

**Safety Data Sheet**

according to UK REACH Regulation

**Breake & Assembly Cleaner New**

Revision date: 20.03.2025

Product code: 188171VAR.

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

Breake &amp; Assembly Cleaner New

**Further trade names**

UFI: HXAX-RXEU-CQ5W-VF3V

**1.2. Relevant identified uses of the substance or mixture and uses advised against****Use of the substance/mixture****Uses advised against**

Reserved for industrial and professional use.

**1.3. Details of the supplier of the safety data sheet**

Company name: ITW LLC & Co. KG  
Street: Am Eichenbach 14  
Place: D-73054 Eislingen/Fils  
Telephone: +49 800 6273002  
E-mail: skrautmann@itwindustrialsolutions.com  
Contact person: Produktsicherheit Mo. - Do. Telephone: ++49 800 6273002  
8.00 - 16.30 Fr. 8.00 - 14.00  
E-mail: info@itwindustrialsolutions.com  
Internet: www.itwindustrialsolutions.com  
Responsible Department: Produktsicherheit Mo. - Do. 8.00 - 16.30 Fr. 8.00 - 14.00  
Deutschland: Vergiftungs-Informationen-Zentrale Freiburg 0761 19240  
Swiss Toxicological Information Centre - Téléphone : +41 44 251 51 51 (in Switzerland dial 145)  
United Kingdom : National Poisons Information Service - Phone number : 8448920111  
Österreich : Vergiftungsinformationszentrale Vienna - Telefon-Nummer : +43 1 406 43 43  
Schweiz : Tox Info Suisse - Telefon-Nummer : +41 44 251 51 51  
España : Instituto Nacional de Toxicología - Teléfono : +34 91 562 04 20  
România (Romania): Spitalul de Urgenta Floreasca 021 230 8000  
România (Romania): Spitalul de Urgenta Floreasca 021 230 8000  
CAV "Ospedale Pediatrico Bambino Gesù" – Roma Tel. (+39) 06.6859.3726  
CAV "Azienda Ospedaliera Università di Foggia" – Foggia Tel. 800.183.459  
CAV "Azienda Ospedaliera A. Cardarelli" – Napoli Tel. (+39) 081.545.3333  
CAV Policlinico "Umberto I" – Roma Tel. (+39) 06.4997.8000  
CAV Policlinico "A. Gemelli" – Roma Tel. (+39) 06.305.4343  
CAV Azienda Ospedaliera "Careggi" U.O. Tossicologia Medica – Firenze Tel. (+39) 055.794.7819  
CAV Centro Nazionale di Informazione Tossicologica – Pavia Tel. (+39) 0382.24.444  
CAV Ospedale Niguarda – Milano Tel. (+39) 02.66.1010.29  
CAV Azienda Ospedaliera Papa Giovanni XXIII – Bergamo Tel. 800.88.33.00  
CAV Centro antiveneni Veneto – Verona Tel. 800.011.858  
Slovakia: National Toxicological Information Centre Bratislava +421 2 5465 2307  
Czech Republic: Ministry of Health of the Czech Republic Chemical Substances and Biocidal Products Unit +420 267 082 236  
Slovakia: National Toxicological Information Centre Bratislava +421 2 5465 2307  
Myrkytystietokeskus/HUS 0800 – 147111/ 09-471977

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**1.4. Emergency telephone number:**

Deutschland: ++49 800 6273002

Slovakia: National Toxicological Information Centre Bratislava +421

**SECTION 2: Hazards identification****2.1. Classification of the substance or mixture****GB CLP Regulation**

Aerosol 1; H222-H229

Skin Irrit. 2; H315

STOT SE 3; H336

Aquatic Chronic 2; H411

Full text of hazard statements: see SECTION 16.

