

Safety Data Sheet (SDS)

1. Product and Company Information

Product Name	CAR CREAM
Product Code	13320
Company Name	ISHIHARA CHEMICAL CO., LTD
Address	5-26 Nishiyanagiwara-cho, Hyogo-ku, Kobe-shi, Hyogo
Supervising Dept.	RESEARCH&DEVELOPMENT DEPARTMENT
Tel	+81-78-682-2321
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Application	Vehicle body wax
Creation Date	04/03/2008
Revised	30/05/2017
Reference No.	01122-07e

2. Hazards identification

GHS Classification

Flammable liquids	Category 4
Skin corrosion/irritation	Category 2
Carcinogenicity	Category 2
Toxic to Reproduction	Category 1 (1A and 1B)
Specific target organ toxicity (single exposure)	Category 3 (Respiratory tract irritation, Anesthetic action)
Specific target organ toxicity (repeated exposure)	Category 2 (Liver, Testicle, Lung, Central nervous system)
Aquatic hazard (acute)	Category 2
Aquatic hazard (long-term)	Category 2

* Substances without a description are outside the scope of classification, are not classified or are unclassifiable.

GHS label elements

Symbol



Cautionary Terms

Danger

Hazard Information

Combustible liquid
 Causes skin irritation
 Suspected of causing cancer
 May damage fertility or the unborn child

May cause respiratory irritation or May cause drowsiness or dizziness

May cause damage to organs through prolonged or repeated exposure

Toxic to aquatic life

Toxic to aquatic life with long lasting effects

3. Composition/information on ingredients

Chemical Substance and Mixture Classification

- Mixture

Component name/ Chemical name	Components (wt%)	CAS No.	Chemical Substances Control Law ^{*1}	PRTR Law ^{*2}	Poison N/A ^{*3}	Industrial Safety and Health Law ^{*4}
Water	35-45	7732-18-5	Not publicized	Not applicable	Not applicable	Not applicable
Kerosine	30-40	64742-81-0	9-1702	Not applicable	Not applicable	380
Mineral spirits	10-20	Not publicized	Not publicized	Not applicable	Not applicable	551
Silicone	1-5	Not publicized	Not publicized	Not applicable	Not applicable	Not applicable
Wax	1-5	Not publicized	Not publicized	Not applicable	Not applicable	Not applicable
Xylene	0.4	1330-20-7	3-3	1-80	Deleterious Substances	136
Toluene	0.1	108-88-3	3-2	1-300	Deleterious Substances	407

^{*1} Chemical Substances Control Law: Publication reference number (Chemical Substances Control Law)
Priority Assessment Chemical Substances: Includes Xylene, Toluene

^{*2} PRTR Law reported substance
N/A; includes applicable substances but less than the regulated amount

^{*3} Poisonous and Deleterious Substances Control Law
N/A; includes applicable substances, but as mixtures that are not applicable

^{*4} Industrial Safety and Health Law
Display materials: Edict paragraph 18: Harmful substances whose names must be displayed
Notification materials: ISHL paragraph 57.2 and edict paragraph 18.2, table 9: Harmful substances whose names must be notified

Type 1, type 2 and type 3 organic solvent: Edict table 6.2: Ordinance on Prevention of Organic Solvent Poisoning

Materials for display: Includes Kerosine, Mineral spirits, Xylene

Materials to be notified: Includes Kerosine, Mineral spirits, Xylene, Toluene

Ordinance on Prevention of Organic Solvent Poisoning

Applicable. (Type 3 organic solvent : Mineral spirits)

4. First-aid measures

If a large quantity is inhaled

- If you feel unwell following inhalation, move to a location with fresh air, and rest in a posture that facilitates breathing.
- If you do not feel better, consult a physician.
- If symptoms such as drowsiness and dizziness manifest, move to a location with fresh air, and rest in a posture that facilitates breathing.
- If you are breathing and nauseous, incline your head to one side.
- If breathing is shallow, implement artificial respiration or oxygen inhalation.
- The effects of inhalation may be delayed.
- If any of the symptoms described above manifest, consult a physician immediately.

