



Material Safety Data Sheet

MSDS

According to ISO 11014-2009

Sample name : Iron Powder

Applicant : Guangzhou keli Auto Parts Co.,Ltd.

address : 510540, No.70, South Street, Dayuan village, Taihe Town,
Baiyun District, Guangzhou

Date : 2025-1-20

Entrusting company : Guangzhou Huadong Testing Service Co., LTD

Report writing: Gao Zedong

Report review: Gao Zhimin

Technical Director : Liu Xiaofang





Section 1 - substance / mixture and business information

1.1 Product information

product name:Iron Powder

product model:-

Product trademark:-

product code:-

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

Use:No information available.

Uses advised against: No information available.

1.3 Supplier Information Manufacturers / Supplier

manufacturer:Guangzhou keli Auto Parts Co.,Ltd.

address:510540, No.70, South Street, Dayuan village, Taihe Town, Baiyun District, Guangzhou

supplier:Guangzhou keli Auto Parts Co.,Ltd.

address:510540, No.70, South Street, Dayuan village, Taihe Town, Baiyun District, Guangzhou

Country of origin: China

Tel.: +86-13352897412

1.4 Emergency Tel: +86-13352897412

Section 2 -Hazard information

2.1 Classification of substances or mixtures:

Classification according to the GHS regulations

Skin Stimulation (Category 3)

Ocular irritation (Category 2A)

Labeling is performed in accordance with the EU Regulation (EC) No 1272 / 2008

Harm diagrams:



GHS07

Warning language : warn!

Hazard description : H316 Cause mild skin irritation

H319 caused severe ocular irritation.



Prevention note: P264 + P265 Clean the hands thoroughly after operation [and other body contaminated areas]. Don't touch your eyes.

P280 wear protective gloves / wear protective clothing / wear protective eye mask / protective mask / hearing protection device...

Emergency measures: P332 + P317 In case of skin irritation: please seek medical attention.

P305 + P351 + P338 Into the eye: rinse carefully with water for a few minutes. If wearing contact lenses and can be easily removed, remove the contact lens. Continue to rinse.

P337 + P317 if eye irritation continues.

Storage: No relevant data.

2.3 Other hazards

No relevant data.

Section 3 -Composition / composition information

3.1 Chemical characteristics: the mixture.

Product: It consists of the following components.

constituent	CAS No.	thickness	EC No.
Deionized water	7732-18-5	84%	231-791-2
Mercaptoacetic acid	68-11-1	8%	200-677-4
Sodium lauryl polyoxyethylene ether sulfate	9004-82-4	2%	618-398-5
Poly(oxy-1,2-ethanediyl)	69011-36-5	2%	500-241-6
Triton X-100	9002-93-1	2%	618-344-0
sodium carbonate	497-19-8	1%	207-838-8
Sodium Benzoate	532-32-1	1%	208-534-8



Section 4 -First-aid measures

4.1 Description of the first-aid measures

general recommendation:If in doubt, please seek medical help.

Inhalation:If inhaled, move to fresh air. If not, please use artificial respiration. If the symptoms persist, see a doctor.

Skin contact: Wash the skin with plenty of water. Get medical attention for skin irritation or rash.

Eye contact: Rinse with water for a few minutes, occasionally lifting the upper and lower eyelids.

Access to medical assistance.

4.2 The most important acute and delayed symptoms / effects

No data available.

4.3 Note immediate medical treatment and special treatment required if necessary

According to the disease treatment.

Section 5-Fire protection measures

5.1 Fire-extinguishing medium

Use a water spray, dry chemicals, chemical foam, or carbon dioxide.

5.2 Special hazards arising from this substance or mixture

No data available.

5.3 Advice to firefighters

Wear IN MSHA / NIOSH (approved or equivalent) pressure-required self-contained respirator and comprehensive protective equipment in any fire.

Section 6- Unintended release measures

6.1 Personal protection, protection equipment and emergency procedures

Evacuate personnel from the contaminated area to the safe area, and prohibit irrelevant personnel from entering the contaminated area. Emergency personnel are advised to use protective equipment as needed. Cut off the leak source as much as possible. Avoid inhalation of dust. Ensure adequate ventilation.

For non-emergency personnel

Avoid contact with the skin and the eyes. Non-emergency personnel should evacuate the relevant area immediately. For first aid personnel

For first aid personnel

Emergency personnel shall be equipped with appropriate personal protective equipment (see Part 8).



6.2 Environmental protection measures

Avoid releasing the environment. Avoid pouring water into drains, surface water, and ground water.

6.3 Control and cleaning methods and materials

It is best to clean with a detergent, by not using a solvent. Control overflow and then place them in containers for disposal per local regulations.

6.4 Reference to other parts

See Section 7 for safety disposal information. See Part 8 for personal protective equipment information. See Part 13 for discarding information.

Section 7-Handling and storage

7.1 Protective measures for safe handling

Pay attention to ventilation. Provide exhaust equipment to produce dust. Operators must be specially trained and strictly follow the operating procedures. Operators shall wear safety protective equipment as required. Handle carefully to avoid damage to the packaging and containers. Equipped with the corresponding variety and quantity of fire fighting equipment and leakage emergency treatment equipment.

Recommended equipment and procedures

See Part 8 for personal protection. Compliance with the precautions and industrial safety regulations stated on the label.

Prohibited equipment and procedures

No data available.

lay in

Seal the container in a dry, cool, and well-ventilated place.

pack

Always use the packaging made from the same material as the original one.

7.2 Conditions for safe storage, including all incompatibility

No data available.

7.3 Specific uses

No data available.



