



Statement on the carcinogenic potential of glutaraldehyde in Incidin Rapid (FC 911637)

Glutaraldehyde is an active ingredient of Incidin Rapid, which is a concentrate recommended to be used in concentrations of 0.25 % - 2 % for the disinfection of hard surfaces.

Under the EU regulation (EG) No 1272/2008, glutaraldehyde has the following harmonized hazard classification with respect to human health, listed in Annex VI of the CLP regulation:

Acute Toxicity Category 2, H331
Acute Toxicity, Category 3, H301
STOT SE 3, H335
Skin Corrosion, Category 1B, H314
Respiratory Sensitization 1, H334
Skin Sensitization 1A, H317

Glutaraldehyde is not classified with respect to the hazards "mutagenicity" and "carcinogenicity" (1, 2).

Because of the irritating and potential sensitizing effects of glutaraldehyde, a maximum workplace concentration of 0.05 ml/m³ (0.21 mg/m³), with a peak limitation category I, excursion factor 2, has been determined to protect workers from health hazards (3, 4).

Glutaraldehyde in Incidin Rapid does not increase the carcinogenic risk provided that maximum workplace concentrations are not exceeded and that the product is used as recommended by Ecolab.

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References:

- [1] European Union (2008), Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures (CLP), amending and repealing Directives 67/548/EEC (DSD) and 1999/45/EC (DPD), and amending Regulation (EC) No 1907/2006
- [2] Ninth Adaption to Technical Progress to CLP Regulation. Commission Regulation (EU) 2016/1179 of 19 July 2016 amending, for the purposes of its adaption to technical and scientific progress, Regulation (EC) No 1272/2008 of the European Parliament and the Council on classification, labelling and packaging of substances and mixtures.
- [3] TRGS 900, Technische Regeln für Gefahrstoffe, Arbeitsplatzgrenzwerte, Ausgabe Januar 2006, BArBI Heft 1/2006 S. 41-55 zuletzt geändert und ergänzt: GMBI 2016 S886-889 [Nr. 45] (v. 4.11.2016)
- [4] Grenzwerte am Arbeitsplatz 2016, SUVA, Bereich Arbeitsmedizin, Ausgabe Januar 2016