

HONDA	SAFETY DATA SHEET	Page : 1 / 10
		Revision nr : 1
	Honda 0W - 20 Car Engine Oil	Issuing date : 30/08/2013
		Supersedes : HONDA-607

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Trade name/designation : Honda 0W - 20 Car Engine Oil
Product code : 08232P99A5/6LHE

1.2. Relevant identified uses of the substance or mixture and uses advised against

Specific use(s) : Lubricants

1.3. Details of the supplier of the safety data sheet

Company : HONDA Europe NV
Langerbruggestraat 104
9000 Gent , BELGIUM
Telephone: +32 (0)9 250 1211
Fax: +32 (0)9 250 1230
E-mail: Kristiaan.van.renterghem@honda-eu.com

National representative : United Kingdom:
Honda Motor Europe Ltd
London Road 470, SL3 8QY Slough Berkshire, Great Britain
Tel: 0044 1753590326

1.4. Emergency telephone number

Emergency telephone : +32 (0)3 575 0330 (This telephone number is available 24 hours per day, 7 days per week.)

IRELAND (REPUBLIC OF)
National Poisons Information Centre
Beaumont Hospital +35 318 37 99 64
UNITED KINGDOM
National Poisons Information Service
(Newcastle Centre) 0870 600 6266 (UK only)
Regional Drugs and Therapeutics Centre,
Wolfson Unit

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

2.1.1. Classification according to Regulation (EU) 1272/2008

Mixture: CLP classification not requested

2.1.2. Classification according to EU Directives 67/548/EEC or 1999/45/EC

Classification : The product is non-dangerous in accordance with Directive 1999/45/EC.

Not classified

2.2. Label elements

2.2.1. Labelling according to Regulation (EU) 1272/2008

Mixture: CLP classification not requested

HONDA	SAFETY DATA SHEET	Page : 2 / 10
		Revision nr : 1
	Honda 0W - 20 Car Engine Oil	Issuing date : 30/08/2013
		Supersedes : HONDA-607

2.2.2. Labelling according to Directives (67/548 - 1999/45)

Not applicable.

2.3. Other hazards

Other hazards : Results of PBT and vPvB assessment :
This information is not available.

SECTION 3: Composition/information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

Substance name	Product identifier	%	Classification according to Directive 67/548/EEC
Severely refined mineral oils	(CAS No.) - (EC No) - (EC Index) -	80 - 90	Not classified
Substance name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Severely refined mineral oils	(CAS No.) - (EC No) - (EC Index) -	80 - 90	Not classified

Full text of R-, H- and EUH-phrases: see section 16

Identification of the mixture : Mixture

SECTION 4: First aid measures

4.1. Description of first aid measures

Inhalation : Provide fresh air.
Keep at rest.
If breathing is irregular or stopped, administer artificial respiration.
If breathing is difficult, give oxygen.
Get medical advice/attention.

Skin contact : Wash with plenty of water.
Take off all contaminated clothing immediately.
Wash contaminated clothing before reuse.
Get medical advice/attention.

Eye contact : Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes.
Remove contact lenses, if present and easy to do. Continue rinsing.
Get medical advice/attention.

Ingestion : Rinse mouth.
If swallowed, do not induce vomiting: seek medical advice immediately and show this container or label.
Get immediate medical advice/attention.

Additional advice : First aider: Pay attention to self-protection!
See also section 8 .
Never give anything by mouth to an unconscious person or a person with cramps.
Treat symptomatically.
Show this safety data sheet to the doctor in attendance.
When in doubt or if symptoms are observed, get medical advice.

HONDA	SAFETY DATA SHEET	Page : 3 / 10
		Revision nr : 1
	Honda 0W - 20 Car Engine Oil	Issuing date : 30/08/2013
		Supersedes : HONDA-607

4.2. Most important symptoms and effects, both acute and delayed

Inhalation	: May be harmful if inhaled. These may irritate eyes, nose and throat.
Skin contact	: May be irritating. Prolonged or repeated skin contact may cause removal of natural fat from the skin resulting in dermatitis (skin inflammation).
Eye contact	: Contact with eyes may cause irritation.
Ingestion	: May be harmful if swallowed. Mineral oil has laxative properties.
Other adverse effects	: No adverse effect has been observed in chronic toxicity tests.