Adhesion to skin

- Wash with running water immediately, and wash the liquid adhesion part thoroughly with soap.
- Remove all soiled clothing immediately. Wash skin under running water.
- Wash with copious amounts of running water and soap. If symptoms such as blisters or pain manifest, consult a physician as necessary.
- If your condition worsens, consult a physician.
- This product is combustible, so beware of naked flames when handling.
- If any of the symptoms described above manifest, consult a physician immediately.
- If adhering to clothes, remove the clothes, and wash the skin adhesions thoroughly with soap.
- If reusing soiled clothing, wash before use.
- IF exposed or concerned : Get medical advice/attention.

Contact with eyes

- Irrigate for at least 15 minutes minimum using clean water. When irrigating the eye, use the fingers to fully open the eyelid, and wash thoroughly with water so that all corners of the eyeball and the eyelid are irrigated.
- If using contact lenses, as long as they are not adhering to the eye, remove them and continue the irrigation.
- If eye irritation persists, consult a physician.
- If severe pain manifests, consult a physician immediately.

If ingested

- Rinse the inside of the mouth with water immediately.
- Consult a physician immediately.
- Do not induce vomiting.
- If there is a risk that a child has ingested the product, consult a physician immediately.

Most important signs and symptoms

- Nothing in particular

Protection of people implementing emergency measures

- Nothing in particular

Special precautions for physicians

- Nothing in particular

5. Fire-fighting measures

Extinguishants

- Powder extinguishants, foam extinguishants, CO₂, and sand

Extinguishants that must not be used

- Do not use water to extinguish the fire.

- Water sprays can be used for cooling, but water rods must never be used.

Specific hazards during a fire

- Flammable gasses include poisonous gasses such as carbon monoxide and nitrogen oxides, so when firefighting, make sure not to inhale the smoke.

Characteristic extinguishing methods

- As far as possible, fight fires from upwind.
- Evacuate all non-essential personnel to a safe location.
- With ambient fires, transfer moveable containers to a safe location promptly.
- Prohibit the entry of non-relevant personnel to the area around the fire.
- To prevent temperature rises due to radiant heat from surrounding equipment, cool the surroundings using water sprays.
- Implement suitable measures so that substances that can affect the environment do not flow away due to the water jets used for extinguishing.

Protection of firefighters

- When firefighting, wear suitable protective equipment (gloves, goggles, mask, etc.)
 - Fight fire from upwind, and avoid inhaling poisonous gasses. Wear protective breathing equipment depending on the circumstances.
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6. Accidental release measures

Personnel precautions, protective equipment, and measures during emergencies

- If indoors, make sure there is thorough ventilation until the processing has ended.
- When processing leaks, make sure to wear protective gloves, protective goggles, and protective clothing, etc.
- Prohibit admission to all non-essential personnel using a rope, etc., around the area of the leak.
- During the cleanup, wear suitable protective equipment, and make sure no spatter adheres to the skin, and not to inhale dust or gasses.
- Work from upwind, and evacuate any personnel from downwind.
- Spills are slippery, so be careful.
- Prepare fire extinguishing equipment in case of fire.

Environmental precautions

- Be careful not to discharge the spilled product into rivers, or to affect the environment.
- If diluting with copious amounts of water, make sure not to discharge the dirty water into the environment without suitable processing.
- Make sure there is no inflow to the environment, such as sewage and rivers.

Collection and neutralization

- If the quantity is small, absorb using an absorbent (sawdust, soil, sand, rags, etc.), and then wipe the remainder thoroughly using a cloth or rag, and collect in a sealable empty container.
- If the quantity is large, prevent outflow by surrounding the leak with earth embankments, and direct to a safe place before processing.
- The product is alkali, so neutralize using acid (dilute hydrochloric acid, dilute sulfuric acid, etc.) as necessary.
- Absorb small remaining quantities after collection using earth and sand or sawdust.
- Process any adhesions or waste according to the relevant laws.
- Stretch a rope around the periphery to prohibit the entrance and exit of personnel.
- If the quantity is small: Absorb using dry sand, soil, or other inflammable substance, and collect in an empty container. Next, wipe away completely using a rag.
- Make sure there is no discharge into rivers or sewage.

