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	PRO HONDA Fuel Stabilizer	Revision nr : 3
		Issuing date : 25/11/2013
		Supersedes : 14/02/2013
		HONDA-589

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

1.1. Product identifier

Trade name/designation : PRO HONDA Fuel Stabilizer
Product code : 08CXZ-FSC-250

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

Specific use(s) : Additive

1.3. Details of the supplier of the safety data sheet

Company : HONDA Access Europe NV
Wijngaardveld 1
9300 Aalst , BELGIUM
Telephone: +32 (0)53 767011
Fax: +32 (0)53 767080
E-mail: leen.vande.kerckhove@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 : This mixture is classified as hazardous according to 1999/45/EC.
Xn; R65
R10
R66
R67
R52/53

Full text of R-phrases: see section 16

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2.2. Label elements

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

Mixture: CLP classification not requested

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

Hazard symbols :



Xn - Harmful

Contains : Hydrocarbons, C9-C10, n-alkanes, isoalkanes, cyclics, <2%

R-phrases : R10 - Flammable.
R52/53 - Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R65 - Harmful: may cause lung damage if swallowed.
R66 - Repeated exposure may cause skin dryness or cracking.
R67 - Vapours may cause drowsiness and dizziness.

S-phrases : S2 - Keep out of the reach of children.
S23 - Do not breathe spray.
S24 - Avoid contact with skin.
S29 - Do not empty into drains.
S46 - If swallowed, seek medical advice immediately and show this container or label.
S61 - Avoid release to the environment. Refer to special instructions/Safety data sheets.

2.3. Other hazards

Other hazards : Results of PBT and vPvB assessment :
This mixture contains no substance considered to be persistent, bioaccumulating nor toxic (PBT).
This mixture contains no substance considered to be very persistent nor very bioaccumulating (vPvB).

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
Hydrocarbons, C9-C10, n-alkanes, isoalkanes, cyclics, <2%	(CAS No.) - (EC No) 927-241-2 (EC Index) - (REACH-no) 01-2119471843-32	> 50	Xn; R65 R10 R66 R67 R52/53
Substance name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Hydrocarbons, C9-C10, n-alkanes, isoalkanes, cyclics, <2%	(CAS No.) - (EC No) 927-241-2 (EC Index) - (REACH-no) 01-2119471843-32	> 50	Flam. Liq. 3, H226 STOT SE 3, H336 Asp. Tox. 1, H304 Aquatic Chronic 3, H412

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

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SECTION 4: First aid measures

4.1. Description of first aid measures

Inhalation	: Keep at rest. Provide fresh air. Consult a physician for severe cases.
Skin contact	: Wash with plenty of soap and water. When in doubt or if symptoms are observed, get medical advice.
Eye contact	: Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. When in doubt or if symptoms are observed, get medical advice.
Ingestion	: Rinse mouth thoroughly with water. Do not induce vomiting. Get medical advice/attention.
Additional advice	: First aider: Pay attention to self-protection! See also section 8 . Treat symptomatically. Show this safety data sheet to the doctor in attendance. Never give anything by mouth to an unconscious person or a person with cramps.

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

Inhalation	: Vapours may cause drowsiness and dizziness.
Skin contact	: Repeated exposure may cause skin dryness or cracking. Causes mild skin irritation. . Redness . May be absorbed through the skin.
Eye contact	: Contact with eyes may cause irritation. Most important symptoms : Redness .
Ingestion	: Harmful: may cause lung damage if swallowed. Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhoea. Headache, Cramps.

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 water spray, alcohol-resistant foam, dry chemical or carbon dioxide.
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	: Flammable
Specific hazards	: In use, may form flammable/explosive vapour-air mixture. Vapours are heavier than air and may spread along floors. Vapours can travel considerable distances to a source of ignition where they can ignite, flash back, or explode. The pressure in sealed containers can increase under the influence of heat. 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	: Use personal protective equipment as required.
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In case of fire: Wear self-contained breathing apparatus.
Use water spray jet to protect personnel and to cool endangered containers.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

- For non-emergency personnel : Provide adequate ventilation.
Evacuate area.
Use personal protective equipment as required.
See also section 8.
Do not breathe vapour/spray.
Avoid contact with skin, eyes and clothes.
Remove all sources of ignition.
- For emergency responders : Only qualified personnel equipped with suitable protective equipment may intervene.
See also section 8 .

6.2. Environmental precautions

- Environmental precautions : Prevent product from entering drains.
Do not allow to enter into surface water or drains.

