

Productname : STAINLESS STEEL CLEANER FG
Ref.Nr.: BDS001111_3_20120116

Creationdate : 16.01.12 Version : 1.0
Replaces: UK10385

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

1.1. Product identifier

STAINLESS STEEL CLEANER FG
Aerosol

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

Cleaners - Heavy duty

1.3. Details of the supplier of the safety data sheet

CRC Industries UK Ltd.
Ambersil House - Wylds 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: | not classified |
| Physical: | not classified |
| | Not flammable under normal conditions of use but contains flammable components (Testing on flammability in closed space, FEA X610-E, are negative) |
| Environment: | not classified |

2.2. Label elements

| | |
|---------------------------|--|
| Safety-phrase(s) : | S2: Keep out of the reach of children. S23: Do not breathe vapours/spray. S24/25: Avoid contact with skin and eyes. S51: Use only in well-ventilated areas. |
|---------------------------|--|



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Special labelling provisions: Safety data sheet available on request.

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.
 17 % by mass of the contents are flammable.

Regulation (EC) No 648/2004 on detergents:
 aliphatic hydrocarbons 15 - 30 %
 non-ionic surfactants 5 - 15 %
 benzisothiazolinone

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 |
|---|------------|-----------|-------|--------|------------|-------|
| white mineral oil (petroleum) | 8042-47-5 | 232-455-8 | 10-25 | | | B |
| Hydrocarbons, C3-4-rich, petroleum distillate Petroleumgas (1,3-butadiene < 0.1%) | 68512-91-4 | 270-990-9 | 5-10 | F+ | 12 | K |
| Hydrocarbons, C11-C14, n-alkanes, isoalkanes, cyclics, < 2% aromatics | - | 926-141-6 | 5-10 | Xn | 65-66 | |
| alcohols, C9-11, ethoxylated | 68439-46-3 | | <5 | Xn | 22-41 | |
| potassium hydroxide; caustic potash | 1310-58-3 | 215-181-3 | <0.01 | C | 22-35 | B |

Explanation notes

B : substance with national established workplace exposure limit

K : not classified as carcinogen, less than 0.1% w/w 1,3-butadiene (Einecs-nr. 203-450-8)

| 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 | 5-10 | Asp. Tox. 1 | H304 | |
| potassium hydroxide; caustic potash | | 1310-58-3 | 215-181-3 | <0.01 | Acute Tox. 4, Skin Corr. 1A | H302, H314 | B |

Explanation notes

B : substance with national established workplace exposure limit

(* Explanation phrases : see chapter 16)

SECTION 4: First aid measures



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 Ambersil House, Wylds Road, Castlefield Industrial Estate, Bridgwater,
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4.1. Description of first aid measures

| | |
|----------------------------|--|
| Contact with eyes : | If substance has got into eyes, immediately wash out with plenty of water |
| Contact with skin : | Wash with water and soap. |
| Inhalation : | Fresh air, keep warm and at rest. |
| Ingestion : | If swallowed accidentally, do not induce vomiting and seek medical advice. |

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

| | |
|-----------------------|---|
| Inhalation : | No adverse health effects expected |
| Ingestion : | May cause gastrointestinal disturbances Symptoms : sore throat, abdominal pain, nausea, vomiting |
| Skin contact : | Repeated exposure may cause skin dryness or cracking. |
| Eye contact : | May cause irritation. |

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

| | |
|-------------------------|--|
| General Advice : | In case of accident or 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

water, 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.

6.2. Environmental precautions

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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
Wash spill site with water and detergent

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
Do not spray on a naked flame or incandescent material.
Do not pierce or burn aerosols, even after use.
Do not breathe aerosols or vapours.
Ensure adequate ventilation
Avoid contact with skin and eyes.

7.2. Conditions for safe storage, including any incompatibilities

Pressurised container: protect from sunlight and do not expose to temperatures exceeding 50°C. Do not pierce or burn, even after use.
Store in a well-ventilated place.
Store frost free
Keep out of reach of children.

7.3. Specific end use(s)

Cleaners - Heavy duty

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Exposure limits :

No information available

8.2. Exposure controls

| | |
|------------------------------|---|
| Control procedures : | Ensure adequate ventilation Keep away from heat and sources of ignition |
| Personal protection : | Take precautions to avoid contact with skin and eyes when handling the product. |

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| | |
|-------------------------|--|
| inhalation : | Ensure adequate ventilation In case of insufficient ventilation, wear suitable respiratory equipment. Air purifying respirator equipped with ABEK type cartridge |
| hands and skin : | Wear suitable protective gloves (neoprene) |
| eyes : | Wear safety goggles. |

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

(for aerosols data for the product without propellant)

| | |
|---|-----------------------------------|
| Apperance : physical state : | Liquid. |
| colour : | White. |
| odour : | Characteristic odor. |
| pH : | 10.71 |
| Boiling point/range : | Not available. |
| Flash point : | > 70 °C |
| Evaporation rate : | Not applicable. |
| Explosion limits : upper limit : | Not available. |
| lower limit : | Not available. |
| Vapour pressure : | Not available. |
| Relative density : | 0.955 g/cm ³ (@ 20°C). |
| Solubility in water : | Soluble in water |
| Auto-ignition : | > 200 °C |
| Viscosity : | Not available. |

9.2. Other information

VOC: 152 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

10.3. Possibility of hazardous reactions

No hazardous reactions known if used for its intended purpose

10.4. Conditions to avoid

Pressurized container : protect from sunlight and do not expose to temperatures exceeding 50°C.
Avoid overheating



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Store frost free

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 : | No adverse health effects expected |
| Ingestion : | Ingestion is unlikely to occur |
| Skin contact : | Repeated exposure may cause skin dryness or cracking. |
| Eye contact : | May cause irritation. |

Toxicological data :

| Hazardous ingredient | CAS-nr. | method | |
|------------------------------|------------|-----------------|-----------------|
| alcohols, C9-11, ethoxylated | 68439-46-3 | LD50 oral rat | 1000-1400 mg/kg |
| | | LD50 derm.rabit | >2000 mg/kg |

SECTION 12: Ecological information

12.1. Toxicity

not classified

Ecotoxicological data:

| Hazardous ingredient | CAS-nr. | method | |
|------------------------------|------------|--------------|-------------|
| alcohols, C9-11, ethoxylated | 68439-46-3 | LC50 fish | 10-100 mg/l |
| | | EC50 daphnia | 5-25 mg/l |

12.2. Persistence and degradability

No experimental data available

12.3. Bioaccumulative potential

No experimental data available



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12.4. Mobility in soil

Soluble 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, non flammable

14.3. Transport hazard class(es)

Class: 2.2
ADR/RID - Classification code: 5A

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

14.6. Special precautions for user



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| | |
|-----------------------|---------|
| ADR/RID - Tunnelcode: | (E) |
| 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: R12: Extremely flammable.
R22: Harmful if swallowed.
R35: Causes severe burns.
R41: Risk of serious damage to eyes.
R65: Harmful: may cause lung damage if swallowed.
R66: Repeated exposure may cause skin dryness or cracking.

*Explanation hazard statements: H302 : Harmful if swallowed.
H304 : May be fatal if swallowed and enters airways.
H314 : Causes severe skin burns and eye damage.

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.

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