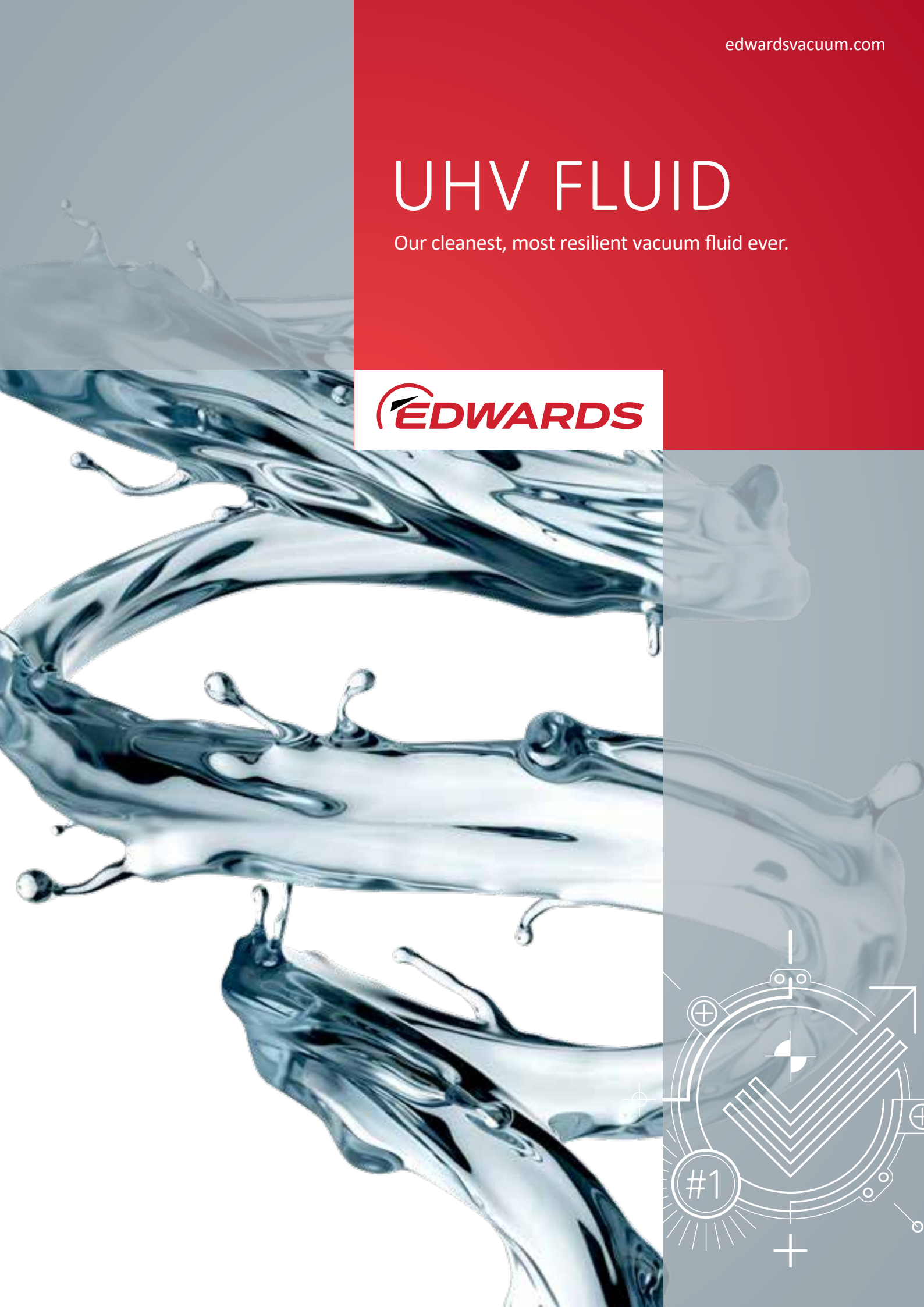


UHV FLUID

Our cleanest, most resilient vacuum fluid ever.



EDWARDS UHV FLUID BENEFITS



Faster cycling and reduced down time between cycles by releasing vacuum without need to cool the pump.



Will not break down, decompose or deposit under normal operational conditions.



High thermal and chemical stability without deterioration or contamination for longer service life.



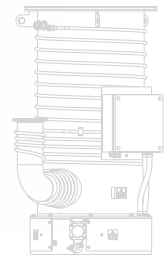
Allows faster pumping for large volume of gas and vapour, at low pressure saving time and money.



Extremely resistant to oxidation, hydrolysis and gamma radiation.



Produces ultra high, ultra clean vacuum compared to multicomponent silicones and organic compounds.



TECHNICAL SPECIFICATIONS

| UHV FLUID | |
|--------------------------|------------------------------|
| Vapour pressure at 25°C | 6.6 x 10 ⁻¹⁰ mbar |
| Viscosity at 25°C | 175 cSt |
| Flash point | 100°C |
| Pour point | -35°C |
| Boiling point (0.5 torr) | >245°C |
| Density at 15°C | 1.095 g/cm ³ |

APPLICATIONS INCLUDE

| UHV FLUID |
|--|
| Metallurgy |
| Surface technology |
| Vapour deposition of thin films by sputtering or evaporation |
| UHV furnaces, melting, degassing and sintering refractory metals |
| Electron-beam operations |
| Heat treatment |
| Thermonuclear and plasma physics |

Publication Number: 3604 1628 01

© Edwards Limited 2020. All rights reserved. Edwards and the Edwards logo are trademarks of Edwards Limited.

Whilst we make every effort to ensure that we accurately describe our products and services, we give no guarantee as to the accuracy or completeness of any information provided in this datasheet.

Edwards Ltd, registered in England and Wales No. 6124750, registered office: Innovation Drive, Burgess Hill, West Sussex, RH15 9TW, UK.

GLOBAL CONTACTS

EMEA

| | |
|----------------|--|
| UK | +44 (0) 1444 253 000 (local rate) 0845 921 2223 |
| Belgium | +44 1293 60 3350 |
| France | +33 1 4121 1256 |
| Germany | 0800 000 1456 |
| Italy | +39 02 48 4471 |
| Israel | +972 8 681 0633 |
| Russia | +7 495 933 55 50 Ext. 1800/1803 +8 800 775 80 99 |

ASIA PACIFIC

| | |
|------------------|------------------|
| China | +86 400 111 9618 |
| India | +91 20 4075 2222 |
| Japan | +81 47 458 8836 |
| Korea | +82 31 716 7070 |
| Singapore | +65 6546 8408 |
| Taiwan | +886 3758 1000 |

AMERICAS

| | |
|---------------|------------------|
| USA | +1 800 848 9800 |
| Brazil | +55 11 3952 5000 |