**2.2. Label elements****GB CLP Regulation****Hazard components for labelling**

Hydrocarbons , C6-C7, n-Alkane, Isoalkane, Cycloalkane, &lt;5% n-Hexan

**Signal word:** Danger**Pictograms:****Hazard statements**

- |      |  |
|------|--|
| H222 | Extremely flammable aerosol.                     |
| H229 | Pressurised container: May burst if heated.      |
| H315 | Causes skin irritation.                          |
| H336 | May cause drowsiness or dizziness.               |
| H411 | Toxic to aquatic life with long lasting effects. |

**Precautionary statements**

- |           |  |
|-----------|--|
| P304+P340 | IF INHALED: Remove person to fresh air and keep comfortable for breathing.                     |
| P332+P313 | If skin irritation occurs: Get medical advice/attention.                                       |
| P302+P352 | IF ON SKIN: Wash with plenty of water.   |
| P280      | Wear protective gloves/protective clothing/eye protection/face protection/hearing protection.  |
| P273      | Avoid release to the environment.  |
| P410+P412 | Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F.                   |
| P271      | Use only outdoors or in a well-ventilated area.  |
| P261      | Avoid breathing dust/fume/gas/mist/vapours/spray.  |
| P251      | Do not pierce or burn, even after use.   |
| P211      | Do not spray on an open flame or other ignition source.  |
| P210      | Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. |

**2.3. Other hazards**

In case of insufficient ventilation and/or through use, explosive/highly flammable mixtures may develop.

**SECTION 3: Composition/information on ingredients****3.2. Mixtures**

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### Relevant ingredients

CAS No	Chemical name			Quantity
	EC No	Index No	REACH No	
	Classification (GB CLP Regulation)			
	Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cycloalkanes <5% hexane			50-100%
	921-024-6		01-2119475514-35	
	Flam. Liq. 2, Skin Irrit. 2, STOT SE 3, Asp. Tox. 1, Aquatic Chronic 2; H225 H315 H336 H304 H411			
75-28-5	isobutane			10-20%
	200-857-2	601-004-00-0		
	Flam. Gas 1; H220			
124-38-9	Carbondioxide			1-5%
	204-696-9			
	Compressed gas; H280			
74-98-6	propane			1-5%
	200-827-9	601-003-00-5		
	Flam. Gas 1; H220			

Full text of H and EUH statements: see section 16.

### Further Information

Contains: Kohlenwasserstoffe C6-C7, n-Alkane, Isoalkane, Cyclen <5% n-Hexan

Contains: Hydrocarbons C6-C7, n-alkanes, isoalkanes, cyclics, < 5% n-hexane

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

#### General information

First aider: Pay attention to self-protection!

#### After inhalation

Provide fresh air.

#### After contact with skin

After contact with skin, wash immediately with: Water. Change contaminated clothing.

#### After contact with eyes

Rinse immediately carefully and thoroughly with eye-bath or water.

#### After ingestion

If swallowed, immediately drink: Water.

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

Headache, Dizziness

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

Treat symptomatically. Call a POISON CENTER. Symptoms can occur only after several hours.

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

#### Suitable extinguishing media

Carbon dioxide (CO2). Foam. Extinguishing powder.

#### Unsuitable extinguishing media

Water with tenside additive. Water.

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

Combustible. Vapours may form explosive mixtures with air. Heating causes rise in pressure with risk of bursting.

**5.3. Advice for firefighters**

In case of fire: Wear self-contained breathing apparatus.

**Additional information**

Use water spray jet to protect personnel and to cool endangered containers.

**SECTION 6: Accidental release measures****6.1. Personal precautions, protective equipment and emergency procedures****General advice**

Remove all sources of ignition.

**6.2. Environmental precautions**

Do not allow to enter into surface water or drains. Explosion hazard.

**6.3. Methods and material for containment and cleaning up****For containment**

For cleaning up Wash with plenty of water.

**For cleaning up**

For cleaning up Wash with plenty of water.

**Other information**

Ventilate affected area.

**SECTION 7: Handling and storage****7.1. Precautions for safe handling****Advice on safe handling**

If handled uncovered, arrangements with local exhaust ventilation have to be used. Do not breathe gas/fumes/vapour/spray.

**Advice on protection against fire and explosion**

Keep away from sources of ignition - No smoking.

**Advice on general occupational hygiene**

Change contaminated clothing. Wash hands before breaks and after work. When using do not eat or drink.

**7.2. Conditions for safe storage, including any incompatibilities****Requirements for storage rooms and vessels**

Keep container tightly closed. Keep in a cool, well-ventilated place. Keep away from sources of ignition - No smoking.

**Hints on joint storage**

Do not store together with: Material, rich in oxygen, oxidizing.

