

Productname : Inox Weld Kleen Creationdate : 09.08.12 Version : 1.1
 Ref.Nr.: BDS000857_3_20120809 (EN) Replaces: BDS000857_20111129

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

1.1. Product identifier

Inox Weld Kleen
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 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	Laurinkatu 57 A 23 B, 08100 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	Laxfiskevägen 16, 433 38 Partille	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: R34: Causes burns.
 R22: Harmful if swallowed.
 Physical: Not classified
 Environment: Not classified



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Other hazards : Not classified

2.2. Label elements

Contains:
 ammonium bifluoride; ammonium hydrogen difluoride
 nitric acid

Warning symbol(s) : C : CORROSIVE



Risk-phrase(s) : R34: Causes burns.
 R22: Harmful if swallowed.

Safety-phrase(s) : S1/2: Keep locked up and out of the reach of children.
 S26: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
 S36/37/39: Wear suitable protective clothing, gloves and eye/face protection.
 S46: If swallowed, seek medical advice immediately and show this container or label.

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
nitric acid	7697-37-2	231-714-2	10-30	O,C	8-35	A
ammonium bifluoride; ammonium hydrogen difluoride	1341-49-7	215-676-4	<10	T,C	25-34	
Explanation notes						
A : substance with Community workplace exposure limit						

Hazardous ingredient	Registration number	CAS-nr.	EC-nr	w/w %	Hazard Class and Category	Hazard statement	Notes
nitric acid		7697-37-2	231-714-2	10-30	Ox. Liq. 3, Skin Corr. 1A	H272,H314	A
ammonium bifluoride; ammonium hydrogen difluoride		1341-49-7	215-676-4	<10	Acute Tox. 3, Skin Corr. 1B	H301,H314	
Explanation notes							
A : substance with Community workplace exposure limit							

(* Explanation phrases : see chapter 16)

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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 water for at least 15 minutes Remove contact lenses, if present and easy to do. Continue rinsing. Seek immediate medical attention
Contact with skin :	Take off immediately all contaminated clothing. Wash with water and soap. Seek immediate medical attention
Inhalation :	Fresh air, keep warm and at rest. Seek medical attention if ill effects occur
Ingestion :	Rinse mouth with water (do not swallow) If swallowed do not induce vomiting Seek medical advice

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

Inhalation :	Symptoms : sore throat, cough
Ingestion :	Harmful if swallowed. Symptoms : sore throat, abdominal pain, nausea, vomiting
Skin contact :	Causes burns Symptoms : redness and pain
Eye contact :	Causes burns Symptoms : redness and pain, impaired vision

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
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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 give off noxious and toxic fumes in a fire
Reacts violently with strong alkalines

5.3. Advice for firefighters

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



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SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Avoid contact with skin and eyes.
Ensure adequate ventilation
Wear suitable protective clothing including eye/face protection.

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 earth or sand
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

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.
Eyewash bottles should be available

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)

Cleaners - Heavy duty

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Exposure limits :



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Hazardous ingredient	CAS-nr.	method	
EU established exposure limits:			
nitric acid	7697-37-2	STEL	1 ppm

8.2. Exposure controls

Control procedures :	Ensure adequate ventilation
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 ABEK type cartridge
hands and skin :	Wear suitable protective gloves (neoprene)
eyes :	Wear safety eyewear according to EN 166.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Apperance : physical state :	Paste.
colour :	Not available.
odour :	ACID Perceptible odour.
pH :	1.5
Boiling point/range :	100-120 °C
Flash point :	Not available.
Evaporation rate :	Not applicable.
Explosion limits : upper limit :	Not available.
lower limit :	Not available.
Vapour pressure :	2.33 kPa (@ 20°C).
Relative density :	1.352 g/cm ³ (@ 20°C).
Solubility in water :	Soluble in water
Auto-ignition :	> 200 °C
Viscosity :	Not available.

9.2. Other information

VOC = volatile organic compounds	0 g/l
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SECTION 10: Stability and reactivity

10.1. Reactivity

Affects metals

10.2. Chemical stability



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Stable

10.3. Possibility of hazardous reactions

In case of fire, do not breathe fumes
May give off noxious and toxic fumes in a fire

10.4. Conditions to avoid

frost
heat

10.5. Incompatible materials

acids and alkalis
Affects metals

10.6. Hazardous decomposition products

CO,CO2

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Ingestion :	Harmful if swallowed.
Skin contact :	Causes burns
Eye contact :	Causes burns.

Toxicological data :

No information available

SECTION 12: Ecological information

12.1. Toxicity

Not classified

Ecotoxicological data:

No information available

12.2. Persistence and degradability



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Not applicable.

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

No experimental data 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 : 3264

14.2. UN proper shipping name

Proper shipping name: CORROSIVE LIQUID, ACIDIC, INORGANIC, N.O.S. (nitric acid, ammonium hydrogendifluoride solution)

14.3. Transport hazard class(es)

Class: 8
ADR/RID - Classification code: C1

14.4. Packing group

Packing group: III

14.5. Environmental hazards



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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-A, S-B
IATA/ICAO - PAX: 818
IATA/ICAO - CAO: 820

14.7. Transport in bulk according to Annex II of MARPOL 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 1272/2008 (CLP)
Regulation (EC) No 1907/2006 (REACH)

15.2. Chemical safety assessment

No information available

SECTION 16: Other information

*Explanation hazard statements: H272 : May intensify fire; oxidiser.
H301 : Toxic if swallowed.
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.

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