

Productname : Inox Weld Kleen Creationdate : 23.05.19 Version : 3.0
 Ref.Nr.: BDS000857_3_20190523 (EN) Replaces: BDS000857_20190313

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 | Smedsgatan 3-5 LT4, PL62, 08101 LOJO | +358/(19)32.921 | |
| 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 Regulation (EC) No 1272/2008

Physical: Not classified
 Classification is based on test data.
Health: Acute toxicity, category 4
 Harmful if swallowed.



Productname : Inox Weld Kleen
Ref.Nr.: BDS000857_3_20190523 (EN)
Creationdate : 23.05.19 Version : 3.0
Replaces: BDS000857_20190313

Skin corrosion, category 1A
 Causes severe skin burns and eye damage.

Classification based on calculation method.

Environment: Not classified

Classification based on calculation method.

Other hazards : Corrosive to the respiratory tract.

Other hazards : Not classified

2.2. Label elements

Labelling according to Regulation (EC) No 1272/2008

Product identifier: Contains:
 ammonium bifluoride; ammonium hydrogen difluoride
 nitric acid

Hazard pictogram(s):



Signal word: Danger

Hazard statement(s): H302 : Harmful if swallowed.
 H314 : Causes severe skin burns and eye damage.

Precautionary statement(s): P101 : If medical advice is needed, have product container or label at hand.
 P102 : Keep out of reach of children.
 P280 : Wear protective gloves/protective clothing/eye protection/face protection.
 P301/330/331 : IF SWALLOWED: rinse mouth. Do NOT induce vomiting.
 P303/361/353 : IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.
 P305/351/338 : IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
 P310 : Immediately call a POISON CENTER or doctor/physician.
 P405 : Store locked up.
 P501-2 : Dispose of contents/container to an authorised waste collection point.

Supplemental Hazard information: Corrosive to the respiratory tract.

2.3. Other hazards

No information available

SECTION 3: Composition/information on ingredients

3.1. Substances

Not applicable.

3.2. Mixtures

| Hazardous ingredient | Registration | CAS-nr. | EC-nr | w/w | Hazard Class and | Hazard | Notes |
|----------------------|--------------|---------|-------|-----|------------------|--------|-------|
|----------------------|--------------|---------|-------|-----|------------------|--------|-------|



Productname : Inox Weld Kleen
Ref.Nr.: BDS000857_3_20190523 (EN)

Creationdate : 23.05.19 Version : 3.0
Replaces: BDS000857_20190313

| | number | | % | Category | statement | |
|---|------------------|------------|-----------|----------|-----------------------------|-------------|
| Nitric acid, aluminum salt | 01-2119979577-14 | 13473-90-0 | 236-751-8 | 15-30 | | H318 |
| nitric acid | 01-2119487297-23 | 7697-37-2 | 231-714-2 | 15-30 | Ox. Liq. 3, Skin Corr. 1A | H272,H314 A |
| ammonium bifluoride; ammonium hydrogen difluoride | 01-2119489180-38 | 1341-49-7 | 215-676-4 | 5-15 | Acute Tox. 3, Skin Corr. 1B | H301,H314 |
| Explanation notes | | | | | | |
| A : substance with Community workplace exposure limit | | | | | | |

(* Explanation phrases : see chapter 16)

SECTION 4: First aid measures

4.1. Description of first aid measures

| | |
|----------------------------|---|
| Contact with eyes : | IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or doctor/physician. |
| Contact with skin : | IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower. Immediately call a POISON CENTER or doctor/physician. |
| Inhalation : | IF INHALED: Remove person to fresh air and keep comfortable for breathing. Immediately call a POISON CENTER or doctor/physician. |
| Ingestion : | IF SWALLOWED: rinse mouth. Do NOT induce vomiting. Immediately call a POISON CENTER or doctor/physician. |

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

| | |
|-----------------------|---|
| Inhalation : | Corrosive to the respiratory tract. |
| 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 medical advice is needed, have product container or label at hand. In case of exposure to substance or its vapours, obtain special treatment by doctor as soon as possible. Persons exposed may not show immediate symptoms - they must lie down, keep still and be taken to a doctor. Patient should be kept under medical supervision for at least 48 hours. IF ON SKIN (or hair): Immediate treatment with calcium gluconate gel is required in case of exposure to this product or its vapours |
|-------------------------|--|

SECTION 5: Firefighting measures

5.1. Extinguishing media



CRC Industries Europe bvba

Touwslagerstraat 1, 9240 Zele – Belgium

Tel (+32) (0) 52 / 45 60 11 – Fax (+32) (0) 52 / 45 00 34 – www.crcind.com

Productname : Inox Weld Kleen
Ref.Nr.: BDS000857_3_20190523 (EN)
Creationdate : 23.05.19 Version : 3.0
Replaces: BDS000857_20190313

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
HF may be formed

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

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.
Rescuers should take suitable precautions to avoid becoming casualties themselves

