

Ultra MTF3

HONDA-31



Xn : Harmful

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY/UNDERTAKING

Commercial Product Name : Ultra MTF3
 Use of the Substance/Preparation : Lubricant
 Company : HONDA Europe NV
 Langerbruggestraat 104
 B-9000 Gent, Belgium
 Tel.: +32 (0)9 250 1211
 Fax: +32 (0)9 250 1230
 Product code : 08267...
 Emergency telephone number : +32 (0)3 575 03 30

2. COMPOSITION/INFORMATION ON INGREDIENTS

| Components Substance name | Value(s) | CAS No / EC No / EC Index | Symbol(s) | R-Phrase(s) |
|---|-------------------|---------------------------------------|-----------|-------------|
| Base oil : distillates hydrotreated heavy paraffinic (DMSO% < 3%) | : | 64742-54-7 / 265-157-1 / 649-467-00-8 | Xn | 65 |
| Base oil : distillates hydrotreated light paraffinic (DMSO% < 3%) | : ca 70 % | 64742-55-8 / 265-158-7 / 649-468-00-3 | Xn | 65 |
| Additive | : ca 30 % | - / - / - | - | 52/53 |
| Phosphorodithioic acid, O,O-di-C1-14-alkyl esters, zinc salts | : < 2 % | 68649-42-3 / 272-028-3 / - | Xi N | 36/38-51/53 |
| Full text of R-phrases | : See section 16. | | | |

3. HAZARDS IDENTIFICATION

Most important hazards : The product is classified as dangerous in accordance with Directive 1999/45/EC. Harmful: may cause lung damage if swallowed.
 Environmental properties : Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

4. FIRST AID MEASURES

First aid measures

Inhalation : Keep at rest.
 Move to fresh air.
 If you feel unwell, seek medical advice (show the label where possible).

Skin contact : Wash off with soap and water.
 If skin irritation persists, call a physician.
 Take off all contaminated clothing immediately.
 Wash contaminated clothing before re-use.

Eye contact : Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes.
 If eye irritation persists, consult a specialist.

Ingestion : Rinse mouth.
 Drink plenty of water.

4. FIRST AID MEASURES (continued)

Additional advice : Do not induce vomiting.
Call a physician immediately.
: Treat symptomatically.
Show this safety data sheet to the doctor in attendance.

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media : Use dry chemical, CO₂, water spray or alcohol resistant foam.
Extinguishing media which must not be used for safety reason : High volume water jet
Specific hazards : Possible decomposition products are: CO_x, PO_x, H₂S, CaO_x, Mercaptans , sulphides , zinc oxides , aldehydes , Sulphur oxides .
Cool containers / tanks with spray water.
Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.
Special protective equipment for firefighters : In the event of fire, wear self-contained breathing apparatus.
Wear personal protective equipment.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions : See also section 8.
Wear personal protective equipment.
Ensure adequate ventilation.
Avoid contact with skin and eyes.
Environmental precautions : Do not flush into surface water or sanitary sewer system.
Methods for cleaning up : Dam up.
Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust).
Shovel into suitable container for disposal.
Dispose of in accordance with local regulations

7. HANDLING AND STORAGE

Storage : Keep tightly closed in a dry, cool and well-ventilated place.
Handling : Wear personal protective equipment.
Ensure adequate ventilation.
Handle in accordance with good industrial hygiene and safety practice.
Avoid contact with skin and eyes.
Do not burn, or use a cutting torch on, the empty drum.
Do not use pressure to empty drums.
Always replace cap after use.
Specific use(s) : Lubricant

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Personal protective equipment
Respiratory protection : When workers are facing concentrations above the exposure limit they must use appropriate certified respirators. (type A2P2)
Hand protection : Rubber gloves (EN 374)
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.
Eye protection : Goggles (EN 166)

| | |
|-----------------------------------|-------------------------|
| MATERIAL SAFETY DATA SHEET | Page : 3 |
| | Revision nr : 2 |
| Ultra MTF3 | Date : 13/12/2006 |
| | Supersedes : 12/12/2006 |
| | HONDA-31 |

8. EXPOSURE CONTROLS / PERSONAL PROTECTION (continued)

Hygiene measures : Ensure adequate ventilation.
Handle in accordance with good industrial hygiene and safety practice.

Environmental exposure controls : Base oil : distillates hydrotreated heavy paraffinic (DMSO% < 3%) : TLV-STEL (mg/m³) : (mist) 10 (Belgium, United Kingdom, Spain)
Base oil : distillates hydrotreated heavy paraffinic (DMSO% < 3%) : TLV-TWA (mg/m³) : (mist) 5 (Belgium, United Kingdom, France, Germany, the Netherlands, Sweden, Spain, Finland, Denmark, Norway)
Base oil : distillates hydrotreated light paraffinic (DMSO% < 3%) : TLV-TWA (mg/m³) : (mist) 5 (Belgium, United Kingdom, France, Germany, the Netherlands, Sweden, Spain, Finland, Denmark, Norway)
Base oil : distillates hydrotreated light paraffinic (DMSO% < 3%) : TLV-STEL (mg/m³) : (mist) 10 (Belgium, United Kingdom, Spain)

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance : Liquid
 Colour : Brown
 Odour : Slight
 Melting point/range : No data available
 Flash point : 178°C (COC)
 Evaporation rate : No data available
 Pour point : < -45°C
 Vapour density : No data available
 Autoignition temperature : No data available
 Oxidising properties : No data available
 Vapour pressure : No data available
 Water solubility : Insoluble
 Explosion limits : Not applicable
 Viscosity : No data available
 Partition coefficient (n-octanol/water) : No data available
 Density : 0,867 g/cm³ @ 15°C

10. STABILITY AND REACTIVITY

Stability : Stable at normal conditions
 Hazardous decomposition products : COx, POx, H2S, CaOx, Sulphur oxides , Mercaptans , aldehydes , zinc oxides , sulphides .
 Materials to avoid : Incompatible with strong acids and oxidising agents.
halogenated compounds
 Conditions to avoid : Heat.