4.3. Indication of any immediate medical attention and special treatment needed

No data available

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media	: Use powder, CO2, water spray or alcohol resistant foam.
Extinguishing media which shall not be used for safety reasons	: Strong water jet .

5.2. Special hazards arising from the substance or mixture

Fire hazard	: Combustible
Specific hazards	: Hazardous decomposition products: COx. Do not allow run-off from fire-fighting to enter drains or water courses. Dispose according to legislation.

5.3. Advice for firefighters

Advice for firefighters	: Special protective equipment for firefighters. In case of fire: Wear self-contained breathing apparatus. Use water spray jet to protect personnel and to cool endangered containers.
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SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

For non-emergency personnel	: Evacuate area. Provide adequate ventilation. Use personal protective equipment as required. See also section 8. Avoid contact with skin and eyes. Do not breathe vapour/spray. Keep away from heat/sparks/open flames/hot surfaces. - No smoking.
For emergency responders	: Only qualified personnel equipped with suitable protective equipment may intervene. See also section 8.

6.2. Environmental precautions

Environmental precautions	: Do not allow to enter into surface water or drains.
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6.3. Methods and material for containment and cleaning up

Methods for cleaning up	: Dam up. Absorb with liquid-binding material (e.g. sand, diatomaceous earth, acid- or universal binding agents). Special danger of slipping by leaking/spilling product. Collect in closed and suitable containers for disposal.
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HONDA	SAFETY DATA SHEET	Page : 4 / 10
		Revision nr : 1
	Honda 0W - 20 Car Engine Oil	Issuing date : 30/08/2013
		Supersedes :
		HONDA-607

Dispose according to legislation.
Do not flush with water.

6.4. Reference to other sections

See also section 8 & 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Handling

- : Provide adequate ventilation.
- Use personal protective equipment as required.
- See also section 8.
- Do not take internally.
- Avoid contact with skin and eyes.
- Do not breathe vapour/spray.
- Keep away from heat/sparks/open flames/hot surfaces. - No smoking.
- Provide adequate precautions, such as electrical grounding and bonding, or inert atmospheres.
- Do not burn, or use a cutting torch on, the empty drum.
- Never use pressure to empty container.
- After use replace the closing cap immediately.
- Ensure proper process control to avoid excess waste discharge (temperature, concentration, pH value, time).
- Do not allow to enter into surface water or drains.
- Take any precaution to avoid mixing with incompatible materials.
- See also section 10 .

Advices on general occupational hygiene

- : Keep good industrial hygiene.
- Wash hands and face before breaks and immediately after handling of the product.
- When using do not eat, drink or smoke.
- Take off contaminated clothing and wash before reuse.
- Keep away from food, drink and animal feedingstuffs.

7.2. Conditions for safe storage, including any incompatibilities

Storage

- : Keep container tightly closed in a cool, well-ventilated place.
- Keep away from heat/sparks/open flames/hot surfaces. - No smoking.
- Ensure that the equipment is adequately grounded.
- Do not store near or with any of the incompatible materials listed in section 10.

Packaging material

- : Keep/Store only in original container.

7.3 Specific end use(s)

No data available

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Exposure limit values

- : TLV - TWA (mg/m³) : (oil mist) 1 (SE, NO); 5 (BE, NL, GB, FR, DE, FI, DK)
- TLV - STEL (mg/m³) : (oil mist) 3 (SE); 10 (BE, GB)

Recommended monitoring procedures:

- : Concentration measurement in air
- Personal monitoring

HONDA	SAFETY DATA SHEET	Page : 5 / 10
		Revision nr : 1
	Honda 0W - 20 Car Engine Oil	Issuing date : 30/08/2013
		Supersedes : HONDA-607

