

**SAFETY DATA SHEET**

Revised: April 2, 2019

Prepared: June 1, 2009

**1. Identification**Product name: **HI-LUBE CG-334**

Supplier's details :

Company name : HARVES Co., Ltd.  
 Address : PARK SIDE GAKUYA bldg. 6F, 9-21-14, Tokiwa, Urawa-ku,  
 Saitama-shi, Saitama, 330-0061 Japan  
 Section : Quality Assurance Dept.  
 TEL : +81-48-824-2821  
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**2. Hazards identification**

Title of classification: Classification standard not applicable.

GHS classification: Not applicable.

Signal word: None.

Hazard statement: Carbon black is contained in this product, but it is not normally inhaled as a powder because it is kneaded in base oil. There is no danger from powder inhalation exposure.

Environmental impact: No useful information available.

**3. Composition/information on ingredients**

Chemical identity: Mixture

Components:		<u>Contents (mass%)</u>	<u>CAS No.</u>
Base oil	SYNTHETIC HYDROCARBON	85~95	Nondisclosure
Thickener	LITHIUM SOAP	Less than 5	Nondisclosure
	CARBONBLACK	Less than 5	Nondisclosure
Additives	ANTI-OXIDANT	Less than 5	Nondisclosure
Total		100	

Industrial safety and health law: Substances subject to notify their names

- Carbon black (Less than 5mass%)
- Mineral oil (0.18 mass%)

PRTR (Pollutant Release and Transfer Register): Not applicable.

**4. First aids measures**

Eye: Rinse the eyes with a quantity of clean water and receive treatment from a doctor.

Skin: Wash the affected area with soap and water.

Breath: When symptoms appear, move the patient to a place of fresh air.

If the symptoms last, receive treatment from a doctor.

Ingestion: Do not induce vomiting and consult a doctor.

Wash mouth thoroughly with plenty of water if necessary.

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**5. Fire-fighting measures**

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Fire extinguishing method: 1. Cut off the combustion factors to the origin of fire.

2. Extinguish a fire by using fire extinguishing agent.

Fire extinguishing agent: Use foam, powder or carbon dioxide gas. Water may be effective for cooling but may not effect extinguishment.

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**6. Accidental release measures**

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Remove fire from the environment.

Absorb spill with rag, etc. and place in a chemical waste container.

Avoid leaking to the river, sewage line, etc.

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**7. Handling and storage**

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Handling: · May cause eye irritancy. Wear protective eyeglasses or chemical safety goggles.

· May cause skin irritancy. Wear adequate gloves.

· Do not eat.

· May cut fingers when open the container. Wear gloves.

· Prevent this product from contacting high temperature body such as fire, spark. Implement countermeasure against static electricity.

· Handle the product at room temperature. Avoid contamination by water, dust, etc.

Storage: · Seal the container tightly to avoid being contaminated by dust, water etc.

· Keep away from direct sunlight and keep it in cool place.

· Avoid the contact of halogen compounds, strong acids, alkalis and oxidizing substances. Do not store the product at the same location as the substances mentioned above are stored.

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**8. Exposure controls/ personal protection**

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Control concentrations: 〈Carbon black〉 Industrial safety and health law - 3 mg/m<sup>3</sup>

Allowable concentrations: 〈In case of mineral oil mist 〉

Japanese Society for Occupational Health (2010 Edition) - 3mg/m<sup>3</sup>

ACGIH (2013 Edition) TWA - 5 mg/m<sup>3</sup>

〈Carbon black〉

Japan Society of Occupational Health

- 1 mg/m<sup>3</sup>(Respirable dust) 4 mg/m<sup>3</sup>(Total dust)

ACGIH-TLV : TWA - 3 mg/m<sup>3</sup>(Respirable dust)

Equipment measures: When mist generated, seal up the source of release or set up ventilation equipment.

Protective devices and individual protection:

Respiratory protective devices: Wear a gas protection mask (for organic gas) if necessary.

Protective goggles: Wear protective eyeglasses or chemical safety goggles if oil mist generated.

Protective gloves: Wear oil-resistant gloves when prolonged or frequently repeated contact could occur.

Protective clothing: Wear oil-resistant clothing when prolonged or frequently repeated contact could occur.

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**9. Physical and chemical properties**

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Appearance, etc.	:	Black, paste.
Dropping point	:	Higher than 250°C
Evaporation	:	None
Water solubility	:	Insoluble
Density	:	Approx. 0.9 g/cm <sup>3</sup> (15°C)

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**10. Stability and reactivity**

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Flash point:	:	Higher than 220°C
Fire point	:	No data.
Combustibility	:	Flammable.
Stability	:	Stable.
Reactivity	:	Avoid contacts by strong oxidizing agents.

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**11. Toxicology information**

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Eye: Considered little stimulation to eyes.

Skin: Considered little stimulation to skin due to the prolonged or repetitive exposure.

Acute toxicity: Oral toxicity

LD<sub>50</sub>: More than 5g/kg in rat (estimate value).

Carcinogenicity: No data available.

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**12. Ecological information**

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Degradability: No data available.

Accumulation: No data available.

Fish toxicity: No data available.

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**13. Disposal considerations**

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Method of discard: Adequately dispose in the respective company according to the control of the rules and regulations concerned, or entrust to an industrial waste contractor.

Handling of empty containers: May burst if pressure applied. May burst and residue of the product may be ignited by welding, heating up, making holes or cutting the empty container.

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**14. Transport information**

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Follow the general cautions noted in "Cautions for Handling and Storage". Make sure that containers of the product do not develop a leak and not get damaged. Load goods carefully to avoid risk of collapse of cargo.

In addition, take measures according as the law.

UN No.: Not applicable.

UN Classification (IMO): Not applicable.

UN Classification (ICAO): Not applicable.

IATA: Not applicable.

Cautions: Refer to the general cautions noted in "Cautions for handling and storage".

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**15. Regulatory information**

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Fire Service Law: Not applicable.

Industrial Safety and Health Law: Carbon black (less than 5mass%)

Mineral oil (0.18 mass%)

Water Pollution Control Law: Emission regulation of oil content (5mg/L acceptable concentration) as  
N-Hexane extract.

Ship Safety Law: Not applicable.

Law on the Prevention of Marine Pollution: Emission regulation of oil content (prohibited in principle).

Sewerage Law: Mineral oil emission regulation (5mg/L).

Waste Management and Public Cleaning Law: Industrial waste regulation  
(prohibition of spreading and leaking).

PRTR: Not applicable.

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**16. Other information**

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Reference : JIS Z 7252 : 2014

JIS Z 7253 : 2012

Japan Society for Occupational Health (2010)

ACGIH(2013)

CLP Regulation

Remarks : Assessment of danger and harmfulness is not always satisfactory, and so utmost care should be exercised for handling.

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This Data Sheet is prepared based on JIS Z 7253:2012 and intended to provide the optimum information and updated data for adequately using and handling the product under proper conditions. It is no guarantee of the noted data and assessment.