11. TOXICOLOGICAL INFORMATION

Acute toxicity : Base oil : distillates hydrotreated heavy paraffinic (DMSO% < 3%) : LD50/oral/rat : > 2000 mg/kg
 Base oil : distillates hydrotreated heavy paraffinic (DMSO% < 3%) : LC50/inhalation/4h/rat : 2,18 mg/l
 Base oil : distillates hydrotreated heavy paraffinic (DMSO% < 3%) : LD50/dermal/rabbit : > 2000 mg/kg
 Base oil : distillates hydrotreated light paraffinic (DMSO% < 3%) : LD50/oral/rat : > 5000 mg/kg
 Base oil : distillates hydrotreated light paraffinic (DMSO% < 3%) : LC50/inhalation/4h/rat : 2,18 mg/l
 Base oil : distillates hydrotreated light paraffinic (DMSO% < 3%) : LD50/dermal/rabbit : > 2000 mg/kg

Ultra MTF3

HONDA-31

11. TOXICOLOGICAL INFORMATION (continued)

| | |
|------------------|---|
| Inhalation | : May cause irritation of the mucous membranes. |
| Skin contact | : May be irritating. |
| Eye contact | : Contact with eyes may cause irritation. |
| Ingestion | : Harmful: may cause lung damage if swallowed. |
| Chronic toxicity | : No information available |

12. ECOLOGICAL INFORMATION

| | |
|-------------------------------|--|
| Bioaccumulation | : No data is available on the product itself. |
| Ecotoxicity effects | : Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment. Base oil : distillates hydrotreated heavy paraffinic (DMSO% < 3%) : LC50/96h/fish : > 1000 mg/l (Salmo gairdneri) Base oil : distillates hydrotreated heavy paraffinic (DMSO% < 3%) : LC50/48h/daphnia : > 1000 mg/l (Daphnia magna) Base oil : distillates hydrotreated light paraffinic (DMSO% < 3%) : LC50/96h/fish : > 1000 mg/l (Salmo gairdneri) Base oil : distillates hydrotreated light paraffinic (DMSO% < 3%) : LC50/48h/daphnia : > 1000 mg/l (Daphnia magna) Phosphorodithioic acid, O,O-di-C1-14-alkyl esters, zinc salts : LC50/96h/fish : 1 - 5 mg/l (Pimephales promelas) Phosphorodithioic acid, O,O-di-C1-14-alkyl esters, zinc salts : LC50/48h/daphnia : 1 - 1,5 mg/l (Daphnia magna) |
| Mobility | : Insoluble |
| Persistence and degradability | : No data is available on the product itself. |

13. DISPOSAL CONSIDERATIONS

| | |
|---------------------|---|
| Waste from residues | : Dispose of in accordance with local regulations |
|---------------------|---|

14. TRANSPORT INFORMATION

| | |
|----------------|-----------------|
| Land transport | : Not regulated |
| Sea transport | : Not regulated |
| Air transport | : Not regulated |

15. REGULATORY INFORMATION

| | |
|------------|--|
| Labelling | : The preparation is classified as dangerous in accordance with Directive 1999/45/EC. |
| Symbol(s): | : Xn - Harmful |
| R-phrases) | : R52/53 - Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment. R65 - Harmful: may cause lung damage if swallowed. |
| S-phrases) | : - |
| WGK | : - |

16. OTHER INFORMATION

| | |
|--|---|
| Text of R phrases mentioned in Section 2 | : R36/38 - Irritating to eyes and skin. R51/53 - Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. R52/53 - Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment. R65 - Harmful: may cause lung damage if swallowed. |
|--|---|

HONDA

| | |
|-----------------------------------|-------------------------|
| MATERIAL SAFETY DATA SHEET | Page : 5 |
| | Revision nr : 2 |
| Ultra MTF3 | Date : 13/12/2006 |
| | Supersedes : 12/12/2006 |
| | HONDA-31 |

16. OTHER INFORMATION (continued)

Sources of key data used to compile the : European Chemicals Bureau
datasheet MSDS of Nippon Oil (UK) (HONDA 06MTF(EU))
Concawe

The contents and format of this MSDS are in accordance with EEC Commission Directive 2001/58/EC, 1999/45/EC, 1967/548/EC.

DISCLAIMER OF LIABILITY The information in this MSDS was obtained from sources which we believe are reliable. However, the information is provided without any warranty, express or implied, regarding its correctness. The conditions or methods of handling, storage, use or disposal of the product are beyond our control and may be beyond our knowledge. For this and other reasons, we do not assume responsibility and expressly disclaim liability for loss, damage or expense arising out of or in any way connected with the handling, storage, use or disposal of the product. This MSDS was prepared and is to be used only for this product. If the product is used as a component in another product, this MSDS information may not be applicable.

End of document