

Productname : Inox Kleen  
Ref.Nr.: BDS001356\_3\_20120705  
Creationdate : 05.07.12 Version : 1.0  
Replaces: AB19100

**SECTION 1: Identification of the substance/mixture and of the company/undertaking****1.1. Product identifier**

Inox Kleen  
(FOOD PROCESSING SAFE®)  
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 Europe bvba  
Touwslagerstraat 1  
9240 Zele  
Belgium  
Tel.: +32(0)52/45.60.11  
Fax.: +32(0)52/45.00.34  
E-mail : hse@crcind.com

Subsidiaries		Tel	Fax
CRC Industries Finland Oy	Asemanrinne 13, 08500 Lohja	+358/(19)32.921	+358/(19)383.676
CRC Industries France	6, avenue du marais, C.S. 90028, 95102 Argenteuil Cedex	01.34.11.20.00	01.34.11.09.96
CRC Industries Deutschland GmbH	Südring 9, D-76473 Iffezheim	(07229) 303.0	(07229)30 32 66
CRC INDUSTRIES IBERIA S.L.U.	GREMIO DEL CUERO-PARC.96, POLIGONO INDUSTRI. DE HONTORIA, 40195 SEGOVIA	0034/921.427.546	0034/921.436.270
CRC Industries Sweden	Kryptongatan 14, 431 53 Mölndal	0046/31 706 84 80	0046/31 27 39 91

**1.4. Emergency telephone number**

CRC Industries Europe, Belgium: Tel.: +32(0)52/45.60.11 (office hours)

**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



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**Environment:** components  
 (Testing on flammability in closed space, FEA X610-E, are negative)  
 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.

**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
Distillates (petroleum), hydrotreated light; Kerosine - unspecified	64742-47-8	(926-141-6)	5-10	Xn	65-66	B
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
<b>Explanation notes</b>						
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
Distillates (petroleum), hydrotreated light;	01-2119456620-	64742-	(926-	5-10	Asp. Tox. 1	H304	B



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Kerosine - unspecified	43	47-8	141-6)				
potassium hydroxide; caustic potash		1310-58-3	215-181-3	<0.01	Acute Tox. 4, Skin Corr. 1A	H302,H314	B
<b>Explanation notes</b>							
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 :** 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



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**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**

Exposure limits :



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No information available

## 8.2. Exposure controls

<b>Control procedures :</b>	Ensure adequate ventilation Keep away from heat and sources of ignition
<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. Air purifying respirator equipped with ABEK type cartridge
<b>hands and skin :</b>	Wear suitable protective gloves against chemicals (neoprene)
<b>eyes :</b>	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)

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



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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

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

**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	
potassium hydroxide; caustic potash	1310-58-3	LD50 oral rat	333 mg/kg
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	
potassium hydroxide; caustic potash	1310-58-3	LC50 fish	80 mg/l



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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

#### 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

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

Class: 2.2

ADR/RID - Classification code: 5A

#### 14.4. Packing group



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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. 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





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