SAFETY DATA SHEET

SECTION 1. IDENTIFICATION

Product identifier OKANO HEAVY QUALITY Q9 SP/CF 15W-40

Other means of identification

Product code 44717

Recommended use of the chemical and restrictions on use

Recommended use Automobile Engine Oil

Recommended restrictions This material should not be used for any other purpose than that recommended.

Supplier's detail

Manufacturer Okanojidousha Co.,LT

Address 693-1,Churaku,Tamaki-cho,Watarai,District Mie,Prefecture Japan

Postal code 519-0412

Phone number +81-596-24-2547

Emergency phone number

Phone number +81−596−24−2547

Contact Available time Monday - Friday 9:00-17:00（Japan Standard Time (JST)）

SECTION 2. HAZARD IDENTIFICATION

GHS classification Not applicable

GHS label elements

Hazard pictograms none

Signal word none

Hazard statement none

Precautionary statements

【Prevention】 none

【Response】 none

【Storage】 none

【Disposal】 none

Other hazards No data available

※Even if the above precautions are not listed in the GHS classification, sufficient consideration should be given to safety measures/first aid measures/storage/disposal with reference to the following information.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Mixtures

Components	Amount(%)
Lubricating base oil	80 - 90
Lubricating oil additive compound liquid	10 - 20

（Lubricating oil base oil is highly refined base oil with less than 3% DMSO extractables by IP346 method）

CAS：Not described owing to enterprise secret.

This product contains substances subject to the following laws and regulations

COMPONENTS	Amount(%)	Laws and Regulations
Mineral oil	85-95	1-1, 1-2
Molybdenum and its compounds	＜1	1-2

1-1 : Japan Industrial Safety and Health Act (Article 57: Labeling)

1-2 : Japan Industrial Safety and Health Act (Article 57-2: Delivery of Documents)

1-3 : Japan Industrial Safety and Health Act (Organic Solvents)

2 : Japan Poisonous and Deleterious Substances Control Act

3 : Japan: PRTR-SDS Law (Classification I)

SECTION 4. FIRST-AID MEASURES

Description of necessary first aid measures

Inhalation
- Move the patient to fresh air. Cover the body with a blanket to keep it warm and at rest, and seek medical attention if necessary.

Skin contact
- Wash affected areas with water and soap.

Eyes contact
- After rinsing the eyes with clean water for at least 15 minutes, seek medical attention.

Ingestion
1. Do not force vomiting, seek medical attention immediately.
2. If the mouth is contaminated, rinse thoroughly with water.

Most important symptoms/ effects, acute and delayed.
1. If swallowed, may cause diarrhea and vomiting.
2. May cause irritation if it gets into the eye.

3 Contact with skin may cause irritation.
4 Inhalation of the mist may make you feel sick.

Indication of immediate medical attention and special treatment needed. If necessary.

Treatment
- No useful information at this time.

SECTION 5. FIRE-FIGHTING MEASURES

Extinguishing media

Suitable extinguishing media
1 Atomized reinforced liquid, foam, powder or carbon dioxide extinguishing agents are effective.
2 Use powder fire extinguishers and carbon dioxide extinguishers for initial fires.
3 For large fires, using foam extinguishers to cut off the air is effective.

unsuitable extinguishing media
- Do not use straight stream of water. May spread fire and be dangerous.

Specific hazards arising from the chemical

Specific fire hazards
- Gases such as carbon monoxide, sulfur oxides, and metal oxides may be generated during combustion.

Specific fire extinguishing methods
1 Cut off the source of combustion to the fire.
2 Sprinkle water on surrounding equipment, etc. for cooling.
3 Prohibit all unauthorized persons from entering the area around the fire location.

Specific protective actions for fire-fighters
- When extinguishing a fire, always do so from upwind and always wear protective equipment.

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Non-emergency personnel
1 Immediately contact emergency responders.
2 Eliminate all ignition sources. Keep unnecessary personnel away.
3 Do not touch or walk through spilled material.
4 Use suitable protective equipment (section 8).Follow all fire-fighting procedures (section 5).
5 Do not touch damaged containers or spilled material unless wearing appropriate protective equipment.
6 When mist is generated, use respiratory equipment to prevent inhalation of mist.

Emergency responders
- Wear oil resistant personal protective clothing.

Environmental precautions
- Avoid contact of spilled material with soil and prevent runoff entering surface waterways.