8.2. Exposure controls

Personal protective equipment	: Not required under normal use. Choose body protection according to the amount and concentration of the dangerous substance at the work place.
Respiratory protection	: In case of insufficient ventilation, wear suitable respiratory equipment. Respirator with a full face mask (EN136). Respirator with a half face mask (EN140). Recommended Filter type: AP. (EN141)
Hand protection	: During splash contact: Wear chemically resistant gloves (tested to EN374) . Viton ®, Nitrile rubber . The selection of specific gloves for a specific application and time of use in a working area, should also take into account other factors on the working space, such as (but not limited to): other chemicals that are possibly used, physical requirements (protection against cutting/drilling, skill, thermal protection), and the instructions/specification of the supplier of gloves. The exact break through time can be obtained from the protective glove producer and this has to be observed.
Eye protection	: During splash contact: Wear eye glasses with side protection according to EN 166. .
Body protection	: Wear suitable protective clothing. Overalls, apron and boots recommended.
Thermal hazard protection	: Heat resistant gloves .
Engineering control measures	: Provide adequate ventilation. A washing facility/water for eye and skin cleaning purposes should be present. Take precautionary measures against static discharges. Organisational measures to prevent /limit releases, dispersion and exposure See also section 7 .
Environmental exposure controls	: Do not allow to enter into surface water or drains. Comply with applicable Community environmental protection legislation.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance	: liquid
Colour	: No data available
Odour	: No data available
Odour Threshold	: no data available
pH	: no data available
Freezing point	: no data available
Boiling point/boiling range	: > 200 °C Initial boiling point
Flash point	: > 100 °C (COC)
Evaporation rate	: no data available
Flammability (solid, gas)	: not applicable
Explosion limits (LEL, UEL)	: no data available
Vapour pressure	: no data available
Vapour density	: no data available
Density	: 0,85 g/cm ³ (@15°C)

HONDA	SAFETY DATA SHEET	Page : 6 / 10
		Revision nr : 1
	Honda 0W - 20 Car Engine Oil	Issuing date : 30/08/2013
		Supersedes : HONDA-607

Water solubility	: Insoluble
Solubility in other solvents	: no data available
Partition coefficient: n-octanol/water	: no data available
Autoignition temperature	: no data available
Decomposition temperature	: no data available
Viscosity	: no data available
Explosive properties	: not applicable The study does not need to be conducted because there are no chemical groups associated with explosive properties present in the molecule.
Oxidizing properties	: not applicable The classification procedure needs not to be applied because there are no chemical groups present in the molecule which are associated with oxidising properties.

9.2. Other information

Pour point	: -50 °C
Surface tension	: no data available

SECTION 10: Stability and reactivity

10.1. Reactivity

Reactivity	: See also section 10.5
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10.2. Chemical stability

Stability	: Stable under recommended storage conditions.
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10.3. Possibility of hazardous reactions

Possibility of hazardous reactions	: Hazardous polymerisation does not occur. See also section 7 .
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10.4. Conditions to avoid

Conditions to avoid	: Heat, flames and sparks. See also section 7 .
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10.5. Incompatible materials

Incompatible materials	: Acids / Oxidizing agents . See also section 7 .
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10.6. Hazardous decomposition products

Hazardous decomposition products	: Hazardous decomposition products: Carbon monoxide, carbon dioxide and unburned hydrocarbons (smoke).
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SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity	: Not classified (Based on available data, the classification criteria are not met.)
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Severely refined mineral oils (-)	
LD50/oral/rat	> 2000 mg/kg
LD50/dermal/rat	> 3000 mg/kg

Irritation	: Not classified (Based on available data, the classification criteria are not met.) pH: no data available
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HONDA	SAFETY DATA SHEET	Page : 7 / 10
		Revision nr : 1
	Honda 0W - 20 Car Engine Oil	Issuing date : 30/08/2013
		Supersedes : HONDA-607

Corrosivity	: Not classified (Based on available data, the classification criteria are not met.) pH: no data available
Sensitisation	: Not classified (Based on available data, the classification criteria are not met.)
Repeated dose toxicity	: Not classified (Based on available data, the classification criteria are not met.)
Carcinogenicity	: Not classified (Based on available data, the classification criteria are not met.)
Mutagenicity	: Not classified (Based on available data, the classification criteria are not met.)
Toxicity for reproduction	: Not classified (Based on available data, the classification criteria are not met.)

Other information

Symptoms related to the physical, chemical and toxicological characteristics, see section 4.2.

SECTION 12: Ecological information

12.1. Toxicity

Toxicity : No information available.

12.2. Persistence and degradability

Persistence and degradability : No information available.

12.3. Bioaccumulative potential

Bioaccumulation : No information available.

Partition coefficient: n-octanol/water : no data available

12.4. Mobility in soil

Mobility : No information available.

Surface tension : no data available

12.5. Results of PBT and vPvB assessment

PBT/vPvB : No information available.

