

Material Safety Data Sheet

SECTION 1. Product and Company Identification

Product Name CLIMAX Leather Clear Coat Haedener

Manufacturer SOFT99AUTOSERVICE
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Product Detail

*Product Use Leather Coating
*Limitation on use For Business

SECTION 2. Composition/Information on Ingredients

Mixture

Ingredient	CAS No	Counting (%)
Pure Water	7732-18-5	58~60
Multifunctional polycarbodiimide A	—	15~17
Multifunctional polycarbodiimide B	—	23~25
Dodecylbenzenesulfonic acid sodium salt	—	1.0~1.5

SECTION 3. Hazard Identification

【GHS Classification】

【Physical Hazards】	Flammable Liquid	Not Classified
	Pyrophoric Liquids	Not Classified
	Corrosive to Metals	Classification Not Possible
【Health Hazards】	Acute Toxicity (Oral)	Not Classified
	Acute Toxicity (Dermal)	Not Classified
	Acute Toxicity (Inhalation : Dust)	Not Classified
	Acute Toxicity (Inhalation : Mist)	Not Classified
	Skin Corrosion / Irritation	Classification 3
	Serious Eye Damage / Eye Irritation	Classification 2A
	Skin Sensitization	Not Classified
	Germ Cell Mutagenicity	Not Classified
	Carcinogenicity	Not Classified
	Reproductive Toxicity	Not Classified
	Specific Target Organ Toxicity	
	Single Exposure	Not Classified
Repeated Exposure	Not Classified	
Aspiration Hazard	Not Classified	
【Environmental Hazards】	Acute Aquatic Toxicity	Not Classified
	Chronic Aquatic Toxicity	Not Classified
	Hazardous to the Ozone Layer	Classification Not Possible

【GHS Label Elements】



【Signal word】 :

Warning

【Hazard statement】 :

mild skin irritation
Serious eye irritation

【Precautionary statement】 :

【Safety measures】

- Do not handle till you read and understand all security attention.
- Keep in closed containers.
- Do not breathe vapor, mist, spray
- Use only in well-ventilated areas.
- Avoid release to the environment.
- When using do not eat, drink or smoke.
- Wear suitable protective clothing, gloves and eye/face protector.
- Wash protector thoroughly after handling.
- Wash hands thoroughly after handling.
- Do not take out the polluted work clothes from the workplace.
- Launder the polluted work clothes before re-use.

【First-aid measures】

- In case of accident by inhalation: Remove casualty to fresh air and keep at rest.
- Get immediate medical attention.
- In case of swallowing: Take two glasses of water or milk to induce vomiting if have a clear sensorium. Get immediate medical attention.
- In case of contact with eyes: Rinse immediately with plenty of water for at least 15 minutes and seek medical advice.
- In case of accident by contact with skin: Take off immediately the polluted clothes and wash immediately with plenty of water and soap.
- In case of irritation to skin and develop a rash, seek medical advice.

【Handling and storage】

- Keep container tightly closed and in normal conditions.

【Disposal considerations】

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

Section 4. First-aid measures

Take off immediately all polluted clothes.

In case of have a headache and cough, pain in the throat, nausea, seeks 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 for avoid contact with skin, and avoid inhalation of vapors and mist. In case of it may inhale vapors and mist, wear appropriate protective equipment and perform the ventilation of the work place enough. Wash hands thoroughly after handling.

【Storage】

- Keep container tightly closed and in normal conditions. Do not let get in touch with active hydrogen-containing compounds, such as carboxylic acids, amines and alcohols.

Section 8. Exposure controls / protection

【Acceptable concentration】 : Not established

【Standard control concentration】 : Not established

【Equipment countermeasure】

- Provide sufficient ventilation in case of it may inhale vapors and mist. Eye wash fountains and safety showers must be easily accessible from handling place.

【Respiratory Protection】

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

【Skin Protection】

- Wear impervious protective gloves and boots such as polyethylene or certain synthetic rubbers.

【Eye Protection】

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

【Clothing】

- Wear appropriate long-sleeved clothing.

