

Productname : Machine Oil FG
Ref.Nr.: BDS000677_3_20111104

Creationdate : 04.11.11 Version : 1.0
Replaces: UK10408

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

1.1. Product identifier

Machine Oil FG
Aerosol

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

Lubricants

1.3. Details of the supplier of the safety data sheet

CRC Industries UK Ltd.
Ambersil House - Wylids Road
Castlefield Industrial Estate
TA6 4DD Bridgwater Somerset
United Kingdom
Tel.: +44 1278 727200
Fax.: +44 1278 425644
E-mail : hse.uk@crcind.com

1.4. Emergency telephone number

(+44)(0)1278 72 7200

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to 67/548/EEC or 1999/45/EC:

| | |
|--------------|--|
| Health: | R66: Repeated exposure may cause skin dryness or cracking. |
| Physical: | EXTREMELY FLAMMABLE |
| Environment: | not classified |

2.2. Label elements

Warning symbol(s) : EXTREMELY FLAMMABLE



| | |
|--------------------|---|
| Risk-phrase(s) : | R66: Repeated exposure may cause skin dryness or cracking. |
| Safety-phrase(s) : | S2: Keep out of the reach of children. S16: Keep away from sources of ignition - No smoking. |

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S23: Do not breathe vapours/spray.
 S51: Use only in well-ventilated areas.

Extra label elements according to Aerosol Dispenser Directive 75/324/EC: Pressurised container: protect from sunlight and do not expose to temperatures exceeding 50°C. Do not pierce or burn, even after use. Do not spray on a naked flame or any incandescent material. Without adequate ventilation formation of explosive mixtures may be possible.

Other extra label elements: Remark: Preparations classified as harmful on the basis of an aspiration hazard need not be labelled as harmful with R65 when placed on the market in aerosol containers or in containers fitted with a sealed spray attachment. (EU-Directive 67/548 Annex VI 9.4)

2.3. Other hazards

None

SECTION 3: Composition/information on ingredients

3.1. Substances

Not applicable.

3.2. Mixtures

| Hazardous ingredient | CAS-nr. | EC-nr | w/w % | symbol | R-phrases* | Notes |
|---|-----------|-----------|-------|--------|------------|-------|
| Hydrocarbons, C11-C14, n-alkanes, isoalkanes, cyclics, < 2% aromatics | - | 926-141-6 | 50-75 | Xn | 65-66 | |
| white mineral oil (petroleum) | 8042-47-5 | 232-455-8 | 25-50 | | | B |
| carbon dioxide | 124-38-9 | 204-696-9 | 1-5 | - | - | A,G |
| Explanation notes | | | | | | |
| A : substance with Community workplace exposure limit | | | | | | |
| B : substance with national established workplace exposure limit | | | | | | |
| G : exempted from the obligation to register in accordance with art.2(7)(a)of REACH Regulation No 1907/2006 | | | | | | |

| Hazardous ingredient | Registration number | CAS-nr. | EC-nr | w/w % | Hazard Class and Category | Hazard statement | Notes |
|---|---------------------|----------|-----------|-------|---------------------------|------------------|-------|
| Hydrocarbons, C11-C14, n-alkanes, isoalkanes, cyclics, < 2% aromatics | 01-2119456620-43 | - | 926-141-6 | 50-75 | Asp. Tox. 1 | H304 | |
| carbon dioxide | | 124-38-9 | 204-696-9 | 1-5 | Press. Gas | H280 | A,G |
| Explanation notes | | | | | | | |
| A : substance with Community workplace exposure limit | | | | | | | |
| G : exempted from the obligation to register in accordance with art.2(7)(a)of REACH Regulation No 1907/2006 | | | | | | | |

(* Explanation phrases : see chapter 16)

SECTION 4: First aid measures

4.1. Description of first aid measures

Contact with eyes : If substance has got into eyes, immediately wash out with plenty of water



2 / 8

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| | |
|----------------------------|--|
| Contact with skin : | Seek medical attention if irritation persists Wash with water and soap. |
| Inhalation : | Seek medical attention if irritation persists Fresh air, keep warm and at rest. |
| Ingestion : | Seek medical attention if ill effects occur Ingestion is unlikely to occur If swallowed do not induce vomiting because of risk of aspiration into the lungs. If aspiration is suspected obtain immediate medical attention |

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

| | |
|-----------------------|--|
| Inhalation : | Excessive inhalation of solvent vapours may give rise to nausea, headaches and dizziness |
| Ingestion : | After vomiting of swallowed product aspiration into lungs is likely. Solvents may induce chemical pneumonia. Symptoms : sore throat, abdominal pain, nausea, vomiting |
| Skin contact : | May cause irritation. Symptoms : redness and pain |
| Eye contact : | May cause irritation. Symptoms : redness and pain |

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

| | |
|-------------------------|---|
| General Advice : | If you feel unwell, seek medical advice (show the label where possible) If symptoms persist always call a doctor |
|-------------------------|---|

SECTION 5: Firefighting measures

5.1. Extinguishing media

foam, carbon dioxide or dry agent

5.2. Special hazards arising from the substance or mixture

Aerosols may explode if heated above 50°C
Forms hazardous decomposition products
CO,CO2

5.3. Advice for firefighters

Keep container(s) exposed to fire cool, by spraying with water
In case of fire, do not breathe fumes

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Shut off all ignition sources
Ensure adequate ventilation
Wear suitable protective clothing and gloves.



