
Trade Name: **Iron Cleaner Stick**

Date: 2021/11/16

1.Commodity and Enterprise Identification

Trade name: Iron cleaner Stick

Supplier: Kleiber + Co. GmbH

Address: Kurz- und Modewarenfabrikation, Wiggis 4 / 88167 Roethenbach, Germany

Tel.: + 49 (0)8384 82 03 0

Fax: +49 (0)8384 82 03 55

Effective date: November 16, 2021

2. Hazard Identification

2.1 Classification

Classification according to Regulation (EC) No.1272/2008<EU-GHS/CLP> and its amending regulations:

Not classified as a dangerous good.

2.1 Label Elements

Labeling according to Regulation (EC)No 1272/2008<CLP>

Pictogram(s):Non-applicable.

Signal Word: Non-applicable.

Hazard Statemen(s):Non-applicable .

Precautionary Statement(s):Non-applicable .

2.3 Other hazards

In normal use conditions and in its original form, the product itself does not involve any other risk for health and the environment.

PBT/vPvB: Not meet.

3. COMPOSITION/INFORMATION

CAS	Ingredient	Percentage %	EINECS
8047-15-2	Saponin	25	232-462-6
6863-42-9	Coconut oil acid diethanolamine	6	271-657-0
68131-39-5	Primary Alcohol Ethoxylate	4	500-195-7
1332-58-7	kaolin	20	265-064-6
471-34-1	Calcium carbonate	8	207-439-9
56-81-5	Glycerol	12	200-289-5

7732-18-5	water	24	231-791-2
84929-31-7	Lemon essential oil	1	284-515-8

4. Hazard Identification Data

Hazard overview:

This product is basically non-toxic.

Combustibility: combustible.

Health hazard: No data

Physical and chemical hazards: no data

Health hazard: No data

Environmental hazards: No data

Harmful or serious consequences if swallowed.

May be irritating to eyes and respiratory tract

Potential health hazards:

Skin contact: no irritation, except for those with special skin allergy.

Eye contact: May cause eye pain, redness and other discomfort.

Inhalation: meaningless.

Ingestion: May cause vomiting and diarrhea.

5. First aid measures

Skin contact: wash with plenty of flowing water.

Eye contact: lift the eyelids, wash them with flowing water or normal saline, and seek medical advice.

Inhalation: meaningless.

Ingestion: drink enough water, induce vomiting, or seek medical advice.

6. Fire Control Measures

Flash point (°C): meaningless

Melting point (°C): above 50 °C

Combustibility: non flammable

Ignition temperature (°C): no data

Explosion characteristics: non explosive

Fire extinguishing agent: water, carbon dioxide

Hazard characteristics:

When heated, it will gradually melt and decompose at high temperature, and may cause combustion and explosion when contacting or mixing with strong reducing agents, strong oxidants, combustibles such as sulfur and phosphorus.

Fire extinguishing method:

Evacuate all irrelevant personnel immediately. Wear protective equipment and self-contained breathing apparatus.

Keep the air flowing. To excrete toxic gases and decomposition products.

Spray with plenty of water.

7. Leakage emergency treatment

Isolate the leaking contaminated area and evacuate all irrelevant personnel

It is recommended that emergency personnel wear self-contained breathing apparatus and disinfection clothes.

Do not let the leakage come into contact with combustibles.

Small amount of leakage: collect it in a dry, clean and covered container with a clean shovel.

Large amount of leakage: collected and recycled or transported to the waste disposal site for treatment.

Flush the contaminated area with plenty of water.

8. Operation, use and storage

Storage precautions

Store in a dry, clean and well ventilated warehouse. Keep away from fire, heat source and direct sunlight. The room temperature is below 35 °C and the relative humidity is below 75%.

Pay attention to moisture and rain. Keep the container sealed, load and unload gently during handling to prevent damage to the package and container. It is not suitable for transportation in rainy days.

It shall be stored separately from inflammables or combustibles, reducing agents, sulfur,

phosphorus, etc., and shall not be stored and transported together. Avoid contact with other substances that may cause product decomposition.

Precautions

Avoid contact between the product and eyes, and keep the surrounding air smooth during use.

Do not swallow.

Avoid contact with flammable and organic substances.

Keep containers sealed when not in use.

Clean hands and other body contact parts after operation

9. Exposure control/personal protection

Engineering control: keep the indoor air smooth and equipped with air circulation device. Do not operate in a confined space. Observe frequently to determine the exposure hazard value and keep the hazard value below the protection standard.