Section 9. Physical and chemical properties

【Appearance】

Form: Liquid

Color: Milky-white

Odor: Slight peculiar odor

Boiling Point/Boiling Range: No data available

Melting Point/Melting Range: No data available

Flash Point: It can not be measured because it is an aqueous solution.

Ignition Point: No data available

Decomposition Temperature: No data available

Explosion Property: No data available

Vapor Pressure: No data available

Liquid Density : No data available

Solubility :

(Multifunctional polycarbodiimide A)

Water : More than 100g/ 100g

DMSO : More than 100g/ 100g

Toluene : More than 100g/ 100g

Acetone : Less than 0.1g / 100g

n- octanol : Less than 0.1g / 100g

(Multifunctional polycarbodiimide B)

Water : Non soluble

Organic solvent : It is possible to mix with BTX or chloroform.

Octanol-water partition coefficient: No data available

pH:7 -10 (reference)

Section 10. Stability and reactivity

【Stability】

: Stable under normal conditions (at 25° C).

- 【Reactivity】** : This product reacts with active hydrogen-containing compounds, such as carboxylic acids, amines and alcohols.
- 【Conditions to Avoid】** : Store at high temperature and under the direct rays of the sun. Contact with mixed hazardous substance.
- 【Mixed hazardous substance】** : Water prohibitive substance. Oxidant.
- 【Hazardous Decomposition Products】** : In the combustion product gas contains hazardous gas for example NO_x-gas and carbon monoxide.

Section 11. Toxicological information

【Acute toxicity】 :

Acute Oral Toxicity Study In Rat :

LD₅₀ > 2,000mg/kg (Multifunctional polycarbodiimide A)

LD₅₀ = 1,080-1,980mg/kg (Dodecylbenzenesulfonic acid sodium salt, OECD SIDS)

Acute Skin Toxicity Study In Rat :

LD₅₀ > 2,000mg/kg (Multifunctional polycarbodiimide A)

【Skin and Eye Irritation Data】 :

Acute Dermal Irritation/Corrosion Study In Rabbits:

Non Irritant (Multifunctional polycarbodiimide A)

No data available (Multifunctional polycarbodiimide B)

Moderate (at conc. 0.5-2.5%) and/or Serious (at conc. ca 50%) irritation

(Dodecylbenzenesulfonic acid sodium salt, OECD SIDS)

Acute Eye Irritation Study In Rabbit:

Mild Irritant (Multifunctional polycarbodiimide A)

No data available (Multifunctional polycarbodiimide B)

Moderate (at conc. 0.5-2.5%) and/or Serious (at conc. Ca 50%) irritation

(Dodecylbenzenesulfonic acid sodium salt, OECD SIDS)

【Respiratory Sensitization / Skin Sensitization】 :

Respiratory Sensitization : No data available

Skin Sensitization :

Non Sensitive (OECD No. 429, Local Lymph Node Assay)

(Multifunctional polycarbodiimide A)

No data available (Multifunctional polycarbodiimide B)

【Germ cell mutagenicity】 :

Negative (Ames Test) (Multifunctional polycarbodiimide A)

No data available (Multifunctional polycarbodiimide B)

【Carcinogenicity】 : NTP none, IARC Monographs none

【Reproductive toxicity】 : No data available

【Specific target organ systemic toxicity-Single exposure】 : No data available

【Specific target organ systemic toxicity-Repeated exposure】 : No data available

【Aspiration hazards】 : No data available

Section 12. Ecological information

【Soil Broadcast】 : No data available

【Ecological toxicity】 : No data available

【Bioaccumulation potential】 : No data available

【Degradability】 : 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

【Toxic Substances Control Act(TSCA) Status】 :

The ingredients of this product are on the TSCA inventory.

Section 16. Other information

HMIS (Hazardous Materials Identification System) Rating:

HEALTH	1
FLAMMABILITY	0
PHYSICAL HAZARD	0

KEY:0=Insignificant; 1=Slight; 2=Moderate; 3=High; 4=Extreme

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.