6.3. Methods and material for containment and cleaning up

- Methods for cleaning up : Stop leak if safe to do so.
Dam up.
Absorb with liquid-binding material (e.g. sand, diatomaceous earth, acid- or universal binding agents).
Collect in closed and suitable containers for disposal.
Dispose according to legislation.
After cleaning, flush away traces with water.

6.4. Reference to other sections

- See also section 8 .
See also section 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.
Avoid contact with skin, eyes and clothes.
Do not breathe vapour/spray.
Keep away from heat/sparks/open flames/hot surfaces. - No smoking.
Take precautionary measures against static discharges.
When using do not smoke.
Do not burn, or use a cutting torch on, the empty drum.
After use replace the closing cap immediately.
Do not allow to enter into surface water or drains.
Ensure proper process control to avoid excess waste discharge (temperature, concentration, pH value, time).
- 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.

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Keep work clothes separately.
Take off contaminated clothing and wash before reuse.

7.2. Conditions for safe storage, including any incompatibilities

- Storage : Do not store near or with any of the incompatible materials listed in section 10.
Keep container tightly closed in a cool, well-ventilated place.
Keep away from heat/sparks/open flames/hot surfaces. - No smoking.
Protect from frost, heat and sunlight.
- 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 : No information available.

8.2. Exposure controls

- Personal protective equipment : Choose body protection according to the amount and concentration of the dangerous substance at the work place.
- Respiratory protection : Respirator with a half face mask (EN140).
Respirator with a full face mask (EN136).
Recommended Filter type: A (EN141).
- Hand protection : Wear chemically resistant gloves (tested to EN374) . Recommended material: Viton ® . Breakthrough time (maximum wearing time) >8h, Thickness of the glove material >0,3mm. 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.
- Eye protection : Not required under normal use. Wear eye glasses with side protection according to EN 166. .
- Body protection : Overalls, apron and boots recommended.
- 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

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Odour	: characteristic
Odour Threshold	: not applicable
pH	: no data available
Melting point/range	: no data available
Boiling point/boiling range	: 130 - 166 °C
Flash point	: 24 °C
Evaporation rate	: 0,35 Relative evaporation rate (butylacetate=1)
Flammability (solid, gas)	: not applicable
Explosion limits (LEL, UEL)	: LEL 0,6 vol % - UEL 7 vol %
Vapour pressure	: 460 Pa @ 20°C
Vapour density	: not applicable
Relative density	: 0,769 @ 20°C
Water solubility	: Insoluble
Solubility in other solvents	: no data available
Partition coefficient: n-octanol/water	: NA : Substance is complex UVCB.
Autoignition temperature	: 200 °C
Decomposition temperature	: no data available
Viscosity	: (@20°C) 1 mm ² /s Kinematic viscosity (@20°C) 1 mPa.s Dynamic viscosity
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

Volatile organic compounds (VOC) content in percent by weight: : 730,6 g/l (95%)

SECTION 10: Stability and reactivity

10.1. Reactivity

Reactivity : Flammable liquid
See also section 10.5

10.2. Chemical stability

Stability : The product is stable under storage at normal ambient temperatures.

10.3. Possibility of hazardous reactions

Possibility of hazardous reactions : None known.

10.4. Conditions to avoid

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

10.5. Incompatible materials

Incompatible materials : Incompatible with strong acids and oxidizing agents. See also section 7.

10.6. Hazardous decomposition products

Hazardous decomposition products : Hazardous decomposition products: Carbon oxides .

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SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity : Harmful: may cause lung damage if swallowed.

PRO HONDA Fuel Stabilizer	
LD50/oral/rat	4062 mg/kg calculated.

Irritation	: Not classified (Based on available data, the classification criteria are not met.) pH: no data available
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 : Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

12.2. Persistence and degradability

Persistence and degradability : no data available

12.3. Bioaccumulative potential

Bioaccumulation : no data available
Partition coefficient: n-octanol/water : NA : Substance is complex UVCB.

12.4. Mobility in soil

Mobility : No information available.

12.5. Results of PBT and vPvB assessment

PBT/vPvB : This mixture contains no substance considered to be persistent, bioaccumulating nor toxic (PBT).
This mixture contains no substance considered to be very persistent nor very bioaccumulating (vPvB).

12.6. Other adverse effects

Other information : No information available.

