

MATERIAL SAFETY DATA SHEET

Revised: August 18, 2011

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
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2. Hazards identification

Title of classification: Classification standard not applicable.

GHS classification: Not applicable.

Signal word: None.

Hazard statement: No useful information available.

Environmental impact: No useful information available.

3. Composition/information on ingredients

Chemical identity: Mixture

Components:	Contents (mass%)	CAS No.
Base oil POLYALPHAOLEFIN	More than 80	Nondisclosure
Thickener CARBON BLACK	Less than 10	Nondisclosure
LITHIUM SOAP		Nondisclosure
Additives ANTIOXIDANT, etc.	Less than 10	Nondisclosure
Total	100	

Chemical structural formula: Cannot be described.

4. First aids measures

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

Skin: Wash the affected area with soap and water.

Inhalation: 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.

5. Fire-fighting measures

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.

6. Accidental release measures

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.

7. Handling and storage

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.

8. Exposure controls/ personal protection

Control concentrations: Not established.

Allowable concentrations: Japanese Society for Occupational Health (2005 Edition)

3mg/m³ (In case of mineral oil mist)

- ACGIH (2006 Edition) TWA

5 mg/m³ (In case of mineral oil mist)

Equipment measures: Use in a well-ventilated place. When ventilation is not satisfactory, use adequate respiratory protective devices.

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.

9. Physical and chemical properties

Appearance, etc.	:	Black, paste.
Dropping point	:	Higher than 250°C
Evaporation	:	None
Water solubility	:	Not soluble.
Density	:	Approx. 0.9 (15°C, g/cm ³)

10. Stability and reactivity

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

11. Toxicology information

Eye: Considered little stimulation to eyes.

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

Acute toxicity: Oral toxicity

LD₅₀: More than 5g/kg in rat (estimate value).

Carcinogenicity: No data available.

12. Ecological information

Degradability: No data available.

Accumulation: No data available.

Fish toxicity: No data available.

13. Disposal considerations

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.

14. Transport information

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.

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

15. Regulatory information

01:CA Prop 65 02:LA RTK 03:MA RTK 04:MN Hazardous Substance 05:NJ RTK 06:PA RTK
07:CAA Section 112 HAPs 08:CWA Section 307 09:CWA Section 311 10:DOT Marine Pollutant
11:FDA172 12:FDA173 13:FDA174 14:FAD175 15:FDA176 16:FDA177 17:FDA178
18:FDA179 19:FDA180 20:FDA181 21:FDA182 22:FDA184 23:FDA186 24:FDA189
25:IARC Group1 26:IARC Group2A 27:IARC Group2B 28:IARC Group3 29:IARC Group4
30:OSHA Highly Hazardous 31:RCRA Waste Appendix VIII 32:RCRA Waste D-List
33:RCRA Waste P-List 34:RCRA Waste U-List 35:SARA Section 311/312 36:SARA Section313
37:TSCA12(b) 38:TSCA Section4 39:TSCA Section5(a) 40:TSCA Section8(a)CAIR
41:TSCA Section8(a)PAIR 42:TSCA Section8(d) 43:WHIMS-IDL 44:Germany D TAL
45:Germany WKG 46:DEA List1 47:DEA List2

No components of this product were found on the regulatory lists above.

16. Other information

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

This Data Sheet is prepared based on EEC Guideline 67/548, OSHS Hazard communication Standard (29 CFR 190.1200) 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.