



Safety Data Sheet

827-19

SECTION 1 Identification

1.1 Product Identifier

·Trade name: 827-19 (Zirconium 2-ethylhexanoate solution, Zirconium content=19%)

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-YK2023050

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 Aspiration hazard, Category 1

Reproductive toxicity, Category 2

·Environmental hazards None

·Label elements



·Signal word Danger

Hazard-determining components of labelling:

Zirconium 2-ethylhexanoate
Distillates(Petroleum),Hydrotreatedlight

Hazard statements:

H227 Combustible liquid
H304 May be fatal if swallowed and enters airways
H361 Suspected of damaging fertility or the unborn child

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.
P280 Wear protective gloves/protective clothing/eye protection/face protection.

Response

P301+P310 IF swallowed: Immediately call a POISON CENTER/ doctor.
 P308+P313 IF exposed or concerned: Get medical advice/attention.
 P331 Rinse mouth. Do NOT induce vomiting.
 P370 +P378 In case of fire: Use water fog, foam, dry chemical or carbon dioxide (CO2) to extinguish

•Storage

P403+P235 Store in a well-ventilated place. Keep cool.
 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
Zirconium 2-ethylhexanoate	80-90%	22464-99-9	245-018-1
Distillates(Petroleum),Hydrotreatedlight	10-20%	64742-47-8	265-149-8

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	>60°C
Auto-ignition temperature	no data available
Decomposition temperature	no data available
pH	no data available
Kinematic viscosity(25±0.5°C)	3500-4500mpa.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)	1.20-1.24g/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:** no data available
- Inhalation:** no data available
- 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**
Suspected of damaging fertility or the unborn child
- STOT-single exposure**
no data available
- STOT-repeated exposure**
no data available
- Aspiration hazard**
May be fatal if swallowed and enters airways

SECTION 12 Ecological information

- 12.1 Toxicity**
no data available
- 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**
no data available

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: None

·14.2 UN Proper Shipping Name

ADR/RID,IATA: None

IMDG: None

·14.3 Transport hazard class(es) : None

·14.4 Packing group, if applicable : None

·14.5 Environmental hazards: None

·Marine pollutant: None

·Special marking(ADR/RID/ADN): None

·Special marking(IATA): None

·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 : no data available

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

H304 May be fatal if swallowed and enters airways

H361 Suspected of damaging fertility or the unborn child

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.