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UNITED KINGDOM

Test Report No. CSA 246309/1
Issue Date: 27 October 2017

Attn: Mick Adams

Sample Name: WATER PACKS

Sample Reference:

TOXICOLOGICAL RISK ASSESSMENT

PRODUCT: WATER PACKS

This Risk Assessment is conducted in accordance with the principles of Good Laboratory Practice referred to in Article 1 of Council Directive 2004/ 10/ EC on the applications of the principles of good laboratory practice and the verification of their application for tests on chemical substances.

This assessment takes account of:

- a) The general toxicological profile of each ingredient used.
- b) The chemical structure of each ingredient.
- c) The level of exposure of each ingredient.
- d) The end use of the product.

REVIEW OF INGREDIENTS

The assessment is based on ingredient safety reviews and legislation and information on the final formulation, including the intended and reasonably foreseeable conditions of use and the physico-chemical properties and specifications of the ingredients.

PRODUCT DESCRIPTION

WATER PACKS

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DESCRIPTION OF INTENDED AND REASONABLY FORSEEABLE USE

Use as a cool pack. May come into contact with food.

QUALITATIVE AND QUANTITATIVE COMPOSITION OF THE PRODUCT

The names of the ingredients in the composition are listed below. Detailed information on the safety, toxicology and legislative status of the ingredients has been reviewed.

PRODUCT

Purified water chlorinated at 5ppm with Sodium Hypochlorite.

PACKAGING

The packaging material consists of low density polyethylene. This material conforms to the requirements of European Regulation 1935/ 2004/ EEC on materials and articles intended to come into contact with food, applicable to plastic raw materials.

The inks that are used in this product do not contain any substance or mixture classified as toxic according to the Dangerous Substances Directive 67/ 548/ EEC.

INGREDIENTS

Water (uv treated) – (to 100.00%w/w)
Sodium Hypochlorite (to 5ppm available chlorine)

The above ingredients have been reviewed for their safety in the context of their inclusion in the finished product and the intended mode of use of the product as follows:

SODIUM HYPOCHLORITE

CAS No 7681-52-9 EC No 231-668-3

Sodium Hypochlorite is widely used as a disinfectant and general purpose sanitiser. It is used as a sanitiser in a wide variety of markets, including contact with food and it conforms to the American Code of Regulations 21 CFR 78.1010 (Sanitising Solutions) which sets a limit for use of 200ppm. The use of Sodium Hypochlorite has also been reviewed as satisfactory to be used as a sanitiser by the European Commission Scientific Committee on Health and Environmental Risks (SCHER Report 22/3/ 2008). It is non-toxic by ingestion at 5ppm available chlorine.

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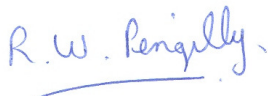
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TOXICOLOGICAL RISK ASSESSMENT CONCLUSION

Based on the toxicological profiles and the legislative status of the ingredients used in the Water Packs, their concentrations in the formulation and the mode of use of the product, it is concluded that this product poses a low level of toxicological risk.

This product can be labelled “Contains pure filtered water. Safe to ingest”.

Signed for and on behalf of
SGS United Kingdom Ltd



Roger Pengilly
BSc, PhD, MRSC, CChem
Cosmetic Safety Assessor

End of Report

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