

SAFETY DATA SHEET

Revision Date 12-April.-2019

Section 1: PRODUCT AND COMPANY IDENTIFICATION

Product name Strong Power Clean

Manufacturer Suzuki Yushi Industrial Co., Ltd.

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Recommended uses and restrictions on use For washing machine

Section 2: HAZARDS IDENTIFICATION

GHS classification

Corrosive to metal Category 1

Acute toxicity oral Category 5

Skin corrosion/irritation Category 1

Serious eye damage/eye irritation Category 1

Specific target organ systemic toxicity Single exposure Category 2

Specific target organ systemic toxicity Repetition exposure Category 1

ENVIRONMENTAL HAZARDS Aquatic environment (acute hazard) Category 2

ENVIRONMENTAL HAZARDS Aquatic environment (prolonged) Category 3



Pictograms

Signal word Danger

Hazard statements Causes skin irritation

Causes serious eye damage

Causes damage to the following organs: respiratory system

Precautionary statements-(Prevention)

Wash face, hands and any exposed skin thoroughly after handling

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

Do not breathe dust/fume/gas/mist/vapors/spray

Do not eat, drink or smoke when using this product

Precautionary statements-(Response)

IF exposed: Call a POISON CENTER or doctor/physician

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue Rinsing. Immediately call a POISON CENTER or doctor/physician

IF ON SKIN: Wash with plenty of soap and water

If skin irritation occurs: Get medical advice/attention

Take off contaminated clothing and wash before reuse

Precautionary statements-(Storage)

Store in cool place

Section 3: COMPOSITION/INFORMATION ON INGREDIENTS

Single Substance or Mixture Mixture

Ingredient	CAS No.	Content (%)	Formula	ENCS
Glycol ether	-	-	-	-
Alcohol	-	-	-	-
Surfactant	-	-	-	-
Potassium hydroxide	1310-58-3	1~5	KOH	(1)-369
Viscous agent	-	-	-	-
Chelate agent	-	-	-	-
Dye	-	-	-	-
Water	-	-	-	-

Section 4: FIRST AID MEASURES

Inhalation Remove to fresh air Immediate medical attention is required

Skin contact Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes Immediate medical attention is required

Eye contact IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing Immediate medical attention is required

Ingestion Rinse mouth Never give anything by mouth to an unconscious person Call a physician or poison control center immediately Do not induce vomiting without medical advice

Protection of first-aiders Use personal protective equipment as required

Section 5: FIRE FIGHTING MEASURES

Suitable extinguishing media

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment

Section 6: ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

For indoor, provide adequate ventilation process until the end of working. Deny unnecessary entry other than the people involved by, for example, using a rope. While working, wear appropriate protective equipments to avoid adhering it on skin, or inhaling the gas. Work from windward, and retract the people downwind.

Environmental precautions

To be careful not discharged to the environment without being properly handled waste water contaminated

Methods and materials for contaminant and methods and materials for cleaning up

Absorb dry sand, earth, sawdust and the waste. Collect empty container that can be sealed. Please wash the rest with plenty of water.

Recoverly, neutralization No information available

Secondary disaster prevention measures

Clean contaminated objects and areas thoroughly observing environmental regulations

Section 7: HANDLING AND STORAGE

Handling

Technical measures

Avoid contact with acidic substances Use with local exhaust ventilation.

Precautions

Do not rough handling containers, such as upsetting, falling, giving a shock, and dragging. Prevent leakage, overflow, and scattering. Not to generate steam and dust in vain. Seal the container after use. After handling, wash hands and face, and then gargle. In places other than those specified, should not be smoking or eating and drinking. Should not be brought contaminated protective equipment and gloves to rest stops. Deny unnecessary entry of non-emergency personnel to the handling area.

Safety handling precautions

Avoid contact with skin, eyes or clothing Use personal protective equipment as required

Storage

Safe storage conditions

Storage conditions Store away from sunlight in well-ventilated place at room temperature (preferably cool).

Keep container tightly closed.

Safe packaging material Polyethylene

Incompatible substances Acids, Acidic substances

Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Personal protective equipment

Respiratory protection Protective mask

Hand protection Impermeable protective gloves

Eye protection protective eyeglasses or chemical safety goggles

Skin and body protection Wear suitable protective clothing, protective boots

General hygiene considerations When using do not eat, drink or smoke

Section 9: PHYSICAL AND CHEMICAL PROPERTIES

Form Red clear liquid

Odor Ether

pH 11-14

Melting point/freezing point No data available

Boiling point, initial boiling point and boiling range No data available

Flash point No data available

Evaporation rate: No data available

Flammability (solid, gas): No data available

Upper/lower flammability or explosive limits

Upper : No data available

Lower : No data available

Vapour pressure : No data available

Vapour density : No data available

Specific Gravity (relative density) : 1.0(20°C)

Solubilities : water , ethanol : miscible .

n-Octanol/water partition coefficient: (log Pow) : No data available

Auto-ignition temperature: No data available

Decomposition temperature: No data available

Viscosity (coefficient of viscosity) : No data available

Dynamic viscosity : No data available

Section 10: STABILITY AND REACTIVITY

Stability Stable

Reactivity No self reaction

Conditions to avoid No data available

Incompatible materials No data available

Hazardous decomposition products No data available

Section 11: TOXICOLOGICAL INFORMATION

Acute toxicity

Chemical Name Oral LD50 Dermal LD50 Inhalation LC50

Potassium hydroxide 284 mg/kg LD50(oral, rat)

Glycolether 4300 mg/kg LD50(oral, Mouse), >2000 mg/kg LD50(Dermal, Mouse)

Anionic surfactant >2000 mg/kg LD50(Oral, rat)

Nonionic surfactant >2000 mg/kg LD50(Oral, rat)

Limonene 5300 mg/kg LD50(Oral, rat), >5000 mg/kg LD50(Dermal, Rabbit)

Skin irritation/corrosion No data available

Serious eye damage/ irritation No data available

Section 12: ECOLOGICAL INFORMATION

Ecotoxicity

Chemical Name Algae/aquatic plants Fish Crustacea

Potassium hydroxide *N/A LC50:Gambusia affinis 80 mg/L*

96 h

N/A

Other data No data available

Persistence and degradability No information available

Section 13: DISPOSAL CONSIDERATIONS

Waste from residues

Disposal should be in accordance with applicable regional, national and local laws and regulations.

Contaminated container and contaminated packaging

Do not reuse container

Section 14: TRANSPORT INFORMATION

UN number UN3267

Proper shipping name: CORROSIVE LIQUID, BASIC, ORGANIC, N.O.S.

UN classification 8

Packing group III

Section 15: REGULATORY INFORMATION

Japanese regulations

Fire Service Act No

Poisonous and Deleterious Substances Control Law No

Industrial Safety and Health Act Notifiable Substances (Law Art.57-2, Enforcement Order Art.)

Section 16: OTHER INFORMATION

Literature and references

Revision Note No information available

Disclaimer

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End of Safety Data Sheet