



Incidin Pro (FC 915617) Toxicological Hazard Assessment

Summary

Based on the toxicological potential and the mass content of the ingredients, Incidin Pro (FC 915617) has to be classified as "corrosive". The following classification applies with regard to health effects:

DSD/DPD: R34, 22

CLP: Skin Corr. 1A, H314, Acute Tox 4, H302

Application and chemical characterization

Incidin Pro (FC 915617) is a liquid surface disinfectant concentrate for cleaning and disinfection all types of surfaces. The product is to be applied in working solutions containing up to 3%. The pH value of the undiluted product is approx. 11. The product is based on quaternary ammonium compounds and amine with broad efficacy spectrum and good cleaning properties against soil and blood.

Toxicological profile

In compliance with the respective EU regulations (1-4), the toxicological profile of the product can be deduced from the data of the ingredients (5-11).

The toxicological profile of the product is determined by a combination of its ingredients. As a result, Incidin Pro (FC 915617) has to be classified as 'corrosive' Cat. 1A and labeled with the risk phrase H314 'Causes severe skin burns and eye damage' and R34 'Causes burns', respectively.

The systemic toxicity of Incidin Pro (FC 915617) was determined according to the LD50-value and the mass content of the ingredients. Based on this calculation Incidin Pro (FC 915617) has to be labeled with the risk phrase H302 'Harmful if swallowed' and R22, respectively.

The working solution containing up to 3% Incidin Pro (FC 915617) does not require classification with regard of health effects.

Incidin Pro (FC 915617) does not contain any ingredients classified as 'mutagenic', 'carcinogenic' or 'toxic to reproduction'.



Handling recommendations

After contact with skin and eyes Incidin Pro (FC 915617) may cause severe burns. Therefore, appropriate protection measures are strongly recommended when handling the product. Direct contact should be avoided by wearing protective gloves and goggles.

In case of eye contact, the eye should be immediately rinsed with copious amounts of water for at least 10 minutes. An ophthalmologist should be consulted immediately.

In case of skin contact, rinse with plenty of water. Contaminated clothes should be removed immediately. A physician has to be consulted.

After accidental intake of the product the oral cavity should be rinsed out with plenty of water. Afterwards non-sparkling water (up to 2 glasses) should be given. A physician has to be consulted immediately.

Monheim am Rhein, 26.08.2013

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References

- [1] Council Directive 67/548/EEC on the approximation of laws, regulations and administrative provisions relating to the classification, packaging and labelling of dangerous substances and current amendments
- [2] Council Directive 1999/45/EC on the classification, packaging and labelling of dangerous preparations and current amendments
- [3] Guidance to Regulation (EC) No 1272/2008 on classification, labelling and packaging (CLP) of substances and mixtures, http://guidance.echa.europa.eu/docs/guidance_document/clp_en.pdf
- [4] 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.
- [5] RM Code 300040
- [6] RM Code 170345
- [7] RM Code 176694
- [8] RM Code 116053
- [9] RM Code 176108
- [10] RM Code 250148
- [11] RM Code 300128