

Productname : AMBERKLENE FE10  
Ref.Nr.: UDS000445\_3\_20120531

Creationdate : 31.05.12 Version : 1.0  
Replaces: UK10019

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

### 1.1. Product identifier

AMBERKLENE FE10  
Bulk

### 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 - 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:	R38: Irritating to skin. R65: Harmful: may cause lung damage if swallowed. R67: Vapours may cause drowsiness and dizziness.
Physical:	R11: Highly flammable.
Environment:	R51/53: Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
Other hazards :	not classified

### 2.2. Label elements

Warning symbol(s) : F : HIGHLY FLAMMABLE



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Xn : HARMFUL



N : DANGEROUS FOR THE ENVIRONMENT



**Risk-phrase(s) :**

R11: Highly flammable.  
 R38: Irritating to skin.  
 R51/53: Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.  
 R65: Harmful: may cause lung damage if swallowed.  
 R67: Vapours may cause drowsiness and dizziness.

**Safety-phrase(s) :**

S2: Keep out of the reach of children.  
 S16: Keep away from sources of ignition - No smoking.  
 S24: Avoid contact with skin.  
 S51: Use only in well-ventilated areas.  
 S61: Avoid release to the environment. Refer to special instructions/Safety data sheets.  
 S62: If swallowed, do not induce vomiting: seek medical advice immediately and show this container or label.

**Regulation (EC) No 648/2004 on detergents:** aliphatic hydrocarbons > 30 %

### 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
methylcyclohexane	108-87-2	203-624-3	30-60	F,Xn,N	11-38-51/53-65-67	B
methylal	109-87-5	203-714-2	10-30	F	11	B
Hydrocarbons, C7-C9, n-alkanes, isoalkanes, cyclics	-	920-750-0	10-30	F,Xn,N	11-51/53-65-66-67	B
<b>Explanation notes</b>						
B : substance with national established workplace exposure limit						

Hazardous ingredient	Registration number	CAS-nr.	EC-nr	w/w %	Hazard Class and Category	Hazard statement	Notes
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Hydrocarbons, C7-C9, n-alkanes, isoalkanes, cyclics	01-2119473851-33	-	920-750-0	10-30	Flam. Liq. 2, STOT SE 3, Asp. Tox. 1, Aquatic Chronic 2	H225,H336,H304,H411	B
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**Explanation notes**

B : substance with national established workplace exposure limit

(\* Explanation phrases : see chapter 16)

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

<b>Contact with eyes :</b>	If substance has got into eyes, immediately wash out with water for at least 15 minutes Seek medical attention if irritation persists
<b>Contact with skin :</b>	Remove contaminated clothing immediately and wipe affected skin with dry cloth. Then wash with soap and water Seek medical attention if irritation persists
<b>Inhalation :</b>	Fresh air, keep warm and at rest. Seek medical attention if ill effects occur
<b>Ingestion :</b>	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

<b>Inhalation :</b>	Excessive inhalation of solvent vapours may give rise to nausea, headaches and dizziness
<b>Ingestion :</b>	After vomiting of swallowed product aspiration into lungs is likely. Solvents may induce chemical pneumonia. Symptoms : sore throat, abdominal pain, nausea, vomiting
<b>Skin contact :</b>	Irritating to skin Symptoms : redness and pain
<b>Eye contact :</b>	Mildly irritating to eyes Symptoms : redness and pain

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

<b>General Advice :</b>	If you feel unwell, seek medical advice (show the label where possible) If symptoms persist always call a doctor
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## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

foam, carbon dioxide or dry agent

### 5.2. Special hazards arising from the substance or mixture

May form explosive vapour/air mixtures  
Forms hazardous decomposition products  
CO,CO2

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### 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 including eye/face protection.

### 6.2. Environmental precautions

Do not allow to enter public sewers and watercourses  
If polluted water reaches drainage systems or water courses, immediately inform appropriate authorities

### 6.3. Methods and material for containment and cleaning up

Absorb spillage in suitable inert material  
Place in appropriate container  
This material and/or its container must be disposed of as hazardous waste.

### 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

Keep container tightly closed, in a cool, well ventilated place.  
Keep out of reach of children.

### 7.3. Specific end use(s)



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Cleaners - Heavy duty

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

#### Exposure limits :

No information available

### 8.2. Exposure controls

<b>Control procedures :</b>	Ensure adequate ventilation Keep away from heat and sources of ignition Take precautionary measures against static discharges
<b>Personal protection :</b>	Take precautions to avoid contact with skin and eyes when handling the product. Ensure adequate ventilation
<b>inhalation :</b>	In case of insufficient ventilation, wear suitable respiratory equipment.
<b>hands and skin :</b>	Wear suitable protective gloves (nitrile)
<b>eyes :</b>	Wear safety goggles.

## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

<b>Apperance : physical state :</b>	Liquid.
<b>colour :</b>	Colorless.
<b>odour :</b>	Solvent.
<b>pH :</b>	Not applicable.
<b>Boiling point/range :</b>	42 °C
<b>Flash point :</b>	- 6 °C
<b>Evaporation rate :</b>	Not available.
<b>Explosion limits : upper limit :</b>	17.6 %
<b>lower limit :</b>	0.7 %
<b>Vapour pressure :</b>	Not available.
<b>Relative density :</b>	0.767 g/cm <sup>3</sup> (@ 20°C).
<b>Solubility in water :</b>	Insoluble in water
<b>Auto-ignition :</b>	> 200 °C
<b>Viscosity :</b>	Not available.

### 9.2. Other information

## SECTION 10: Stability and reactivity



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### 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

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

<b>Inhalation :</b>	Inhalation of solvent vapours may give rise to nausea, headaches and dizziness
<b>Ingestion :</b>	After vomiting of swallowed product aspiration into lungs is likely. Solvents may induce chemical pneumonia.
<b>Skin contact :</b>	Irritating to skin
<b>Eye contact :</b>	May cause irritation.

#### Toxicological data :

No information available

## SECTION 12: Ecological information

### 12.1. Toxicity

R51/53: Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

#### Ecotoxicological data:



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No information available

#### 12.2. Persistence and degradability

No information available

#### 12.3. Bioaccumulative potential

No information 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

No information available

### 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 : 1993

#### 14.2. UN proper shipping name

Proper shipping name: FLAMMABLE LIQUID, N.O.S. (methylcyclohexane, methylal)

#### 14.3. Transport hazard class(es)

Class: 3  
ADR/RID - Classification code: F1

#### 14.4. Packing group



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Packing group: II

#### 14.5. Environmental hazards

ADR/RID - Environmentally hazardous:	Yes
IMDG - Marine pollutant:	Marine pollutant
IATA/ICAO - Environmentally hazardous:	Yes

#### 14.6. Special precautions for user

ADR/RID - Tunnelcode:	(D/E)
IMDG - Ems:	F-E, S-E
IATA/ICAO - PAX:	305
IATA/ICAO - CAO	307

#### 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.  
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: R11: Highly flammable.  
R38: Irritating to skin.  
R65: Harmful: may cause lung damage if swallowed.  
R66: Repeated exposure may cause skin dryness or cracking.  
R67: Vapours may cause drowsiness and dizziness.  
R51/53: Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

\*Explanation hazard statements: H225 : Highly flammable liquid and vapour.  
H304 : May be fatal if swallowed and enters airways.  
H336 : May cause drowsiness or dizziness.  
H411 : Toxic to aquatic life with long lasting effects.

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.



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