



SAFETY DATA SHEET

Created/Revised: May 12 2023



1. Chemical & Company Identification

| | | |
|----------------------|---|---|
| Trade Name | BUSHIDO VHVI 100% synthetic oil S P/GF-6 0W20 | |
| Supplier | Name | KJP LCC |
| | Address | 2F 3-25-2 Maejima, Naha, Okinawa, 9000016 Japan |
| | Routine Inquiries | 070-4333-4334 |
| | Fax | 098-393-2088 |
| Chemical Description | Lubricating Oil | |

2. Hazards Identification

GHS classification Main hazards are as follows

| | |
|---|--|
| Flammable liquid | Not classified (No symbol, no signal word) |
| Acute toxicity (oral) | Not classified (No symbol, no signal word) |
| Acute toxicity (dermal) | Not classified (No symbol, no signal word) |
| Acute toxicity (inhalation, mist) | Not classified (No symbol, no signal word) |
| Serious eye damage/eye irritation | Not classified (No symbol, no signal word) |
| Specific target organ/systemic toxicity (single exposure) | Not classified (No symbol, no signal word) |
| Specific target organ/systemic toxicity (repeated exposure) | Not classified (No symbol, no signal word) |
| Aspiration hazard: | Not classified (No symbol, no signal word) |
| GHS label element | |
| Picture display: | None |
| Signal word | None |
| Hazardous information: | None |

3. Composition/information on ingredients

Chemical name: Petroleum hydrocarbons and additives
Ingredients and content: Lubricating oil VHVI synthetic base oil 80-85 wt%
Lubricating oil additive 15-20 wt%
Chemical or structural formula, structure unknown
Official gazette notification reference number: All constituent substances are existing chemical substances, but the numbers are trade secrets and are not disclosed
(Chemical Proceedings Act/Safety Act)

CAS NO Mixture UN classification and UN number 64; 64742-54-7

4. First-aid measures

| | |
|--------------|--|
| EYE CONTACT | Seek medical advice after washing at least 15 minutes with clean water. |
| SKIN CONTACT | Wash the attached area with water and soap. |
| INHALATION | Get medical attention without forcing you to vomit. Thoroughly rinse the mouth with water |
| INGESTION | Immediately if you feel something is wrong, seek medical advice and attention |

5. Fire-fighting measures

- ① Cut off the combustion source to the fire.
- ② A powder/carbon dioxide fire extinguisher was used for the initial fire.
- ③ In the case of a large-scale fire, it is effective to shut off the air using a foam extinguishing agent, but water injection will spread the fire, and if there is a danger, follow the instructions of the local fire fighting staff.
- ④ Cool down by sprinkling water on surrounding equipment.
- ⑤ When extinguishing fire, wear windshield and wear protective equipment.
- ⑥ Do not allow anyone other than those involved to enter the area around the fire.

6. Accidental release measures

- ① Remove surrounding ignition sources
- ② In the case of a large amount, forbid entry by putting a rope around the leaked area, stop the leaked oil with sand and lead it to a safe place, and collect it in an empty container. Don't let it discharge into river drains, etc.
- ③ In the case of a small amount, it is adsorbed on earth and sand and waste and collected in an empty
- ④ Omitted at sea.

7. Handling and storage

- ① If you want to handle more than the specified quantity, do it at the handling place specified by law.
- ② Avoid contact with flames, sparks, and high-temperature substances, and do not generate steam by flood.
- ③ Handle at room temperature, avoiding contamination with moisture
- ④ Take measures against static electricity and use conductive clothing and shoes.
- ⑤ Be careful of ventilation and fire in the product storage area.
- ⑥ When repairing equipment that contains hazardous materials, remove it in a safe place.
- ⑦ Wear personal protective equipment if there is a risk of skin contact or eye contact.
- ⑧ After use, keep the container tightly closed and store in a cool, dark place with good ventilation.
- ⑨ Avoid mixing with strong acids, alkalis, and oxidizing substances in the storage area, and use electric appliances that are explosion-proof and grounded.

8. Exposure controls/personal protection

Equipment measures If mist is generated, seal the source or install an exhaust system near the facility handling area.

Control concentration Not stipulated (Work environment evaluation standard (2009 Ministry of Health, Labor and Welfare Notification No. 194/195))

Allowable concentration: Japan Society for Occupational Health (2010 version)

Time weighted average TWA 3mg/m³(oil mist)

ACGIH (2010 edition)

Time weighted average TWA 5mg/m³(oil mist)

Personal protection

Respiratory protection Normally not required, but wear a gas mask (for organic gas) as needed

Hand protection: Wear oil-resistant material for long-term or repeated contact.

Eye protection Wear normal glasses if the droplets fly.

Skin and body protection: Wear oil-resistant long-sleeved work clothes when handling for a long period of time or when getting wet

Appropriate hygiene measures Remove wet clothes, wash thoroughly before reuse.