Methods and materials for containment and cleaning up
1 If emergency personnel are unavailable, contain spilled material.
2 For small spills, add absorbent (soil may be used in the absence of other suitable materials) and use a non-sparking or explosion-proof means to transfer material to a sealable, appropriate container for disposal.
3 For large spills, dike spilled material or otherwise contain material to ensure runoff does not reach a waterway.

SECTION 7. HANDLING AND STORAGE

Precautions for safe handling

General Handling Information
1 Avoid contact with flames, sparks, or hot bodies, and do not vent vapors unnecessarily.
2 Take measures against static electricity, and use conductive work clothes, shoes, etc.
3 When repairing or processing a machine or device that contains hazardous materials, remove the hazardous materials completely in a safe place before starting work.
4 use pumps or other proper equipment for taking out from containers. do not siphon with your mouth using a tube. do not drink.
5 Always close the container after use.
6 Do not put pressure on the container. It may burst under pressure.
7 Emptied container still contains hazardous material which may ignite with explosive violence if heated sufficiently.
8 Handle at room temperature, taking care to avoid contamination by moisture and other miscellaneous substances.
9 Vapors generated from petroleum products are heavier than air, so they tend to stay in the air. Therefore, ventilation and attention to fire are necessary.

Contact avoidance
- Avoid contact with halogens, strong acids, alkalis, and oxidizing substances.

Precautionary Measures
1 If mist is generated, wear respiratory protection and avoid breathing mist.
2 Wear protective equipment if there is a possibility of skin contact or eye contact.

Conditions for safe storage, including any incompatibilities

Safe Storage Conditions
1 Store in a well-ventilated place out of direct sunlight
2 Store in a tightly closed container after use to prevent contamination by dust, moisture, etc.
3 Avoid heat, sparks, flames, and static electricity buildup
4 Electrical apparatus used in the storage area should be explosion-proof and ground the apparatus.

Incompatible material
- Avoid contact with halogens, strong acids, alkalis, oxidizing substances, and storage in the same place.

Safe Container and Packaging Materials
- No special container design is required, but metal or polyethylene containers should be used.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

Occupational exposure limits
- As mineral oil mist.

Japan Society for Occupational Health（2024）	3mg/m^3
ACGIH（2010）TWA	5mg/m^3

Appropriate engineering control

1 If mist is generated, the source should be sealed or an exhaust system should be installed.

2 Install facilities for eye and body washing near the handling area.

Individual protection measures, such as personal protective equipment (PPE)

Respiratory protection	・Normally not required, but wear a gas mask (for organic gases) if necessary.
Skin protection	
Hand protection	・Wear oil-resistant items for prolonged or repeated contact.
Other	・Wear oil-resistant long-sleeved work clothes, etc. when handling the product for a long period of time or when it gets wet.
Eye/face protection	・Wear safety glasses in case of splashing.
Thermal hazards	・Respiratory protection should be worn due to gas emissions at high temperatures.
Special precautions	・Contaminated clothing should be removed and thoroughly washed before reuse.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state	Liquid
Colour	Yellowish brown transparent
Odour	Slight odor
Melting point/freezing point	Pour point: ≦ -20.0℃
Boiling point or initial boiling point and boiling range	Initial retention point: ≧ 250℃ (presumed)
Flammability (solid, gas)	No data available
Lower and upper explosion limit/flammability limit	Explosion limit Lower limit: 1 volume% (estimated value) / Upper limit: 7 volume% (estimated value)
Flash point	≧ 200℃ (COC)
Auto-ignition temperature	No data available
Decomposition temperature	No data available
pH	No data available
Kinematic viscosity	> 20.5 mm^2/sec (40°C)
Solubility	Solubility in water: insoluble
Partition coefficient n-octanol/water (log value)	No data available
Vapour pressure	No data available
Density/relative density	Approx. 0.87g/cm^3 (15°C)
Relative vapour density	No data available
Particle characteristics	No data available

SECTION 10. STABILITY AND REACTIVITY

Reactivity	・No known reactivity under normal conditions of use.
Chemical stability	・Stable under normal conditions.
Possibility of hazardous reactions	・No hazardous reaction under normal handling conditions.
Conditions to avoid	・Avoid high temperatures and sources of ignition.
Incompatible materials	・Avoid contact with halogens, strong acids, alkalis, and oxidizing substances.
Hazardous decomposition products	・Under normal conditions of storage and use, no hazardous decomposition products are formed.
Other Information	・No useful information at this time.

SECTION 11. TOXICOLOGICAL INFORMATION

Product has not been tested. The following descriptions are based on the GHS classification of individual ingredients.