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SECTION 13: Disposal considerations

13.1. Waste treatment methods

- Waste from residues / unused products : Handle with care.
See also section 7:
Handling and storage .
Do not allow to enter into surface water or drains.
Dispose according to legislation.
Where possible recycling is preferred to disposal or incineration.
Collect and dispose of waste product at an authorised disposal facility.
- Contaminated packaging : Do not pierce or burn, even after use. Do not spray on a naked flame or any incandescent material.
Empty containers should be taken to an approved waste handling site for recycling or disposal.
- List of suggested waste codes/waste designations in accordance with the EWC: : The following Waste Codes are only suggestions:
15 01 10* - packaging containing residues of or contaminated by dangerous substances .
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. : 3295

14.2. UN proper shipping name

Proper Shipping Name : HYDROCARBONS, LIQUID,N.O.S.(CONTAINS Hydrocarbons, C9-C10, n-alkanes, isoalkanes, cyclics, <2% ())

Proper shipping name IATA/IMDG : HYDROCARBONS, LIQUID,N.O.S.(CONTAINS Hydrocarbons, C9-C10, n-alkanes, isoalkanes, cyclics, <2% ())

14.3. Transport hazard class(es)

14.3.1. Overland transport

Class : 3 - Flammable liquid
Hazard identification number (Kemler No.) : 30
Classification code : F1
ADR/RID-Labels : 3 - Flammable liquid



14.3.2. Inland waterway transport (ADN)

Class (UN) : 3

14.3.3. Transport by sea

Class or Division : 3 - Flammable liquids

14.3.4. Air transport

Class or Division : 3 - Flammable liquids

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14.4. Packing group

Packing group : III

14.5. Environmental hazards

Other information : No supplementary information available.

14.6. Special precautions for user

No data available

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

No data available

SECTION 15: Regulatory information

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

15.1.1. EU-Regulations

The following restrictions are applicable according to Annex XVII of the REACH Regulation (EC) No 1907/2006 :

3. Liquid substances or mixtures which are regarded as dangerous in accordance with Directive 1999/45/EC or are fulfilling the criteria for any of the following hazard classes or categories set out in Annex I to Regulation (EC) No 1272/2008 : PRO HONDA Fuel Stabilizer - Hydrocarbons, C9-C10, n-alkanes, isoalkanes, cyclics, <2%

40. Substances classified as flammable gases category 1 or 2, flammable liquids categories 1, 2 or 3, flammable solids category 1 or 2, substances and mixtures which, in contact with water, emit flammable gases, category 1, 2 or 3, pyrophoric liquids category 1 or pyrophoric solids category 1, regardless of whether they appear in Part 3 of Annex VI to Regulation (EC) No 1272/2008 or not. : PRO HONDA Fuel Stabilizer - Hydrocarbons, C9-C10, n-alkanes, isoalkanes, cyclics, <2%

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

: none

Authorisations

: not applicable

Labelling for contents according to regulation (EC) No. 648/2004

: aliphatic hydrocarbons > 30%

Volatile organic compounds (VOC) content in percent by weight:

: 730,6 g/l (95%)

15.1.2. National regulations

DE : WGK

: 1

DE : German storage class (LGK)

: LGK 3 - Flammable liquid materials (Flashpoint < 55 °C)

DE : Technische Regeln für Gefahrstoffe (TRGS)

: applicable

DE : Risk classification according to VbF

: A II - Liquids with a flashpoint between 21°C and 55°C

FR : Installations classées

: 143x

NL : ABM

: 8 - Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment. (A)

NL : NeR (Nederlandse emissie Richtlijn)

: Organic substances in vapour or gaseous form

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NO: Produktforskriften (FOR 2004-06-01 nr 922) : Not applicable .

15.2. Chemical safety assessment

Chemical Safety Assessment : no data available

SECTION 16: Other information

Full text of R-, H- and EUH-phrases:

Aquatic Chronic 3	: Hazardous to the aquatic environment - chronic hazard category 3
Asp. Tox. 1	: Aspiration hazard, Category 1
Flam. Liq. 3	: Flammable liquids, Category 3
STOT SE 3	: Specific target organ toxicity — Single exposure, Category 3, Narcosis
H226	: Flammable liquid and vapour.
H304	: May be fatal if swallowed and enters airways.
H336	: May cause drowsiness or dizziness.
H412	: Harmful to aquatic life with long lasting effects.
R10	: Flammable.
R52/53	: Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R65	: Harmful: may cause lung damage if swallowed.
R66	: Repeated exposure may cause skin dryness or cracking.
R67	: Vapours may cause drowsiness and dizziness.
Xn	: Harmful

Key literature references and sources for data : European Chemicals Bureau (<http://esis.jrc.ec.europa.eu>)
SDS HONDA access Europe NV, revision date 15/11/2011, ref n° ECM-104332

Safety datasheet sections which have been updated: : 1,8,15,16

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
NA = not applicable
TLV = Threshold limits
TWA = time weighted average
STEL = Short term exposure limit 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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