

SAFETY DATA SHEET

Note: Read and understand Safety Data Sheet before handling or disposing of product.

SECTION 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: オカノ Advanced Quality 0W-20 SP
PRODUCT USE: Automobile Engine Oil
PRODUCT CODE: 44710
Name of manufacturer: Okanojidousha Co., LTD.
Address: 693-1, Churaku, Tamaki-cho, Watarai, District Mie, Prefecture J
Tel: +81-596-24-2547
Fax: +81-596-21-0054

SECTION 2. HAZARD IDENTIFICATION

Hazard identification

GHS classification: Not applicable
Symbol: none
Signal word: none
Hazard statement: none
Precautionary statements:
Prevention: none
Response: none
Storage: none
Disposal: none

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

COMPOSITION

COMPONENTS	Amount(%)
Synthetic lubricating base oil	80 ~ 90
Lubricating oil additive compound liquid	10 ~ 20

CAS: Not described owing to enterprise secret.

Hazardous information

COMPONENTS	Amount(%)	CAS No.
Zinc dialkyl dithiophosphate	0.5 ~ 2.5	68649-42-3

SECTION 4. FIRST AID MEASURES

Inhalation: Move exposed person to fresh air.
Cover its body with blanket and keep warm and quiet, and get medical attention if necessary.
Skin: Wash adhered parts with soap and water.

Eyes:	Flush immediately with water for at least 15minutes. Get immediate medical attention.
Ingestion:	Do not make person vomit unless directed to do so by medical Personnel. In case that inside of mouth is contaminated, wash there with water well.

SECTION 5. FIRE FIGHTING MEASURES

Flash point(Typical), °C	200 and over (COC)
Autoignition tempt., °C	Not Determined.
Flammability limits:	Not Determined.
Extinguishing media:	CO2,dry chemical, or foam.
Special fire fighting procedures:	Recommend wearing self-contained breathing apparatus. Water may cause splattering. Material will float on water.
Unusual fire & explosion hazards:	Toxic fumes, gases or vapors may evolve on during.
Explosion data.:	An explosion limit ,Upper limit 7% Bottom 1% (estimate)

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal precautions:	Immediately contact emergency personnel. Eliminate all ignition sources. Keep unnecessary personnel away. Use suitable protective equipment (section 8).Follow all fire-fighting procedures (section 5). Do not touch or walk through spilled material.
Environmental precautions and clean-up methods:	If emergency personnel are unavailable, contain spilled material. 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. For large spills, dike spilled material or otherwise contain material to ensure runoff does not reach a waterway. Place spilled material in an appropriate container for disposal. Avoid contact of spilled material with soil and prevent runoff entering surface waterways. Place spilled material in an appropriate container for disposal. Avoid contact of spilled material with soil and prevent runoff entering surface waterways.

SECTION 7. HANDLING AND STORAGE

Do not weld, heat or drill container. Replace cap or bung. Emptied container still contains hazardous material which may ignite with explosive violence if heated sufficiently.
Minimum feasible handling temperatures should be maintained.
Periods of exposure to high temperatures should be minimized.
Water contamination should be avoided.
CAUTION: Do not use pressure to empty drum or may rupture with explosive force.

SECTION 8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

Eye Protection:	Chemical type goggles or face shield optional.
Skin Protection:	Avoid prolonged or frequently repeated skin contact by wearing impervious protective clothing including gloves.
Respiratory Protection:	Wear a breathing mask.
Ventilation:	No special ventilation is usually necessary. However, if operation conditions create high air borne concentrations of this material, special ventilation may be needed.
Other clothing and Equipment:	No special clothing or equipment is usually necessary.
Work practices, hygienic practices:	No information is available.
Other handling and storage requirements:	No information is available.
Protective measures during maintenance of contaminated equipment:	No Data Available.

Occupational exposure limits

COMPONENTS	ACGIH(2010)	
	TLV-TWA	TLV-STEL
As mineral oil mist.	5mg/m ³	10mg/m ³

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Caramel transparent liquid
Volatility :	None
Density (15°C):	Approx. 0.85 g/cm ³
Flash Point:	200°C and over
Initial distillation point:	250°C and over
Solubility:	Insoluble in water
Pour point:	Approx. -40.0°C

SECTION 10. STABILITY AND REACTIVITY

Stability:	Stable
Conditions to Avoid:	See the Handling and storage section for further details.
Incompatibility (materials to avoid):	Acids. Oxidizing agents. Halogens and halogenated compounds.
Hazardous Polymerization:	Will not occur

SECTION 11. TOXICOLOGICAL INFORMATION

Acute Oral:	No Data Available	Believed to be greater than 5g/kg(rat) Practically non-toxic
Dermal:	No Data Available	Believed to be greater than 5g/kg(rat) Practically non-toxic
Carcinogen:	OSHA: EU:	This material is listed as Group 3 by IARC No classification recommended

SECTION 12. ECOLOGICAL INFORMATION

Biodegradation: No Data Available
Environmental fate: This material is not expected to present any environmental problems other than those associated with oil spills.

SECTION 13. DISPOSAL CONSIDERATION

Waste Disposal Method:

Place contaminated materials in disposable containers and dispose of in a manner consistent with applicable regulations. Contact local environmental or health authorities for approved disposal of this material.

SECTION 14. TRANSPORT INFORMATION

International regulation

UN No. : Not classified as dangerous goods for transport.
UN proper shipping name : Not applicable.
Transport hazard class : Not applicable.
Packing group : Not applicable.

SECTION 15. REGULATION INFORMATION

The U.S.TSCA inventory	All components are listed or exempted.
Canada inventory	All components are listed or exempted.
Japan inventory (ENCS)	All components are listed or exempted.
Australia inventory (AICS)	All components are listed or exempted.
Korea inventory (KECL)	All components are listed or exempted.
Philippines inventory (PICCS)	All components are listed or exempted.
New Zealand inventory (NZIoC)	All components are listed or exempted.
Taiwan inventory (TCSI)	All components are listed or exempted.

SECTION 16. OTHER INFORMATION

References:

1. GHS Rev.6 (2015)
 2. JIS Z 7252: 2019
 3. JIS Z 7253: 2019
 4. Raw materials SDS
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Safety Data Sheet is supplied for the enterprisers handing this liquid with regard to dangerous and harmful chemical products as reference information to get safe handling.

Please use this sheet as reference and on their own responsibility after understanding necessity to treat appropriate disposal according to the actual situation of individual handling, etc. Therefore, this Safety Data Sheet is not a written guarantee for safety.