Preventing secondary accidents

- Notify the relevant agencies promptly to forestall accidents and prevent the spread in the event of a leak.
 - Prepare extinguishants as well as promptly removing any nearby sources of fire.
 - Use safe equipment to prevent sparks.
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7. Handling and storage

Handling

Technical measures

- Obtain the user manual before use.
- Thoroughly read the precautions for use described on the product, and do not use for any other application.
- Do not handle until you have read and understood all the safety precautions.
- The product is alkali, so avoid contact with acid products.
- Do not inhale dust, smoke, gas, mist, vapor, or spray.

Storage

Suitable storage conditions

- Read the storage conditions described on the product, and store suitably.
- Seal the containers.
- Store in a cool, well-ventilated location.
- Lock the storage location.
- Do not store alongside acid.
- Store in a well-ventilated place. Keep container tightly closed.

Safe container and packaging materials

- Nothing in particular
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8. Exposure controls/personal protection

Equipment Measures

- If vapors, smoke, or mist are emitted, install local ventilators.
- Install local ventilators if using indoors.
- Install equipment according to the Industrial Safety and Health Law (Ordinance on Prevention of Organic Solvent Poisoning).
- Ventilate completely indoors. Install local ventilators in locations with poor ventilation and much vapor creation.

Products for which there is no description are either unknown or there is no data

	Control Concentration	Tolerable concentration
Mineral spirits	Not regulated	525ppm (ACGIH/TWA)

Protective equipment

Respirator equipment

- Wear a protective mask. Wear a dust mask, poison mask, and organic solvent poison mask as necessary.

Hand protective equipment

- Use protective gloves, and solvent-resistant gloves and vinyl gloves, as necessary.
- Wear protective clothing and a protective apron as necessary.

Eye protective equipment

- Wear protective glasses (standard glasses) and, as necessary, goggles and a face mask.
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9. Physical and chemical properties

Appearance:	White liquid
Odor:	Solvent odor
pH:	8.8
Melting point/freezing point:	No data
Boiling point, initial boiling point, and boiling range:	No data
Flash point:	69°C
Flammable:	Yes
Upper and lower limits of combustion and explosion	No data
Vapor pressure:	No data
Vapor density:	No data
Specific gravity:	0.86
Solubility:	Soluble in water
n-Octanol/water partition coefficient:	No data
Spontaneous combustion temperature (ignition point):	No data
Dissolution temperature:	No data
Viscosity:	No data
Other data:	No data

10. Stability and reactivity

Reactivity

Chemical stability

- Nothing in particular

Possibility of harmful reaction

- Reacts fiercely with strong oxidants to cause fire and explosions.

Conditions to be avoided

- Heating, heat sources, and naked flames.
- Avoid contact with strong oxidants.

Hazardous mixtures

- Strong oxidants (Substance is combustible, so avoid contact with strong oxidants.)

Hazardous degradable organisms

- Nothing in particular

Other

- Nothing in particular
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11. Toxicological information

Overall product harmfulness information

No overall product harmfulness information.

Harmfulness information for individual components: Components with no description or which are below the GHS classification cutoff values are unknown, or have no data

Kerosine

Acute toxicity:No useful data

Skin corrosion/irritation : Category 2

Serious eye damage/eye irritation:No useful data

Respiratory sensitization and skin sensitization:No useful data

Germ-cell mutagenicity :No useful data

Carcinogenicity : Category 2

Toxic to Reproduction:No useful data

Specific target organ toxicity (single exposure) : Category 3

Specific target organ toxicity (repeated exposure):No useful data

Aspiration hazard : Category 1

Mineral spirits

Acute toxicity:No useful data

Skin corrosion/irritation : Category 2

Serious eye damage/eye irritation:No useful data

Respiratory sensitization and skin sensitization:No useful data

Germ-cell mutagenicity :No useful data

Carcinogenicity : No usefull data

Toxic to Reproduction:No useful data

Specific target organ toxicity (single exposure) : Category 3

Specific target organ toxicity (repeated exposure) : Category 2

Aspiration hazard : Category 1

12. Ecological information

Overall product harmfulness information

Harmfulness information for individual components: Components with no description or which are below the GHS classification cutoff values are unknown, or have no data

Mineral spirits

Aquatic hazard (acute) : Category 1

Aquatic hazard (long-term) : Category 1

13. Disposal considerations

- Entrust disposal of containers and contents to a specialist disposal contractor who is licensed by the prefectural governor.

