

Client:

Toxicological Risk Assessment

Report 20362-1-29266

Towelette

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ID11

PRODUCT DETAILS

Product Reference

Type of Product: Inkless Foot Print LIquid / Rinse off

Physical Form: Fabric

> Save The Moment Ltd 65, Columbia Road Bournemouth Dorset BH10 4EA

PHYSICAL / CHEMICAL CHARACTERISTICS

Viscosity: Appearance: Towelette in a sealed sachet **Odour:** None **Water Solubility:** n.a. **Melting Point:** Log Kow: n.a. n.a. **Evaporation Rate:** n.a. **Boiling Point:** n.a. Vapour Pressure: n.a. pH: n.a. Particle Size: Specific Gravity: n.a. n.a.

FORMULATION OVERVIEW

The formulation of this product has not been disclosed, and is held in confidence by Delphic HSE Solutions Ltd. For information concerning the formulation of this product, please refer any enquiries to the manufacturer.

SAFETY WARNINGS / INSTRUCTIONS

Wash skin with soap and water to remove any incidental contamination.

IMPURITIES & TRACE MATERIALS

The formulation of this product has not been disclosed, and is held in confidence by Delphic HSE Solutions Ltd. For information concerning the formulation of this product, please refer any enquiries to the manufacturer.

EXPOSURE SCENARIO

Intended Consumer: Babies (Under 3's)
Single Exposure: 100mg | 1 time(s) per Day

100mg | 1 time(s) per Day 100mg | 28.571 mg/kg/Day

Exposure to Neat Product

Combined Exposure:

Body Site(s): Feet. Hands.

Surface Area: .025m²

Exposure Level: 0.004 mg/cm²

Exposure Time: Washed off after use

Minimum Expected Body Weight: 3.5kg

Diluted in use: No Retention Factor: 0.01

Exposure to Diluted Product: Product Not Diluted In Use

Manufacturers Instructions for Use

Ensure that the body part to be printed is clean and dry. Open the towelette remove the wipe and unfold it - the wipe is not a wet wipe and is dry. Wipe over the hand or foot to be printed. Hold the surface of the body part to be printed gently but firmly onto the glossy side of the paper and remove. A printed black image will appear and darken over a few minutes. If no image appears, reverse the papter and repeat on the other side - only one side of the paper will give the image. Wash hands and feet (or other printed parts) after use.

Information on Previous Sales / Complaints

This product has been used since 2010 with approximate sales of 439,500 units. No reported complaints have been received

Information on User Trials / Product Testing

TOXICOLOGY & REGULATORY ASSESSMENT

Product Review

This is a towel impregnated with a fluid that when in contact with paper that contains black dyes, that are colourless in the natural form and are impregnated in paper and which react with the fluid to then give a visible "Print". It's intended use is as a means of identifying newborn babies by taking a "footprint" of the sole of the foot as a unique identifier in hospital immediately after birth. There is no possibility of ingestion or inhalation and dermal contact is the only mode of contact, on the sole of the foot of the baby and the hand of the person applying the developing lotion. Once used it should be washed / cleaned off of the skin. The print of the foot on the special paper will fade with time and especially with exposure to sunlight, and copies should be made to ensure preservation of the image, although correctly stored prints are not liable to rapid degradation.

This is not a cosmetic product as there is no intention to change the appearance of the skin, and it is not a toy as the product is not used in play. The product therefore is regulated by the general product safety directive. There are no ingredients that are classified as dangerous to health and the product itself is therefore unclassified.

As with all products intended for contact with newborn babies there is a need to extra care to be taken, but providing the baby's foot is cleaned after use, there are no potential risks to health that could be considered of significance with the use of the product.

Skin Toxicity - Neat Product

Not expected to cause skin irritation following prolonged or repeated use. Exposure to this product is unlikely to result in photo-toxic effects. Unlikely to cause sensitisation following repeated skin contact. Unlikely to produce systemic toxicity following skin contact.

Eye Toxicity - Neat Product

Unlikely to occur in normal use May cause slight transient eye irritation.

Oral Toxicity - Neat Product

Unlikely to occur in normal use

All materials if swallowed in large amounts have the potential to cause injury.

If incidentally swallowed in small amounts, the formulation as supplied is unlikely to cause any adverse effects.

Not expected to produce systemic toxicity following ingestion. All materials if swallowed in large amounts have the potential to cause injury.

Inhalation Toxicity

It is unlikely that inhalation will be a route of exposure.

CONCLUSIONS & RECOMMENDATIONS -

Required Safety Labelling

Wash skin with soap and water to remove any incidental contamination.

Overall Safety & Compliance

Considered safe for use as a household product

This product complies with the requirements of the General Product Safety Directive 2001/95/EC and its subsequent amendments.



Toxicological & Regulatory Assessor

C I Betton, BSc, FSB, CBiol, FIEMA, FRSC, CEnv, EUROTOX Registered Toxicologist

5/Apr/2017

This report consists of 4 pages plus a Raw Materials, Allergens & Exposure Annex. It is only valid as the original, complete document.

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