SECTION 11: Toxicological information

11.1 Information on toxicological effects

Product

- Acute oral toxicity: LD50: > 2.000 mg/kg, rat, OECD Test Guideline 401, Readacross (Analogy)
- Acute inhalation toxicity: LC50: > 1.6 mg/l, 7 h, rat, vapour, OECD Test Guideline 403, Read-across (Analogy): Components of the product may affect the nervous system. Inhalation of high vapour concentrations may cause symptoms like headache, dizziness, tiredness, nausea and vomiting. Symptoms may be delayed.
- Acute dermal toxicity: LD50: > 2.000 mg/kg, rat, OECD Test Guideline 402, Readacross (Analogy)
- Skin corrosion/irritation: rabbit, Classification: Irritating to skin, Read-across (Analogy)
- Serious eye damage/eye irritation: rabbit, Classification: No eye irritation, Read-across (Analogy)
- Respiratory or skin sensitization: Buehler Test, guinea pig, Result: Did not cause sensitization on laboratory animals, Read-across (Analogy)
- Specific target organ toxicity - repeated exposure: Repeated exposure may cause skin dryness or cracking.
- Aspiration hazard: Aspiration may cause pulmonary oedema and pneumonitis.

Components

Component 1:

- Acute oral toxicity: Acute toxicity estimate: 500 mg/kg, Converted acute toxicity point estimate: LD50: > 2.000 mg/kg, rat
- Acute dermal toxicity: LD50: > 2.000 mg/kg, rabbit

Component 2:

- Acute oral toxicity: LD50: 5.580 mg/kg, rat(male)
- Acute inhalation toxicity: LC50: > 20 mg/l, 4 h, rat, OECD Test Guideline 403, Dizziness, Loss of balance, Neurological disorders, Vapours may cause drowsiness and dizziness.
- Teratogenicity: rat, Inhalation, NOAEL: 600 ppm
- Specific target organ toxicity - repeated exposure: rat, Oral, NOAEL: 625 mg/kg; rat, Inhalation, NOAEL: 1.131 mg/m3

Component 3:

- Acute inhalation toxicity: LC50: 44,5 mg/l, 4 h, rat, Central nervous system depression : 61 - 65 mg/l, 5 min, human, Fatality: 25 mg/l, 30 min, human, Fatality: 1.6 mg/l, 1 h, human, Headache, Nausea, Dizziness: 0.16 - 0.48 mg/l, 5 h, human, Fatigue, Headache: 1 - 5 ppm, Odour threshold.: 300 ppm, Odour, 100% recognition
- Acute dermal toxicity: LD50: > 8.260 mg/kg, rabbit
- Skin corrosion/irritation: rabbit, Result: irritating, OECD Test Guideline 404
- Serious eye damage/eye irritation: rabbit, Result: irritating
- Respiratory or skin sensitization: mouse, Result: Did not cause sensitization on laboratory animals.
- Germ cell mutagenicity
- Genotoxicity in vitro: Chromosome aberration test in vitro, with or without metabolic activation, Result: positive
- Genotoxicity in vivo: mouse, Bone marrow, Inhalation, 8 weeks, Mutagenicity (micronucleus test), Result: positive assessment: May cause genetic defects.