14. Transport information

International Regulations

UN No.

Environmentally hazardous substance,liquid,n.o.s. 3082 : Packing group III

UN classification

Hazardous substances class 9

Marine pollutant substances

Applicable

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable

Japanese Regulations

Container yellow labels

Mild and moderate hazardous substances (environmentally hazardous substances) 171

Loading methods

- The laden height during transport is 3m max.

Mixed loads are prohibited

- Class 1 and class 6 hazardous substances
- High-pressure gas

Overland shipping

- Obey the Fire Services Act and other transport laws.

Marine shipping

- Obey the Ship Safety Law.

Air transport

- Obey the Civil Aeronautics Act.

Specific transport safety measures and conditions

- "No naked flames"
 - Verify that the containers are not damaged or leaking.
 - Securely prevent loads toppling.
 - Package, display, and transport according to the applicable laws.
 - Avoid direct sunlight.
 - Water leaks strictly prohibited.
 - Side loading strictly prohibited.
 - If transporting during the summer, do not place directly on hot metal plates or the ground.
 - Handle gently so as not to shock the transport containers. Do not shock or allow to topple.
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15. Regulatory information

Gunpowder Control Law

N/A

High Pressure Gas Safety Law

N/A

Fire Services Act; designated quantities are in parentheses ().

Inner capacity 400ml

Type IV No. 2 soluble oil hazard class III (2,000L)

400ml

Chemical Substances Control Law

Applies. (For details, see 3. Composition and Component Information)

Pollutant Release and Transfer Register Law (PRTR law)

N/A; includes applicable substances but less than the regulated amount.

Poisonous and Deleterious Substances Control Law

N/A; includes applicable substances, but as mixtures that are not applicable.

Industrial Safety and Health Law

Includes substances that must be displayed. (For details, see 3. Composition and Component Information)

Includes substances that must be notified. (For details, see 3. Composition and Component Information)

Industrial Safety and Health Law (Ordinance on Prevention of Organic Solvent Poisoning)

Applies. (For details, see 3. Composition and Component Information)

Includes type III organic solvents.

Law Relating to Prevention of Marine Pollution and Maritime Disaster

Law Relating to Prevention of Marine Pollution and Maritime Disaster: Implementation Order Table 1: Harmful Liquids

Not applicable

Law Relating to Prevention of Marine Pollution and Maritime Disaster: Paragraph 38.1.4: Marine Pollution Substances

Applies to Marine Pollution Substances

Foreign Exchange and Foreign Trade Act (FEFTA)

Export Trade Control Order: Table 1.1 to 1.15m and table 2.1 to 2.44 do not apply

Law Concerning the Protection of the Ozone Layer

Law Concerning the Protection of the Ozone Layer: Implementation Order Table 1 to 9 do not apply

Follow in accordance with all local, state, and federal regulation.

16. Other information

References

Hazard communication of chemicals based on GHS - Labelling and Safety Data Sheet (SDS) JIS Z7253: 2012

Classification of chemicals based on "Globally Harmonized System of Classification and Labelling of Chemicals (GHS)" JIS Z7252: 2014

GHS classification results database (National Institute of Technology and Evaluation website)

Japan Advanced Information Center of Safety and Health website

JACA (Japan Auto Chemical Industry Association) ed.: Chemicals management database

Auto chemical products safety datasheet creation policy (revised version) (JACA)

Regulations for the Carriage and Storage of Dangerous Goods in Ship (pub.: Kaibundo)

SDS published by raw materials manufacturers

*Caution

The Safety Data Sheet is supplied to workers handling hazardous chemical products as reference information to assure safe handling. Make sure the workers engaged in handling understand the importance of suitable measures depending on individual handling circumstances, etc., and that they are themselves responsible for referencing the SDS before use. Consequently, this datasheet is not a guarantee of safety.