

**Productname :** AMBERCLENS NB  
**Ref.Nr.:** UDS000358\_3\_20150323 (EN)  
**Creationdate :** 23.03.15 Version : 1.0  
**Replaces:** UDS000358\_20131017

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

### 1.1. Product identifier

**AMBERCLENS NB**  
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 Regulation (EC) No 1272/2008

<b>Physical:</b>	Aerosol, category 3 Pressurised container: May burst if heated.
<b>Health:</b>	Not classified
<b>Environment:</b>	Not classified
<b>Other hazards :</b>	Contains fluorinated greenhouse gases: HFC-134a

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

<b>Health:</b>	Not classified
<b>Physical:</b>	Not classified
<b>Environment:</b>	Not classified

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## 2.2. Label elements

### Labelling according to Regulation (EC) No 1272/2008

**Signal word:** Warning  
**Hazard statement(s):** H229 : Pressurised container: May burst if heated.  
**Precautionary statement(s):** P102 : Keep out of reach of children.  
P210 : Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.  
P251 : Do not pierce or burn, even after use.  
P410/412 : Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F.  
P501-2 : Dispose of contents/container to an authorised waste collection point.  
**Supplemental Hazard information:** Contains fluorinated greenhouse gases:  
HFC-134a

**Regulation (EC) No 648/2004 on detergents:** aliphatic hydrocarbons < 5 %  
anionic surfactants < 5 %  
perfumes benzyl alcohol, limonene

## 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
tetrafluoroethane	811-97-2	212-377-0	5-10	-	-	B
(2-methoxymethylethoxy)propanol	34590-94-8	252-104-2	1-5	-	-	A
Glycine, N-methyl-N-(1-oxododecyl)-, sodium salt	137-16-6	205-281-5	0-1	T	23-38-41	

#### Explanation notes

A : substance with Community workplace exposure limit

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
tetrafluoroethane	01-2119459374-33	811-97-2	212-377-0	5-10	Press. Gas	H280	B
(2-methoxymethylethoxy)propanol	01-2119450011-60	34590-94-8	252-104-2	1-5	-	-	A
Glycine, N-methyl-N-(1-oxododecyl)-		137-16-6	205-	0-1	Skin Irrit. 2. Eye Irrit. 2.	H315.H319.H331	

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sodium salt		281-5	Acute Tox. 3
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**Explanation notes**

A : substance with Community workplace exposure limit

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**

**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 :** Excessive inhalation of solvent vapours may give rise to nausea, headaches and dizziness  
**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.  
Symptoms : redness and pain

**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

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## 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

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

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**Exposure limits :**

Hazardous ingredient	CAS-nr.	method	
<b>EU established exposure limits:</b>			
(2-methoxymethylethoxy)propanol	34590-94-8	TWA	50 ppm
<b>National established exposure limits, United Kingdom</b>			
(2-methoxymethylethoxy)propanol	34590-94-8	TWA	50 ppm
tetrafluoroethane	811-97-2	TWA	1000 ppm

**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.  
 Ensure adequate ventilation

**inhalation :** In case of insufficient ventilation, wear suitable respiratory equipment.

**hands and skin :** Wear suitable protective gloves against chemicals

Recommended gloves: Nitrile

**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 under pressure.

**colour :** Off-white.

**odour :** Characteristic odor.

**pH :** Not available.

**Boiling point/range :** 100 °C

**Flash point :** 75 °C

**Evaporation rate :** Not available.

**Explosion limits : upper limit :** 15 %

**lower limit :** 0.6 %

**Vapour pressure :** Not available.

**Relative density :** 1 g/cm<sup>3</sup> (@ 20°C).

**Solubility in water :** Soluble in water

**Auto-ignition :** 207 °C

**Viscosity :** Not available.

**9.2. Other information**

**VOC:** 135 g/l

**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  
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****Information on likely routes of exposure:**

**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	
(2-methoxymethylethoxy)propanol	34590-94-8	LD50 oral rat	> 4000 mg/kg
		LD50 derm.rabit	9510 mg/kg
tetrafluoroethane	811-97-2	LC50 inhal.rat	567000 ppm

**SECTION 12: Ecological information****12.1. Toxicity**

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Not classified

#### Ecotoxicological data:

Hazardous ingredient	CAS-nr.	method	
(2-methoxymethylethoxy)propanol	34590-94-8	EC50 daphnia	1919 mg/l
tetrafluoroethane	811-97-2	LC50 fish	450 mg/l
		EC50 daphnia	980 mg/l

#### 12.2. Persistence and degradability

No information available

#### 12.3. Bioaccumulative potential

No information available

#### 12.4. Mobility in soil

Soluble 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 : 1950

#### 14.2. UN proper shipping name

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Proper shipping name: AEROSOLS

#### 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

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. 2013/10/EU, 2008/47/EC amendment of the aerosol dispenser directive 75/324/EEC.  
EU-directive 99/45/EC  
Regulation (EC) No 1272/2008 (CLP)  
Regulation (EC) No 1907/2006 (REACH)

#### 15.2. Chemical safety assessment

No information available

### SECTION 16: Other information

\*Explanation risk-phrases: R23: Toxic by inhalation.  
R38: Irritating to skin.  
R41: Risk of serious damage to eyes.



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\*Explanation hazard statements: - : -

H280 : Contains gas under pressure; may explode if heated.

H315 : Causes skin irritation.

H319 : Causes serious eye irritation.

H331 : Toxic if inhaled.

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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