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

Handle and open container with care.
Avoid exposure - obtain special instructions before use.
Do not breathe aerosols or vapours.
Ensure adequate ventilation
Wash thoroughly after use
Wear suitable protective clothing including eye/face protection and gloves.
Eyewash bottles should be available



Productname : Inox Weld Kleen **Creationdate :** 23.05.19 Version : 3.0
Ref.Nr.: BDS000857_3_20190523 (EN) **Replaces:** BDS000857_20190313

7.2. Conditions for safe storage, including any incompatibilities

Keep container tightly closed, in a cool, well ventilated place.
 Keep locked up and 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 :

| Hazardous ingredient | CAS-nr. | method | |
|---|-----------|--------|-------|
| EU established exposure limits: | | | |
| nitric acid | 7697-37-2 | STEL | 1 ppm |
| National established exposure limits, United Kingdom | | | |
| nitric acid | 7697-37-2 | STEL | 1 ppm |
| National established exposure limits, Ireland | | | |
| nitric acid | 7697-37-2 | TWA | - |
| | | 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. |
| recommended respiratory protection: | Air purifying respirator equipped with ABEK type cartridge |
| hands and skin : | When handling the product wear chemical-resistant gloves (standard EN 374). The breakthrough time of the glove should be longer than the total duration of product use. If work lasts longer than the breakthrough time, gloves should be changed part-way through. Check the appropriateness of the recommended gloves for your own particular conditions of use and replace gloves regularly after check for signs of damage or defects. Depending on amount and duration of use and the risk of contact with the product the gloves manufacturer can assist you in the selection of the right glove material and breakthrough time. |
| Recommended gloves: | (VITON) |
| eyes : | Wear safety eyewear according to EN 166. Wear goggles giving complete eye protection Eyewash bottles should be available |

SECTION 9: Physical and chemical properties



Productname : Inox Weld Kleen
Ref.Nr.: BDS000857_3_20190523 (EN)

Creationdate : 23.05.19 Version : 3.0
Replaces: BDS000857_20190313

9.1. Information on basic physical and chemical properties

Appearance : 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/cm³ (@ 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

SECTION 10: Stability and reactivity

10.1. Reactivity

Affects metals

10.2. Chemical stability

Avoid overheating

10.3. Possibility of hazardous reactions

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

10.4. Conditions to avoid

frost
heat

10.5. Incompatible materials

acids and alkalis
oxidising and reducing agents
Affects metals



Productname : Inox Weld Kleen
Ref.Nr.: BDS000857_3_20190523 (EN)
Creationdate : 23.05.19 Version : 3.0
Replaces: BDS000857_20190313

10.6. Hazardous decomposition products

CO,CO2,HF

SECTION 11: Toxicological information

11.1. Information on toxicological effects

| | |
|---|---|
| acute toxicity: | Harmful if swallowed. |
| skin corrosion/irritation: | Causes severe skin burns and eye damage. |
| serious eye damage/irritation: | Causes severe skin burns and eye damage. |
| respiratory or skin sensitisation: | based on available data the classification criteria are not met |
| germ cell mutagenicity: | based on available data the classification criteria are not met |
| carcinogenicity: | based on available data the classification criteria are not met |
| toxicity for reproduction: | based on available data the classification criteria are not met |
| STOT-single exposure: | based on available data the classification criteria are not met |
| STOT repeated exposure: | based on available data the classification criteria are not met |
| aspiration hazard: | based on available data the classification criteria are not met |

Information on likely routes of exposure:

| | |
|-----------------------|-------------------------------------|
| Inhalation : | Corrosive to the respiratory tract. |
| 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

No experimental data available

12.3. Bioaccumulative potential



Productname : Inox Weld Kleen
Ref.Nr.: BDS000857_3_20190523 (EN)

Creationdate : 23.05.19 Version : 3.0
Replaces: BDS000857_20190313

No experimental data 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 experimental data available

SECTION 13: Disposal considerations

13.1. Waste treatment methods

| | |
|---------------------------------|--|
| Product : | LoW 15 01 10: Waste packaging; packaging containing residues of or contaminated by dangerous substances |
| | Do not discharge into drains or the environment, dispose to an authorised waste collection point. |
| Contaminated packaging : | LoW 11 01 05: wastes from chemical surface treatment and coating of metals and other materials; pickling acids |

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: II

14.5. Environmental hazards



Productname : Inox Weld Kleen
Ref.Nr.: BDS000857_3_20190523 (EN)
Creationdate : 23.05.19 Version : 3.0
Replaces: BDS000857_20190313

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: 852
IATA/ICAO - CAO: 856

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.
Regulation (EC) No 1907/2006 (REACH)
Regulation (EC) No 1272/2008 (CLP)

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.
H318 : Causes serious eye damage.

REVISIONS IN CHAPTRE : 8.2. Exposure controls
acronyms and synonyms: TWA = time weight average
STEL = short time exposure limit
VOC = volatile organic compounds
PBT = persistant bioaccumulative toxic
vPvB = very persitant very bioaccumulative

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.