Respiratory system protection: usually, no special protection is required, but the working environment is uncertain or dusty, or the environmental hazard exceeds the upper limit, air respirators, self-contained breathing apparatus, oxygen respirators, filter type gas masks, dust masks and other protective equipment should be used.

Face/eye protection: wear chemical safety goggles and protective mask to avoid skin contact, and wear chemical gloves (recommended materials: PVC, neoprene, etc.). Wear all kinds of protective clothing according to the specific situation.

Other protective facilities: eye washer, safety shower room. Anti poison penetration work clothes, rubber shoes.

Sanitation overview: wash hands and other body contact parts with soap and water before leaving work and eating. You must wash chemicals off your body before eating or smoking.

10. Physical and chemical properties

Appearance: White paste

Smell: customizable

Bulk density: 1.30-1.40g/cm³

Solubility: soluble in 50 °C warm water

PH value (1% aqueous solution): about 9

Saturated vapor pressure (KPa): no data

Combustion heat (Kj/mol): no data

Critical temperature (°C): no data

Flash point (°C): no data

Explosion limit [% (volume fraction)]: no data

Saturation vapor pressure (kPa): no data

11. Stability and reactivity

Stability: stable

Prohibited substances: acids, inflammables

Combustion gas product: CO₂

12. Toxicological data

Acute toxicity:

Oral: No data

Inhalation: no data

Transcutaneous: no data

Skin irritation or corrosion: no data available.

Eye irritation or corrosion: No data available.

Respiratory or skin allergy: no data available.

Germ cell mutagenicity: no data available.

Carcinogenicity: No data available.

Reproductive toxicity: no data available.

Specific target organ systemic toxicity - one exposure: no data.

Specific target organ systemic toxicity repeated exposure: no data.

13. Ecological data

Biodegradability: released in water, it will be biodegradable; However, small particles adsorbed in water and sediment will be released into soil and biodegraded.

Non biodegradable: no data

Ecotoxicity:

Acute toxicity test of fish: no data.

Daphnia acute activity inhibition test: no data.

Algal growth inhibition test: no data available.

Toxicity to microorganisms: no data available.

Persistence and degradability: no data available.

Bioaccumulation or bioaccumulation: no data available.

Mobility in soil: no data available.

14. Waste disposal

Nature of waste: according to the list of hazardous waste, the waste is not dangerous

Waste disposal method: dispose according to relevant regulations of local government

Disposal method of outer package: according to relevant regulations of local government

15. Transportation information

Dangerous goods No.: None

UN No.: None

Packing mark: None

Packing type: II/III

Packaging method: sealing

Precautions for transportation: The transportation vehicles shall be equipped with fire-fighting equipment of corresponding types and quantities and emergency treatment equipment for leakage. It is better to transport in the morning and evening in summer. It is strictly prohibited to mix with oxidants, acids, chemicals, etc. During transportation, it shall be protected from sun exposure, rain and high temperature

16. Regulatory information

The following laws, regulations, rules and standards provide for the management of the chemicals:

Law of the People's Republic of China on the Prevention of Occupational Diseases:

Classification of occupational hazard factors (2015): not included

Regulations on Safety Management of Hazardous Chemicals:

Catalogue of hazardous chemicals (2015): not included

List of explosive hazardous chemicals (2017): not included

List of hazardous chemicals under key supervision:

List of the first and second batch of hazardous chemicals under key supervision: not

included

Measures for Environmental Management Registration of Hazardous Chemicals (for Trial Implementation):

List of key hazardous chemicals for environmental management: not included

Regulations on the Administration of Narcotic Drugs and Psychotropic Substances:

Category of narcotic drugs: not included

Catalogue of psychotropic drugs: not included

Environmental management measures for new chemicals:

List of Existing Chemical Substances in China (2013): Not included

American Occupational Safety and Health Act Dangerous Goods Transportation Standard, 29CFR 1910.1200: not included

RCRA: This article is not defined as dangerous goods according to 40CFR 261

TSCA: Not included

CERCLA: Not applicable. However, local regulations may vary

17. Other Information

Compilation and revision information: prepared according to GB/T 16483-2008, GB/T 17519-2013, and GB 30000-2013 series classification standards.

Disclaimer:

The information provided in this product safety data sheet is believed to be true and accurate. The data provided are only used as a guide for safe operation, use, disposal, storage, transportation and disposal of the products referred to in this manual. The information contained in this product safety data sheet is not used as the external guarantee or quality statement of the company (Kleiber + Co. GmbH), and the company will not assume any adverse consequences and legal liabilities arising from the blind use of the company's products.