**Further information on storage conditions**

Recommended storage temperature 20°C

**7.3. Specific end use(s)****SECTION 8: Exposure controls/personal protection****8.1. Control parameters**

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### Exposure limits (EH40)

CAS No	Substance	ppm	mg/m <sup>3</sup>	fibres/ml	Category	Origin
106-97-8	Butane	600	1450		TWA (8 h)	WEL
		750	1810		STEL (15 min)	WEL
124-38-9	Carbon dioxide	5000	9150		TWA (8 h)	WEL
		15000	27400		STEL (15 min)	WEL

### 8.2. Exposure controls



#### Appropriate engineering controls

If handled uncovered, arrangements with local exhaust ventilation have to be used. Do not breathe gas/fumes/vapour/spray.

#### Individual protection measures, such as personal protective equipment

##### Eye/face protection

Tightly sealed safety glasses.

##### Hand protection

EN ISO 374 Tested protective gloves are to be worn: Butyl rubber. Breakthrough time: 480 min. Thickness of the glove material 0,45mm For special purposes, it is recommended to check the resistance to chemicals of the protective gloves mentioned above together with the supplier of these gloves.

##### Skin protection

Protective clothing: Take off immediately all contaminated clothing and wash it before reuse.

##### Respiratory protection

In case of inadequate ventilation wear respiratory protection.

## SECTION 9: Physical and chemical properties

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

Physical state:	Aerosol
Colour:	clear colourless
Odour:	characteristic
Boiling point or initial boiling point and boiling range:	-0,5 °C
Flash point:	<0° °C
Auto-ignition temperature:	>200 °C
Viscosity / kinematic:	<7 mm <sup>2</sup> /s
Density:	0,69 g/cm <sup>3</sup>

### 9.2. Other information

Keine weiteren relevanten Informationen verfügbar.  
No further relevant information available.

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

No data available

### 10.2. Chemical stability

No data available

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**10.3. Possibility of hazardous reactions**

No data available

**10.4. Conditions to avoid**

Keep away from heat. Ignition hazard.

**10.5. Incompatible materials**

No data available

**10.6. Hazardous decomposition products**aldehydes. Carbon dioxide (CO<sub>2</sub>). Carbon monoxide**SECTION 11: Toxicological information****11.1. Information on hazard classes as defined in GB CLP Regulation****Acute toxicity**

Based on available data, the classification criteria are not met.

**ATEmix calculated**

ATE (oral) &gt; 2000 mg/kg; ATE (dermal) &gt; 2000 mg/kg; ATE (inhalation gas) &gt; 20000 ppm

**Irritation and corrosivity**

Skin corrosion/irritation: Causes skin irritation.

Serious eye damage/eye irritation: Based on available data, the classification criteria are not met.

No data available

**Sensitising effects**

Based on available data, the classification criteria are not met.

not sensitising.

**Carcinogenic/mutagenic/toxic effects for reproduction**

Germ cell mutagenicity: Based on available data, the classification criteria are not met.

Carcinogenicity: Based on available data, the classification criteria are not met.

Reproductive toxicity: Based on available data, the classification criteria are not met.

No data available

**STOT-single exposure**

May cause drowsiness or dizziness. (Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cycloalkanes &lt;5% hexane)

No data available

**STOT-repeated exposure**

Based on available data, the classification criteria are not met.

No data available

**Aspiration hazard**

Based on available data, the classification criteria are not met.

No data available

**Information on likely routes of exposure**

No data available

**Specific effects in experiment on an animal**

No data available

**Additional information on tests**

No data available

**Practical experience**

No data available

**11.2. Information on other hazards****Endocrine disrupting properties**

This product does not contain a substance that has endocrine disrupting properties with respect to humans as no components meets the criteria.

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**Other information**

Aufgrund der verfügbaren Daten sind die Einstufungskriterien nicht erfüllt.  
Based on the available data, the classification criteria are not met.

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

Toxic to aquatic life with long lasting effects.

**12.3. Bioaccumulative potential****Partition coefficient n-octanol/water**

CAS No	Chemical name	Log Pow
75-28-5	isobutane	2,8
74-98-6	propane	2,36

**12.5. Results of PBT and vPvB assessment**

The substances in the mixture do not meet the PBT/vPvB criteria according to UK REACH.

**12.6. Endocrine disrupting properties**

This product does not contain a substance that has endocrine disrupting properties with respect to non-target organisms as no components meets the criteria.

**12.7. Other adverse effects**

No data available

**Further information**

Do not allow to enter into surface water or drains.

