed containers for disposal.

SECTION 7 Handling and storage

- **7.1 Precautions for safe handling**
- Avoid contact with skin and eyes. Avoid formation of dust and aerosols. Avoid exposure - obtain special instructions before use.
- **7.2 Conditions for safe storage, including any incompatibilities**
- Store in cool place. Keep container tightly closed in a dry and well-ventilated place.

SECTION 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**
- Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.
- **8.3 Individual protection measures, such as personal protective equipment (PPE)**
- **Eye/face protection**
- Safety glasses with side-shields conforming to EN166. Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).
- **Skin protection**
- Wear impervious clothing. The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace. Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in

accordance with applicable laws and good laboratory practices. 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.

·**Respiratory protection**

Wear dust mask when handling large quantities.

·**Thermal hazards**

no data available

SECTION 9 Physical and chemical properties

Physical state	liquid
Colour	yellow
Odour	odourless to weak odor
Melting point/ freezing point	no data available
Boiling point or initial boiling point and boiling range	no data available
Flammability	no data available
Lower and upper explosion limit / flammability limit	no data available
Flash point	>61°C
Auto-ignition temperature	no data available
Decomposition temperature	no data available
pH	no data available
Kinematic viscosity(25±0.5°C)	1100-1500mpa.s
Solubility	Insoluble in water
Partition coefficient n-octanol/water (log value)	no data available
Vapour pressure	no data available
Density and/or relative density(20±0.5°C)	1.15-1.19g/cm ³
Relative vapour density	no data available
Particle characteristics	no data available

SECTION 10 Stability and reactivity

·**10.1 Reactivity**

no data available

·**10.2 Chemical stability**

Stable under recommended storage conditions.

·**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

SECTION 11 Toxicological information

·**11.1 Information on toxicological effects**

·**Acute toxicity**

·**Oral:** Harmful if swallowed

·**Inhalation:** Harmful if inhaled

·**Dermal:** Harmful in contact with skin

·**Skin corrosion/irritation**

Cause skin irritation

·**Serious eye damage/irritation**

Causes serious eye irritation

·**Respiratory or skin sensitization**

no data available

·**Germ cell mutagenicity**

no data available

- Carcinogenicity**
no data available
- Reproductive toxicity**
Suspected of damaging fertility or the unborn child
- STOT-single exposure**
no data available
- STOT-repeated exposure**
no data available
- Aspiration hazard**
no data available

SECTION 12 Ecological information

- 12.1 Toxicity**
Toxic to aquatic life with long lasting effects
- 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
- 12.6 Additional ecological information**
Do not discharge into the drains/surface waters/groundwater. Should not be released into the environment.

SECTION 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.

SECTION 14 Transport information

- 14.1 UN Number:** 3082
- ADR/RID,IATA:** ENVIRONMENTALLY HAZARDOUS SUBSTANCE
LIQUID, N.O.S (Zinc 2-ethylhexanoate)
- IMDG:** ENVIRONMENTALLY HAZARDOUS SUBSTANCE
LIQUID, N.O.S (Zinc 2-ethylhexanoate)
- 14.3 Transport hazard class(es) :** 9
- 14.4 Packing group, if applicable :** III
- 14.5 Environmental hazards:** Product contains environmentally hazardous substance:
Zinc 2-ethylhexanoate
- Marine pollutant:** Symbol(fish and tree)
- Special marking(ADR/RID/ADN):** Symbol(fish and tree)
- Special marking(IATA):** Symbol(fish and tree)
- 14.6 Special precautions for user**
no data available
- 14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code**
no data available
- 14.8 Transport/Additional information**
Special marking with the Symbol(fish and tree)

SECTION 15 Regulatory information

·15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

None of the ingredients is listed.

·SVHC Candidate List of REACH Regulation Annex XIV Authorisation (15/1/2018)

None of the ingredients is listed.

·REACH Regulation Annex XVII Restriction (18/4/2018) See Section 16 for information about restriction of use.

None of the ingredients is listed.

·REACH Regulation Annex XIV Authorisation List (13/6/2017)

None of the ingredients is listed.

·15.2 Chemical safety assessment: A Chemical Safety Assessment has not been carried out.

SECTION 16 Other information

·Relevant hazard statements

H227	Combustible liquid
H302	Harmful if swallowed
H312	Harmful in contact with skin
H315	Cause skin irritation
H319	Causes serious eye irritation
H332	Harmful if inhaled
H361	Suspected of damaging fertility or the unborn child
H411	Toxic to aquatic life with long lasting effects

Manufactured disclaimer: The present information is accurate to the best of our knowledge, but without any guarantee. Users should satisfy themselves on the suitability of this product for their purposes. If necessary, they can consult our technical staff.