9. Physical and chemical properties

| | |
|--------------------------------------|---|
| Physical condition, shape and color: | Brown transparent |
| Volatility | Not volatile at room temperature |
| Solubility | Hardly soluble in water |
| Density at 15°C, g/ml: | 0.8429 |
| Dynamic viscosity (40°C) | 42.322 |
| Dynamic viscosity (100°C) | 80.626 |
| Viscosity index | 166.9 |
| Explosion limit | Upper limit 7.0% Lower limit 1.0% Estimated value |
| Flash point | 230°C |
| Pour point | -42.5°C |
| Flammability | Pyrophoric/no reactivity with water |
| Acidity | None |
| Self-reactive/explosive | None |
| Stability | Stable |
| Responsiveness | Avoid contact with strong oxidants |

10. Stability and reactivity

| | |
|----------------------------------|--|
| Scientific stability | Stable at room temperature and pressure. |
| Conditions to avoid | Avoid contact with strong oxidants. |
| Incompatible materials | May react on contact with strong oxidants. |
| Hazardous decomposition products | Carbon monoxide, etc. may be generated due to combustion or the like |

11. Toxicological information

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|--|--|
| Skin corrosion and skin irritation | Not expected to be irritating to skin. |
| Serious eye damage or eye irritation | Not expected to cause serious eye damage or eye irritation. |
| Respiratory sensitization | It seems that there is no respiratory sensitization. |
| Germ cell variability | There seems to be no germline variability. |
| Carcinogenic | It was classified into "Not classified" based on the compounding ingredients |
| Reproductive toxicity | Not considered to be reproductive toxic. |
| Specific target organ toxicity (single exposure) | No specific target organ toxicity or single exposure toxicity is expected |
| Specific target organ toxicity (repeated exposure) | It is not considered to be toxic for specific target organ toxicity or repeated exposure. |
| Aspiration respiratory toxicity | It does not correspond to a hydrocarbon with a kinematic viscosity of 20.5 mm ² /s or less when measured at 40° C, which is |

12. Ecological information

| | |
|---------------|---------------------------|
| Degradability | Currently no useful data. |
| Accumulative | Currently no useful data. |
| Fish toxicity | Currently no useful data. |
| The other | Currently no useful data. |

13. Disposal considerations

- (1) The business operator either disposes the industrial waste by itself or consigns it to a licensed industrial waste disposal company.
- (2) Prohibition of dumping.
- (3) When performing landfill disposal, it must be incinerated in advance using incinerators, Waste Treatment and Cleaning" and the cinder must be confirmed to be below the standards set forth in the "Law Enforcement Ordinance on Landfill Disposal".
- (4) When burning, do it in a safe place and by a method that will not cause other harm or damage by burning or explosion, and keep a watchman.
- (5) Containers should be cleaned and recycled or disposed of properly according to relevant legislation and local government standards.
- (6) When discarding empty containers, be sure to completely remove the contents.

14. Transport information

UN Number : Not Applicable
Dangerous Goods Class : Not Applicable
Proper Shipping Name : Not Applicable
SEA(IMDG): Not Regulated
AIR(IATA): Not Regulated
Subject to local laws and regulation

15. Regulatory information

| | | |
|--|---|----------------|
| Industrial Safety and Health Act | 168 | |
| | Substances subject to notification | Mineral oil |
| Cabinet Order Number | 168 | |
| Act on Promotion of Management of Chemical Substance Emissions | | Not applicable |
| Poisonous and Deleterious Substances Control Law | | Not applicable |
| Registration in the substance list | | |
| Fire Service Act | Dangerous Goods Class 4 Class 4 Petroleums Danger Class III | |
| Water Pollution Control Law | Oil discharge regulation (5mg/L allowable concentration) | |
| Marine Pollution Control Law | Oil emission regulations (prohibited in principle) | |
| Sewer Act | Mineral oil emission regulation (5mg/1) | |
| Waste treatment cleaning | Prohibition of diffusion and outflow Prohibition of throwing empty containers | |

16. Other information (literature, etc.)

(References)

Acceptable concentration recommendations (2010) Journal of Japan Society for Occupational Health Thresholds limit values for chemical substances and physical agents and biological exposure indices, ACGIH (2010) ECHA (European Chemicals Agency), website "ECHA CHEM", Information on Registered Substances (2011). SDS of EU suppliers (2011) IARC Monographs Programme on the Evaluation of Carcinogenic Risk to Humans (2006) American Industrial Hygienist Conference : ACGIH documentation (2006) Annex I "List of Hazardous Substances" of EC Council Directive "67/548/EEC" Health and Safety Information Center "GHS model label/model MSDS information" Independent Administrative Agency Product Evaluation Technology Infrastructure (nite) "GHS Related Information" Japanese Standards Association (JIS) JIS Z 7253: 2012 "Method of transmitting hazard information of chemicals based on GHS-label, display in workplace and safety data sheet (SDS)"

(Disclaimer)

Safety Data Sheets are designed to ensure safe handling of hazardous chemical products. It is provided to the handling business as reference information. Business operators can use this as a reference. Therefore, it is your responsibility to take appropriate measures according to the actual conditions of individual handling. Please understand that it is necessary before using it. Therefore, this data sheet itself is not a guarantee of safety. Also listed The information provided is based on the information as of the date of revision, and the content is guaranteed. It is not something to do. The content will continue to change due to various laws and product information revisions. Therefore, the sales and distribution business must always provide the latest safety data sheet