**SECTION 13: Disposal considerations****13.1. Waste treatment methods****Disposal recommendations**

Dispose of waste according to applicable legislation.

**List of Wastes Code - residues/unused products**

160504 WASTES NOT OTHERWISE SPECIFIED IN THE LIST; gases in pressure containers and discarded chemicals; gases in pressure containers (including halons) containing hazardous substances; hazardous waste

**List of Wastes Code - contaminated packaging**

150104 WASTE PACKAGING; ABSORBENTS, WIPING CLOTHS, FILTER MATERIALS AND PROTECTIVE CLOTHING NOT OTHERWISE SPECIFIED; packaging (including separately collected municipal packaging waste); metallic packaging

**Contaminated packaging**

Non-contaminated packages may be recycled. Handle contaminated packages in the same way as the substance itself.

**SECTION 14: Transport information****Land transport (ADR/RID)****14.1. UN number or ID number:**

UN1950

**14.2. UN proper shipping name:**

AEROSOLS

**14.3. Transport hazard class(es):**

2

Hazard label:

2.1



Classification code:

5F

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Special Provisions: 190 327 625

Limited quantity: 1 L

Transport category: 2

Tunnel restriction code: D

#### Other applicable information (land transport)

E0

#### Inland waterways transport (ADN)

**14.1. UN number or ID number:** UN1950

**14.2. UN proper shipping name:** AEROSOLS

**14.3. Transport hazard class(es):** 2

Hazard label: 2.1



Classification code: 5F

Special Provisions: 190 327 344 625

Limited quantity: 1 L

#### Other applicable information (inland waterways transport)

E0

#### Marine transport (IMDG)

**14.1. UN number or ID number:** UN1950

**14.2. UN proper shipping name:** AEROSOLS

**14.3. Transport hazard class(es):** 2

**14.4. Packing group:** -

Hazard label: 2, see SP63

Special Provisions: 63, 190, 277, 327, 344, 959

Limited quantity: See SP277

EmS: F-D, S-U

#### Other applicable information (marine transport)

E0

#### Air transport (ICAO-TI/IATA-DGR)

**14.1. UN number or ID number:** UN1950

**14.2. UN proper shipping name:** AEROSOLS, flammable

**14.3. Transport hazard class(es):** 2.1

Hazard label: 2.1



Special Provisions: A145 A167

Limited quantity Passenger: 30 kg G

IATA-packing instructions - Passenger: 203

IATA-max. quantity - Passenger: 75 kg

IATA-packing instructions - Cargo: 203

IATA-max. quantity - Cargo: 150 kg

#### Other applicable information (air transport)

E0

: Y203

#### 14.5. Environmental hazards



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ENVIRONMENTALLY HAZARDOUS: Yes



Danger releasing substance: Hydrocarbons , C6-C7, n-Alkane, Isoalkane, &lt;5% n-Hexan

**14.6. Special precautions for user**

Keine weiteren relevanten Informationen verfügbar.  
No further relevant information available.

**14.7. Maritime transport in bulk according to IMO instruments**

Keine weiteren relevanten Informationen verfügbar.  
No further relevant information available.

**SECTION 15: Regulatory information****15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture****EU regulatory information**

Restrictions on use (REACH, annex XVII):

Entry 28, Entry 40

Directive 2004/42/EC on VOC in paints and varnishes: 7,692 % (54,613 g/l)

**National regulatory information**

Water hazard class (D): 1 - slightly hazardous to water

**SECTION 16: Other information****Abbreviations and acronyms**

Flam. Gas: Flammable gases  
Aerosol: Aerosols  
Compressed gas  
Liquefied gas  
Flam. Liq: Flammable liquids  
Asp. Tox: Aspiration hazard  
Skin Irrit: Skin irritation  
STOT SE: Specific target organ toxicity - single exposure  
Aquatic Chronic: Chronic aquatic hazard

**Relevant H and EUH statements (number and full text)**

H220	Extremely flammable gas.
H222	Extremely flammable aerosol.
H225	Highly flammable liquid and vapour.
H229	Pressurised container: May burst if heated.
H280	Contains gas under pressure; may explode if heated.
H304	May be fatal if swallowed and enters airways.
H315	Causes skin irritation.
H336	May cause drowsiness or dizziness.
H411	Toxic to aquatic life with long lasting effects.

*(The data for the relevant ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)*