Teck Guan (China) Ltd

www.teckguan.com/cn

SAFETY DATA SHEET

According to Regulation 1907/2006/EC
Version 2.1 Revision Date 25 10 2019

1.1. Product identifiers

Product Name	:	Octanoic acid
Trade Name	:	TECKNO S899

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

Relevant identified uses	:	Production of lubricants, emulsifier, detergent, fatty alcohol & synthetic ester.

1.3. Details of the supplier of the safety data sheet

Company	:	Teck Guan (China) Ltd.
Address	:	No 1 Teck Guan Road, Rugao Port, Jiangsu, China
Telephone	:	+86 513 87589955
Fax	:	+86 513 87583388
Post Code	:	226532

1.4. Emergency telephone number

Emergency phone	:	+86 513-87589955

2.1. Classification of the substance or mixture

Physical hazards	Corrosive	
Health hazards	Skin corrosion/irritation	Category 1B
	Serious eye damage/eye irritation	Category 1
Environmental hazards	Not classified	

2.2. Label elements

Labelling according to Regulation (EC) No 1272/2008.

Signal word: Danger

Pigtogram:

Hazard statement(s)

H314	Causes severe skin burns and eye damage.

Precautionary statement(s)

P280	Were protective gloves / protective clothing / eye protection / face protection.
P305 + P351 + P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P310	Immediately call a POISON CENTER or doctor / physician.
Supplemental Hazard statement(s)	none

2.3. Other hazards

none.

SECTION 3: Composition/information on ingredients

3.1. Substances

Synonyms	:	Octanoic acid, n-Caprylic Acid, Fatty Acid C8
Formula	:	$C_8H_{16}O_2$
Percent	:	≤ 100%
CAS No	:	124-07-2
EC No	:	204-677-5

SECTION 4: First aid measures

4.1. Description of first aid measures

General advice	:	Consult a physician. Show this safety data sheet to the doctor in attendance.
Inhalation	:	Call a poison center or doctor if you feel unwell. Move victim to fresh air and keep at rest in a position comfortable for breathing. In case of breathing difficulty try artificial respiration. Get medical attention as soon as possible.
Skin contact	:	Take off contaminated clothing and shoes immediately. Wash off with soap and plenty of water. Consult a physician.
Eye contact	:	Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician. Continue rinsing eyes during transport to hospital.
Ingestion	:	Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.
Protection of first-aids	:	A rescuer should wear personal protective equipment, such as rubber gloves and air-tight goggles.

4.2. Most important symptoms and effects, both acute and delayed

The most important known symptoms and effects are described in the labeling (see section 2.2) and / or in section 11

4.3. Indication of any immediate medical attention and special treatment needed

No data available

SECTION 5: Fire-fighting measures

5.1. Extinguishing media

Suitable extinguishing media : water spray, alcohol-resistant foam, dry chemical or carbon dioxide

5.2. Special hazards arising from the substance or mixture

Carbon oxides

5.3. Advice for firefighters

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. Keep people away from and upwind of spill/leak. Ensure adequate ventilation. Entry to non-involved personnel should be controlled around the leakage area by roping off, etc.

6.2. Environmental precautions

In case of spillage, cover the spilt amount with sand or soil to absorb the product. Collect the sand or soil with the product absorbed into a suitable container and dispose. Prevent entry of product into drains and ground water.

6.3. Methods and material for containment and cleaning up

Mop up and collect in dry containers for disposal. Sweep up and shovel. Keep in suitable, closed containers for disposal.

6.4. Reference to other sections

For disposal see section 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Follow good hygiene and safety procedures. Avoid any direct contact with the product. Wash hands with soap and water after handling the product. Keep away from heat, strong acids and oxidizing agents.

7.2. Conditions for safe storage, including any incompatibilities

Keep containers tightly closed in a dry, cool and well-ventilated place.

7.3. Specific end user(s)

No further relevant information available.

SECTION 8: Exposure controls / personal protection

8.1. Control parameters

No data available.

8.2. Exposure controls

Appropriate engineering controls : Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.

General : Eye wash fountain is recommended.

Eye / face protection : Safety glasses. A face-shield, if the situation requires.

Skin/body protection : Protective clothing. Protective boots, if the situation requires.

Respiratory protection : No protection required when adequate ventilation is available at room temperature. In presence of mist or vapor use self-contained respirator. Follow local and national regulation.

Hand protection : Protective gloves.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance : clear, viscous liqiud @ 72°F (22°C)

Color : white to pale yellow

Form : liquid

Odor : irritative odor

Odor threshold : Not available

pH : Not available

Melting point/Freezing point : 62.6°F (17 °C) – lit.

Boiling point : 458.6°F (237°C) @ 760 mmHg (101.3kPa)

Flash point : 230°F (>110°C) Pensky-Martens Closed

Cup Evaporation rate : Not available

Flammability (solid, gas): Not available

Flammability limits in air, lower, % by volume : Not available

Flammability limits in air, upper, % by volume : Not available

Vapor pressure : Not available

Relative density : 0.91 @ 20/4°C

Solubility (H_2O) : Not available

Auto-ignition temperature : ＞300°C

Octanol / H_2O coeff : Not available

Decomposition temperature : Not available

Viscosity : Not 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

Sources of heat, ignition and flame.

10.5. Incompatible materials

Bases, Reducing agents, Oxidizing agents

10.6. Hazardous decomposition products

Partial combustion results in carbon monoxide, carbon dioxide. Complete combustion results in the formation of carbon dioxide and water.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute Toxicity : 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

IARC : No data available

NTP : No data available

Reproductive toxicity : No data available STOT-single exposure : No data available STOT-repeated exposure: No data available Aspiration hazard : No data available

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. Results of PBT and vPvB assessment

No data available

12.6. Other adverse effects

No data available

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Recycle to process if possible. You may be able to burn in a chemical incinerator equipped with an afterburner and scrubber system. Dispose of contents/container in accordance with local/regional/national/international regulations.

SECTION 14: Transport information

14.1. UN number

ADR/RID : UN 3265

IMDG	:	UN 3265
IATA	:	UN 3265

14.2. UN proper shipping name

ADR/RID	:	Corrosive liquid, acidic, organic, n.o.s (Octanoic acid)
IMDG	:	Corrosive liquid, acidic, organic, n.o.s (Octanoic acid)
IATA	:	Corrosive liquid, acidic, organic, n.o.s (Octanoic acid)

14.3. Transport hazard class(es)

ADR/RID	:	-
IMDG	:	-
IATA	:	-

14.4. Packaging group

ADR/RID	:	III
IMDG	:	III
IATA	:	III

14.5. Enviromental hazards

Marine pollutant	:	No

14.6. Special precautions for user

No data available.

SECTION 15: Regulatory information

This safety datasheet complies with the requirements of Regulation (EC) No. 1907/2006

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

No data available

15.2. Chemical Safety Assessment

A chemical safety assessment has not been carried out.

SECTION 16: Other information

The submission of the MSDS may be required by law, but this is not an assertion that the substance is hazardous when used in accordance with proper safety practices and normal handling procedures. Data supplied are for use only in connection with occupational safety and health.

The information contained herein has been compiled from sources considered to be dependable and is accurate to the best of the Company's knowledge. The information relates to the specific product designated herein, and does not relate to use in combination with any other material of any other process. We assume no responsibility for injury to the recipient or third persons, or for any damage to any property resulting from misuse of the controlled product.

End of Safety Data Sheet