

REACH standard information requirements

The requirements below have to be adapted, waived or increased, according to the rules given in columns 1 and 2 of annexes VII to X and according to annexe XI.

≥ 1000 t/year (annexes VII + VIII + IX + X)

100-1000 t/year (annexes VII + VIII + IX)

10-100 t/year (annexes VII + VIII)

1-10 t/year (annexe VII)

Toxicological information

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| <ul style="list-style-type: none"> • Skin irritation or skin corrosion (<i>in vitro</i>) • Eye irritation (<i>in vitro</i>) • Skin sensitisation • Mutagenicity (<i>in vitro</i>, gene mutation bacteria) • Acute toxicity (oral route) | <ul style="list-style-type: none"> • Skin irritation (<i>in vivo</i>) • Eye irritation (<i>in vivo</i>) • Mutagenicity (<i>in vitro</i>, cytogenicity mammalian cells or micronucleus) • Mutagenicity (<i>in vitro</i>, gene mutation mammalian cells) • Acute toxicity (inhalation) • Acute toxicity (dermal route) • Repeated dose toxicity (28 days, one species) • Reproductive toxicity (screening, one species) • Toxicokinetics (assessment from available information) | <ul style="list-style-type: none"> • Repeated dose toxicity (28 days, one species)* • Repeated dose toxicity (90 days, one species, rodent) • Reproductive toxicity (pre-natal development, one species) • Reproductive toxicity (two generations, one species) | <ul style="list-style-type: none"> • Reproductive toxicity (developmental, one species) • Reproductive toxicity (two generations, one species)* • Carcinogenicity study |
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* These studies have to be carried out if they have not been completed for the lower tonnage band because of waiving

Ecotoxicological information

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| <ul style="list-style-type: none"> • Aquatic toxicity (short term, invertebrates) • Aquatic toxicity (short term, aquatic plants) • Degradation (biotic, readily biodegradability) | <ul style="list-style-type: none"> • Aquatic toxicity (short term, fish) • Aquatic toxicity (activated sludge respiration, inhibition testing) • Degradation (abiotic, hydrolysis function of pH) • Fate and behaviour in the environment (adsorption/desorption screening) | <ul style="list-style-type: none"> • Aquatic toxicity (long term, invertebrates) • Aquatic toxicity (long term, fish) • Degradation (biotic, surface water) • Degradation (biotic, soil) • Degradation (biotic, sediment) • Degradation (biotic, identification of degradation products) • Fate and behaviour in the environment (bioaccumulation, aquatic species) • Fate and behaviour in the environment (further information on adsorption/desorption) • Effects on terrestrial organisms (short term, invertebrates) • Effects on terrestrial organisms (soil micro-organisms) • Effects on terrestrial organisms (short term, plants) | <ul style="list-style-type: none"> • Degradation (biotic, further testing) • Fate and behaviour in the environment (further information) • Effects on terrestrial organisms (long term, invertebrates) • Effects on terrestrial organisms (long term, plants) • Effects on sediment organisms (long term) • Effects on birds (long term or reproductive) |
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Physico-chemical properties

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| <ul style="list-style-type: none"> • State of the substance at 20°C and 101.3 kPa • Melting/freezing point • Boiling point • Relative density • Vapour pressure • Surface tension • Water solubility • Partition coefficient n-octanol/water • Flash-point • Flammability • Explosive properties • Self-ignition temperature • Oxidising properties • Granulometry | <ul style="list-style-type: none"> • Stability in organic solvents and identity of relevant degradation products (if substance stability is considered to be critical) • Dissociation constant • Viscosity |
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