Acute toxicity

ORAL	・ATE > 2000mg/kg 「Classification not possible」 10～20% of the mixture consists of ingredient of unknown acute oral toxicity.
DERMAL	・ATE > 2000mg/kg 「Classification not possible」 10～20% of the mixture consists of ingredient of unknown acute dermal toxicity.
INHALATION	
(Vapours)	・No useful information at this time.
(Dust/mist)	・ATE > 5mg/L 「Classification not possible」

10～20% of the mixture consists of ingredient of unknown acute inhalation toxicity.

Skin corrosion/irritation ・Due to lack of data 「Classification not possible」

Serious eye damage/irritation ・GHS Classification Determination Results 「Not Classified」

Respiratory or skin sensitization

Respiratory sensitization ・No useful information at this time.

Skin sensitization ・Due to lack of data 「Classification not possible」

Germ cell mutagenicity ・Due to lack of data 「Classification not possible」

Carcinogenicity ・Due to lack of data 「Classification not possible」

Reproductive toxicity ・Due to lack of data 「Classification not possible」

STOT-single exposure ・Due to lack of data 「Classification not possible」

STOT-repeated exposure ・Due to lack of data 「Classification not possible」

Aspiration hazard ・Cannot be classified because it does not correspond to hydrocarbons with a kinematic viscosity of 20.5 mm^2/s or less at 40°C.

SECTION 12. ECOLOGICAL INFORMATION

Toxicity

Product has not been tested. The following descriptions are based on the GHS classification of individual ingredients.

HAZARDOUS TO THE AQUATIC ENVIRONMENT

short-term(Acute) ・As a result of GHS classification judgment, "Not Classified" but due to lack of data, "Classification not possible".

Additive ： Contains Category 3 ingredients.

Less than 10% of the mixtur consists of ingredient of unknown hazards to the aquatic environment.

long-term(Chronic) ・As a result of GHS classification judgment, "Not Classified" but due to lack of data, "Classification not possible".

Additive ： Contains Category 3 ingredients.

Less than 10% of the mixtur consists of ingredient of unknown hazards to the aquatic environment.

Persistence and degradability ・No data available

Bioaccumulative potential ・No data available

Mobility in soil ・Generally floats on water

Other adverse effects

HAZARDOUS TO THE OZONELAYER ・Classification not possible

SECTION 13. DISPOSAL CONSIDERATIONS

Disposal methods ・Treatment, storage, transportation, and disposal must be in accordance with applicable Federal, State/Provincial, and Local regulations.
Since emptied containers retain product residue, follow label warnings even after container is emptied.

SECTION 14. TRANSPORT INFORMATION

International regulation

UN Number	・Not regulated.
UN proper shipping name	・Not regulated.
Transport hazard class	・Not regulated.
Packing group	・Not regulated.
Environmental hazards	・Not regulated.
Special precautions for user	・No useful information at this time.
Transport in bulk according to IMO instruments	・Not applicable for product as supplied.

SECTION 15. REGULATORY INFORMATION

Safety, health and environmental regulation specific for the product in question

Inventory Status

Japan inventory (ENCS)	All components are listed or exempted.
United States inventory (TSCA)	All components are listed or exempted.
Canada inventory (DSL)	All components are listed or exempted.
Australia inventory (AICS)	All components are listed or exempted.
Korea inventory (KECL)	All components are listed or exempted.
Taiwan inventory (TCSI)	All components are listed or exempted.
New Zealand inventory (NZIoC)	All components are listed or exempted.

SECTION 16. OTHER INFORMATION

【Citation】

1. Recommendation of Occupational Exposure Limits (2024) Japan Society for Occupational Health

2. Raw materials SDS

【Reference Information】

1. Globally Harmonized System of Classification and Labelling of Chemicals「GHS Rev. 6, 2015」

2. JIS Z 7252:2019 Classification of chemicals based on "Globally Harmonized System of Classification and Labelling of Chemicals (GHS)"

3. JIS Z 7253:2019 Hazard communication of chemicals based on GHS - Labelling and Safety Data Sheet (SDS)

Safety Data Sheets are provided to handling companies as reference information to ensure safe handling of hazardous chemical products. Business operators handling the products are requested to use the Safety Data Sheet as a reference and to understand that they must take appropriate measures according to the actual conditions of their own handling at their own responsibility.

Therefore, this data sheet itself is not a guarantee of safety. The information contained herein is based on information available as of the date of revision and is not a guarantee of its contents. Since the contents may change in the future due to revisions of various laws and regulations or product information, sales and distribution companies are requested to always provide the latest safety data sheets to those who handle the products.