Section 8 -Contact control / habeas are

8.1 Occupational exposure limits for the control parameters

No data available.

8.2 Exposure control

Control measures must conform to the community environmental protection methods.

Eye / face protection

Wear the chemical safety protection eyes.

Prescription glasses are not seen as protective.

No data available.

Protection of hands

Wear suitable protective gloves for EN374 chemical resistance. Gloves must be selected based on usage and duration in the workplace. Protective gloves should be selected according to their applicability to the relevant workstations: other treatable chemicals, necessary physical protection (cutting, piercing, insulation), required dexterity. Recommended performance: watertight gloves conforming to the EN374 standard.

Body protection

Work clothes of personnel should be cleaned regularly. After contact with the product, all the dirty parts of the body must be cleaned.

Respiratory protection

If the engineering control device cannot maintain concentrations in the air to a level sufficient to protect the health of the worker, an approved respirator must be worn.

Environmental exposure control

The controls must comply with the local environmental protection regulations.



Section 9 -Physical and chemical properties

9.1 Information on the basic physicochemical properties

Appearance / shape: liquid

Color: Transparen

Smell: Water-based cream

PH Value: 7

Melting point / setting point: no data is available

Initial boiling point / boiling point range: N/A

Flash point: N/A

Evaporation speed: No data is available

Flammability (solid, gas): not applicable

Vapor pressure: No data is available

Vapour density: N/A

Relative density: no data is available

Solubility / miscibility: soluble in water

Risk of an explosion: The item is not an explosive

Odor threshold: no data available

9.2 Other information

No data available.



Section 1 0-Stability and reactivity

10.1 Reactivity

No data available.

10.2 Chemical stability

The mixture was stable under the handling and storage conditions recommended in Part 7.

10.3 Potential of hazardous reactions

No data available.

10.4 Conditions that should be avoided

Stay away from the fire.

10.5 Incompatible materials

No data available.

10.6 Hazardous decomposition products

No data available.

Section 11-Toxicology information

-Oral information: No data is available.

-Percutaneous: No data is available.

-Inspiration: No data available.

Acute toxicity: no data are available.

Skin corrosion / irritation: class 3.

Ocular hazard / irritation: (Category 2A)

Respiratory or skin allergy: No data are available.

Toxicence kinetics, metabolism and distribution: no data available.

Effect of CMR (carcinogenic, genetic mutation, reproductive toxicity): No data available.

Germ cell mutagenicity: no data available.

Carcinogenicity: No data are available.

Reproductive toxicity: No data are available.

Specific target organ toxicity-Single contact: No data available.

Specific target organ toxicity-repeated exposure: no data available.

Inhalation hazard: No data is available.

And the LD50 / LC50 values associated with the classification

no data are available.



Section 12-Ecological information

No aquatic toxicity data were available for the mixture. The component data are as follows:

No data available.

12.2 Persistence and degradability

Soluble in water, persistence is unlikely based on available information.

12.3 Bioaccumulation potential

No data available.

12.4 Fluidity in the soil

No data available.

12.5 PBT and vPvB Assessment Results PBT:

vPvB:N/A

12.6 Other adverse effects

Endocrine disruptor information: No data is available.

Persistent organic pollutants: no data available.

Ozone layer depletion potential: no data available.

Section 13 -Disposal considerations

Proper waste management of mixtures and / or their containers must be determined in accordance with Directive 2008 / 98 / EC.

13.1 Waste treatment method

Waste disposal methods shall be disposed of in accordance with the applicable regional and local laws and regulations.

Pollution packaging treatment

Fully empty the container. Attach the label to the container.



Section 14-Transport information

14.1 UN number

ADN/ADR/RID : N/A

IMDG/IMO : N/A

IATA/ICAO : N/A

14.2The United Nations official transport name

ADN/ADR/RID : Suitable for all modes of transport.

IMDG/IMO : Suitable for all modes of transport.

IATA/ICAO : Suitable for all modes of transport.

14.3 Transportation hazard classification

ADN/ADR/RID : N/A

IMDG/IMO : N/A

IATA/ICAO : N/A

14.4 Packaging category

ADN/ADR/RID : N/A

IMDG/IMO : N/A

IATA/ICAO : N/A

14.5, Environmental hazards

Marine pollutants: No

14.6 Special protective measures for the users

No specific data.

14.7 Transport of bulk cargo as per MARPOL 73 / 78 Annex II and IBC Code

Not applicable, packaged goods.

14.8 EmS No

No specific data.

14.9 Shipping labels and signs

Precautions for transportation

The packaging container shall be checked to be complete and sealed to ensure that the container shall not collapse, fall, or damage, shall not be placed with no oxidant and strong acid, and the edible chemicals shall be mixed and transported according to the prescribed route.



Section 15-Administrative information

15.1 Specific to the safety, health and environmental regulations concerning pure substances or mixtures

Regulatory Information: (EC) Regulation No.1272 / 2008 Committee Regulation No.2017 / 542 Committee Regulation (EU) 202020 / 878 Regulation (EC) Regulation 1907 / 2006 (EU) Regulation No.528 / 2012 (EU) No.1107 / 2009 SVHC Candidate arrival List Annex 14 Authorization Regulation Annex 17 Restricted Reaching Regulation Annex 14 authorized List of Dangerous Goods TransportofDangerousGoodsRegulation Proposal Model Code International Technical Note for Safe Transportation of Dangerous Goods at Sea

Reference: Safety Management Regulations for Hazardous Chemicals. According to the safe use of hazardous chemicals, production, storage, transportation, loading and unloading and other aspects of the corresponding provisions are made.

Section 16-Additional information

Reference: No.

disclaimer

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