

Material Safety Data Sheet

SECTION 1. Product and Company Identification

Product Name	CLIMAX Maintenance Cleaner
Manufacturer	SOFT99AUTOSERVICE
	3-1-3 Uchimawajimachi , Chuouku, Osaka
	Zip-code 540-0038 Japan
	☎+ 81-6-6947-9955 FAX + 81-6-6945-9991
Product Detail	
*Product Use	liquid detergent
*Limitation on use	For Business

SECTION 2. Hazard Identification

【GHS Classification】

Physical Hazards	Corrosive to Metals	Classification 1
Health Hazards	Acute Toxicity (Oral) Acute	Classification Not Possible
	Toxicity (Dermal)	Classification Not Possible
	Acute Toxicity (Inhalation : Dust)	Classification Not Possible
	Acute Toxicity (Inhalation : Mist)	Classification Not Possible
	Corrosion / Irritation	Classification 2
	Serious Eye Damage / Eye Irritation	Classification 2A Skin
	Sensitization	Classification Not Possible
	Germ Cell Mutagenicity	Classification Not Possible
	Carcinogenicity	Classification Not Possible
	Reproductive Toxicity	Classification Not Possible
Specific Target Organ Toxicity	Single Exposure	Classification Not Possible
	Repeated Exposure	Classification Not Possible
	Aspiration Hazard	Classification Not Possible
Environmental Hazards	Acute Aquatic Toxicity	Classification 3
	Chronic Aquatic Toxicity	Classification Not Possible

【GHS Label Elements】



【Signal word】 :	Warning
【Hazard statement】 :	Serious eye irritation
【Precautionary statement】 :	In case of contact with eyes: Rinse immediately with plenty of water.

SECTION 3. Composition/Information on Ingredients

Mixture

Ingredient	CAS No	Counting(wt %)
Water-soluble organic solvent	Private	15-18
Metal ion blocking agent	Private	5-10
Alkaline Soda	Private	Private
Non-ionic surfactant	Private	10-12

Section 4. First-aid measures

Take off immediately all polluted clothes.

In case of headache and cough, pain in the throat, nausea, seek medical advice.

- 【Inhalation (breathing)】**
- If affected, move to fresh air. Take a rest with the posture that is easy to breathe. In case of breathing has stopped or labored, establish an airway and give rescue breathing. Cover a body with blankets and keep it warm and keep a rest. Get immediate medical attention.
- 【Ingestion (swallowing)】**
- Gargle with water and then take two glasses of water or milk to induce vomiting if have a clear sensorium. Get immediate medical attention. In case of afflicted person is unconscious, don't give some drink.

【Eye Contact】

- Immediately flush with large amount of water for at least 15 minutes, lifting upper and lower lids occasionally. Get medical attention.

【Skin Contact】

- Take off immediately all polluted clothes. Wash exposed area with soap and a large amount of water. In case of irritation to skin and develop a rash, seek medical advice. Wash hands thoroughly after handling.

【Protection of the person first aid】

- If necessary, wear respirator, chemical safety goggles, and rubber gloves.

Section 5. Fire-fighting measures

【Suitable extinguishing Media】

- Fire-extinguishing powder, AFFF (Aqueous film-forming foam fire extinguishing), fire-extinguishing foam, Carbon dioxide gas, water spray.

【Specific danger hazardous property】

- The combustion product gas contains hazardous gas for example NO_x-gas and carbon monoxide. Under special fire condition, there is a possibility that emit toxically gas.

【Specific fire extinguishing method】

- In case of a fire around product, move the container away from ignition sources. If it is impossible to move, cool the container and surroundings by cold water.

【Case of ignite】

- Fire- extinguishing powder, carbon dioxide gas, and dry sand, are used for initial fire. In case of massive fire, it is effective to intercept air with such as foam fire-extinguisher.

【Fire Fighting Equipment】

- Wear full protective clothing and self-contained breathing apparatus.

Section 6. Accidental release measures

【Personal precautions】

- Wear appropriate protective equipment and leaking liquid doesn't adhere to the skin.

【Environmental precautions】

- Prevent entry of spilled content into a river or a waterway. In case of make a dilution in enormous amount water, take care for not to flow out into the environment without being properly handled.

【Methods for recovery and neutralize】

- Intercept leakage source and stop a leak. For small amount, recover the liquid for container tightly closed by absorbed dry sand, soil, and sawdust, rag. For large amount, intercept leakage source and stop a leak by embankment and lead it to the safe place and recovery.

【Prevention of second disaster】

- Remove inflammables. Only authorized people can enter by stretching a rope around the leaking place. Prepare appropriate fire extinguishing agent.

Section 7. Handling and storage

【Handling】

- Wear appropriate protective equipment.

【Storage】

- Keep container tightly closed and in normal conditions.

Section 8. Exposure controls / protection

【Acceptable concentration】

- Not established

【Standard control concentration】

- Not established.

【Equipment countermeasure】

- Unnecessary.

【Respiratory Protection】

- In case of it may inhale vapors, wear a vapor respirator.

【Skin Protection】

- Unnecessary.

【Eye Protection】

- Chemical splash goggles in compliance with OSHA regulations and full face-shield are advised.

【Clothing】

- Unnecessary.

Section 9. Physical and chemical properties

【Appearance】

Form: Liquid

Color: Colorless and transparent Odor:

Odorless

Specific gravity : 1.01

pH:10.1

Boiling Point/Boiling Range: 100°C

Melting Point/Melting Range: No data available Flash

Point: Nothing.

Vapor Pressure: No data available Liquid

Density : No data available

Octanol-water partition coefficient: No data available

Decomposition Temperature: No data available

Viscosity : No data available

Section 10. Stability and reactivity

Stability: Stable under normal conditions

Reactivity: No reactivity under normal conditions

Conditions to Avoid: heating, high temperature, frozen and acid. Mixed hazardous substance : No data available

Hazardous Decomposition Products : No data available

Section 11. Toxicological information

Acute toxicity:

Acute Oral Toxicity Study In Rat : LD₅₀ > 5,000mg/kg Acute Inhalation

Toxicity Study In Fish : LC₅₀ = 158mg/ℓ

Acute Skin Toxicity Study In Rabbit : LD₅₀ > 5,000mg/kg Skin and
Eye Irritation Data:

Acute Dermal Irritation/Corrosion Study In Rabbits: Result of this material was 0.1ml eye drops, slight irritation was observed.

Section 12. Ecological information

Soil Broadcast: No data available

Ecological toxicity: No data available Bioaccumulation

potential: No data available

Section 13. Disposal considerations

Disposal contents and the container comply with laws and regulations appropriately.

Section 14. Transport information

UN number: Not Classified

UN proper shipping name ADR:

Not dangerous goods IATA:

UN Number :-

Class :-

IMDG: Not dangerous goods

Transport hazard class(es): Not applicable Packing group: Not applicable Environmental hazards: Not applicable Special precautions for user:

Do not transport under the direct rays of the sun. Ascertain that containers are closed tight to prevent accidental release. Handle with care.

Section 15. Regulatory information	
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Nothing.

Section 16. Other information	
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The information on this MSDS represents our current data and best opinion as to the proper use and handling of this product under normal conditions. Any use of the products which is not in conformance with this MSDS or which involves using the product in combination with any other product or any other process is the responsibility of the user.