3 / 8

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6.2. Environmental precautions

Do not allow to enter public sewers and watercourses

6.3. Methods and material for containment and cleaning up

Absorb spillage in suitable inert material

6.4. Reference to other sections

For further information see section 8

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Keep away from heat and sources of ignition
 Take precautionary measures against static discharges
 Equipment should be earthed
 Use explosion-proof electrical/ventilating/lighting/?/equipment.
 Use only non-sparking tools.
 Do not breathe aerosols or vapours.
 Ensure adequate ventilation
 Avoid contact with skin and eyes.
 Wash thoroughly after use
 Wear protective gloves/protective clothing/eye protection/face protection.

7.2. Conditions for safe storage, including any incompatibilities

Pressurized container : protect from sunlight and do not expose to temperatures exceeding 50°C.
 Keep out of reach of children.

7.3. Specific end use(s)

Lubricants

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Exposure limits :

| Hazardous ingredient | CAS-nr. | method | |
|---|----------|--------|----------|
| EU established exposure limits: | | | |
| carbon dioxide | 124-38-9 | TWA | 5000 ppm |
| National established exposure limits, United Kingdom | | | |

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| | | | |
|----------------|----------|------|-----------|
| carbon dioxide | 124-38-9 | TWA | 5000 ppm |
| | | STEL | 15000 ppm |

8.2. Exposure controls

| | |
|------------------------------|--|
| Control procedures : | Ensure adequate ventilation Keep away from heat and sources of ignition Take precautionary measures against static discharges |
| Personal protection : | Take precautions to avoid contact with skin and eyes when handling the product. Ensure adequate ventilation |
| inhalation : | In case of insufficient ventilation, wear suitable respiratory equipment. Air purifying respirator equipped with organic gas/vapor cartridge (type A or AX) |
| hands and skin : | Wear suitable protective gloves (nitrile) |
| eyes : | Wear safety goggles. |

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

| | |
|---|----------------------------------|
| Apperance : physical state : | CO2 propelled liquid. |
| colour : | Colorless. |
| odour : | Solvent. |
| pH : | Not applicable. |
| Boiling point/range : | Not available. |
| Flash point : | 74 °C (Closed Cup) |
| Evaporation rate : | Not available. |
| Explosion limits : upper limit : | Not available. |
| lower limit : | Not available. |
| Vapour pressure : | Not available. |
| Relative density : | 0.82 g/cm ³ (@ 20°C). |
| Solubility in water : | Insoluble in water |
| Auto-ignition : | > 200 °C |
| Viscosity : | Not available. |

9.2. Other information

VOC: 515 g/l

SECTION 10: Stability and reactivity

10.1. Reactivity

No hazardous reactions known if used for its intended purpose

10.2. Chemical stability

Stable



5 / 8

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10.3. Possibility of hazardous reactions

No hazardous reactions known if used for its intended purpose

10.4. Conditions to avoid

Avoid overheating

10.5. Incompatible materials

Strong oxidising agent

10.6. Hazardous decomposition products

CO,CO2

SECTION 11: Toxicological information

11.1. Information on toxicological effects

| | |
|-----------------------|---|
| Inhalation : | Inhalation of solvent vapours may give rise to nausea, headaches and dizziness |
| Ingestion : | After vomiting of swallowed product aspiration into lungs is likely. Solvents may induce chemical pneumonia. |
| Skin contact : | Prolonged skin contact will result in defatting of the skin, leading to irritation, and in some cases, dermatitis |
| Eye contact : | May cause irritation. |

Toxicological data :

No information available

SECTION 12: Ecological information

12.1. Toxicity

not classified

Ecotoxicological data:

No information available

12.2. Persistence and degradability

No experimental data available



6 / 8

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12.3. Bioaccumulative potential

No experimental data available

12.4. Mobility in soil

Insoluble in water

12.5. Results of PBT and vPvB assessment

No information available

12.6. Other adverse effects

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Product : This material and its container must be disposed of in a safe way. Do not discharge into drains or the environment, dispose to an authorised waste collection point.
Contaminated packaging : Disposal should be in accordance with local, state or national legislation

SECTION 14: Transport information

14.1. UN number

UN-number : 1950

14.2. UN proper shipping name

Proper shipping name: AEROSOLS, flammable

14.3. Transport hazard class(es)

Class: 2.1
ADR/RID - Classification code: 5F

14.4. Packing group

Packing group: Not applicable.

14.5. Environmental hazards

ADR/RID - Environmentally hazardous: No
IMDG - Marine pollutant: No
IATA/ICAO - Environmentally hazardous: No



7 / 8

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hazardous:

14.6. Special precautions for user

| | |
|-----------------------|---------|
| ADR/RID - Tunnelcode: | (D) |
| IMDG - Ems: | F-D,S-U |
| IATA/ICAO - PAX: | 203 |
| IATA/ICAO - CAO | 203 |

14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

Not applicable.

SECTION 15: Regulatory information

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

The Safety Data Sheet is compiled according to the current European requirements.
Dir. 2008/47/EC amendment of the aerosol dispenser directive 75/324/EEC.
EU-directive 99/45/EC
Regulation (EC) No 1907/2006 (REACH)

15.2. Chemical safety assessment

No information available

SECTION 16: Other information

*Explanation risk-phrases: R65: Harmful: may cause lung damage if swallowed.
R66: Repeated exposure may cause skin dryness or cracking.
*Explanation hazard statements: H280 : Contains gas under pressure; may explode if heated.
H304 : May be fatal if swallowed and enters airways.

This product should be stored, handled and used in accordance with good industrial hygiene practices and in conformity with any legal regulation.

The information contained herewith is based on the present state of our knowledge and is intended to describe our products from the point of view of safety requirements. It does not guarantee any specific properties. Apart from any fair dealing for purposes of study, research and review of health, safety and environmental risks, no part of these documents may be reproduced by any process without written permission from CRC.