12.6. Other adverse effects

Other information : No information available.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Waste from residues / unused products	: Handle with care. See also section 7 : Handling and storage . Dispose according to legislation. Where possible recycling is preferred to disposal or incineration. Collect and dispose of waste product at an authorised disposal facility. Liquid product may not be disposed of with household waste or landfilled. Do not allow to enter into drains/waters or in the soil.
Contaminated packaging	: Empty containers should be taken to an approved waste handling site for recycling or disposal. This material and its container must be disposed of as hazardous.

HONDA	SAFETY DATA SHEET	Page : 8 / 10
		Revision nr : 1
	Honda 0W - 20 Car Engine Oil	Issuing date : 30/08/2013
		Supersedes : HONDA-607

List of suggested waste codes/waste designations in accordance with the EWC: : Classified as hazardous waste according to European Union regulations.
The following Waste Codes are only suggestions:
130205 - mineral-based non-chlorinated engine, gear and lubricating oils .
Waste codes should be assigned by the user, preferably in discussion with the waste disposal authorities.

SECTION 14: Transport information

14.1. UN number

UN-No. : NA

14.2. UN proper shipping name

Proper Shipping Name : NA

14.3. Transport hazard class(es)

14.3.1. Overland transport

ADR/RID : Not classified for this transport way.
Class : Not applicable

14.3.2. Inland waterway transport (ADN)

ADN : Not classified for this transport way.

14.3.3. Transport by sea

IMDG : Not classified for this transport way.
Class or Division : Not applicable

14.3.4. Air transport

ICAO/IATA : Not classified for this transport way.
Class or Division : Not applicable

14.4. Packing group

Packing group : NA

14.5. Environmental hazards

Other information : Not applicable.

14.6 Special precautions for user

Special precautions for user : Not applicable.

14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Code: IBC : Not applicable.

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

15.1.1. EU-Regulations

Restrictions on use : not applicable

HONDA	SAFETY DATA SHEET	Page : 9 / 10
		Revision nr : 1
	Honda 0W - 20 Car Engine Oil	Issuing date : 30/08/2013
		Supersedes :
		HONDA-607

This product contains an ingredient according to the candidate list of Annex XIV of the REACH Regulation 1907/2006/EC.

Authorisations : none
: not applicable

15.1.2. National regulations

DE: WGK : -
DE: Technische Regeln für Gefahrstoffe (TRGS) : Not applicable
DE: Risk classification according to VbF : Not applicable
NL: ABM : 11 - Weinig schadelijk voor in het water levende organismen (B)
NL: NeR (Nederlandse emissie Richtlijn) : Organic Substances

15.2. Chemical safety assessment

Chemical Safety Assessment : No data available

SECTION 16: Other information

Key literature references and sources : SDS of Idemitsu Kosan Co., Ltd. (Honda Engine Oil 0W20), date prepared 2011/11/17 for data

Safety datasheet sections which have : 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16 been updated:

Abbreviations and acronyms : ADN = Accord Européen relatif au Transport International des Marchandises Dangereuses par voie de Navigation du Rhin
ADR = Accord européen relatif au transport international des marchandises Dangereuses par Route
CLP = Classification, Labelling and Packaging Regulation according to 1272/2008/EC
IATA = International Air Transport Association
IMDG = International Maritime Dangerous Goods Code
LEL = Lower Explosive Limit/Lower Explosion Limit
UEL = Upper Explosion Limit/Upper Explosive Limit
REACH = Registration, Evaluation, Authorisation and Restriction of Chemicals
EC50 = Median Effective Concentration
LC50 = Median lethal concentration
LD50 = Median lethal dose
TLV = Threshold limits
TWA = time weighted average
STEL = Short term exposure limit
NA = not applicable
ABM = Algemene beoordelingsmethodiek persistent, bioaccumulating and toxic (PBT).
vPvB = very persistent and very bioaccumulating
WGK = Wassergefährdungsklasse (Water Hazard Class under German Federal Water Management Act)

The contents and format of this SDS are in accordance with EEC Commission Directive 1999/45/EC, 67/548/EC, 1272/2008/EC and EEC Commission Regulation 1907/2006/EC (REACH) Annex II.

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HONDA	SAFETY DATA SHEET	Page : 10 / 10
		Revision nr : 1
		Issuing date : 30/08/2013
	Honda 0W - 20 Car Engine Oil	Supersedes :
		HONDA-607

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