TEST REPORT

No. **8621.SH.2004.0230.1** Date: **04.30, 2020** Page: **1 / 4**

Applicant	:	ALPHA ADVANCED TECHNOLOGIES, CO., LTD.
Address	:	G/F 631-633 RECLAMATION ST., MONGKOK, KOWLOON, HONG KONG

Below information submitted by the applicant:

Product Name	:	UBET 3D Disinfection Tablet
Model	:	/
Model may cover	:	/
Reference info.	:	/
Manufacturer info.	:	/
Supplier info.	:	/
Buyer info.	:	/
Country of Destination	:	/
Country of Origin	:	China

Sample Received	:	04.21, 2020
Test Period	:	04.21, 2020 - 04.29, 2020
Test Requirement	:	Refer to next pages
Test Method	:	Refer to next pages
Test Result	:	Refer to next pages
Test Conclusion	:	Refer to next pages

Jerry Zhao, Technical Director
Signed for and on behalf of
TUV THURINGEN SHANGHAI CO., LTD.
Shanghai

TEST RESULTS

As the applicant required, to carry the test items as below:

	Test Items	Verdict
1.	Toxicological Risk Assessment (TRA) for said product per information provided.	Refer to section IV conclusion

SAMPLE DESCRIPTION

Sample description : 1#. White tablet

TOXICOLOGICAL RISK ASSESSMENT REPORT

The formula of submitted specimen(s) is(are) reviewed.

The product is for European market and intended for writing as client claims.

This risk assessment takes account of:

Corrosivity
Skin irritation
Eye irritation
Strong sensitization
Oral toxicity
Inhalation toxicity

According to:

European Directives 67/548/EEC and 1999/45/EC as amended by Regulation (EC) No. 1272/2008

The followings were considered in this toxicological assessment

Ingredient toxicological profile
Potential ingredient interaction
Consumer exposure scenario

Section 1, formulation review

No.	Ingredient Name	CAS No./RN	EINECS	%, by weight
1.	Sodium chlorite	7758-19-2	231-836-6	2-10
2.	Citric acid	77-92-9	201-069-1	2-10
3.	Microcrystalline cellulose	9004-34-6	232-674-9	20-40
4.	Sodium sulfate	7757-82-6	231-820-9	10-30
5.	Magnesium sulfate	7487-88-9	231-298-2	10-30
6.	Sodium carbonate	497-19-8	207-838-8	15-40

Some ingredients of the product are classified as hazardous substances according to the Regulation (EC) No 1272/2008 with the MSDS data.

Substance 1. Sodium chlorite is classified as fatal in contact with skin, toxic if swallowed, severe skin burns and eye damage, toxic to aquatic life, case fire or explosion as a strong oxidizer, damage to organs.
Substance 5, Magnesium sulfate, is classified as a substance which may cause an allergic skin reaction.
Substance 6, Sodium carbonate, is classified as a substance which may cause serious eye irritation.
No other the ingredients in the formulation is classified as carcinogenic, mutagenic and toxic to reproduction (CMR) Cat. 1A, 1B or 2 under Regulation (EC) No. 1272/2008.

Section II. CONSUMER HEALTH RISK ASSESSMENT

Afore-mentioned formulation has been reviewed for safety at the basis of the following assumptions.

Exposure assessment

The following assumptions have been made for assessment of exposure:

Product category	:	UBET 3D Disinfection Tablet
Physical form	:	Solid Tablet
Intended use (suggested use)	:	Sanitization
Accessibility	:	This product will contact with the consumer directly
Exposure route(s)	:	Primarily via dermal contact
Default body weight	:	No client claims
Target population	:	No client claims

Section III. RISK EVALUATION

This product in regular use dose (diluted into water as water solution before use) is unlikely to cause damage to internal organs through skin in majority of consumers under normal and reasonably foreseeable conditions of use.
If the manufacturer's instructions are followed, the products will give users a high degree of safety.

Skin Toxicity	:	Neat Product Product as supplied is unlikely to cause skin irritation with regular dose (water solution) (diluted into water before using). Exposure to this product with high concentration solution or long time is likely to cause sensitization following repeated skin contact. Unlikely to cause damage to internal organs following skin contact with regular dose.
Eye Toxicity	:	Neat Product Product as supplied may cause eye irritation. Product should be washed off with water if it comes into contact with the eyes.
Oral Toxicity	:	Neat Product If swallowed, high concentration solution may cause slight, transient irritation to the mouth and upper digestive tract.
Inhalation Toxicity	:	It is likely that inhalation will be a route of exposure.

Section IV. CONCLUSION

Some of the ingredients of the formulation are classified as a Dangerous Mixture as per the health criteria of European Directives 67/548/EEC and 1999/45/EC as amended by Regulation (EC) No. 1272/2008.

Provided the manufacturer's instructions are followed, it is considered that, in the present state of knowledge, the submitted formulation put on the market is unlikely to pose a significant risk to the health of intended consumer under normal and reasonably foreseeable conditions of use.

Recommended Safety Labelling: **Use following correct guidance as recommended by the manufacturer.**

The TRA assessment is valid under the following conditions:

1. Potential physical, mechanical, electrical and microbiological risks of the product have not been assessed and evaluated.
2. The formulation, description and other supporting documents of the product were assumed to be valid and accurate.
3. It was assumed that either the ingredients, or the finished product contain no contaminants or residues that cause toxicity to a consumer who may be exposed. All polymers should be well-cured if they are present in the formulation.
4. The risk evaluation can solely be applied to and appropriate for, the product described above under the stated conditions. Modification of any components of the finished product, such as net weight, adjustment of ingredient concentrations, should therefore require re-evaluation.
5. Heavy metal contents in the product were not assessed and evaluated.
6. This product has been assessed for compliance only with the regulation(s) specified herein.
7. If there is an adverse reaction from using this formulation then the undersigned should be informed so that the formulation can be further reviewed.
8. This product has been evaluated for human health only, environmental concern/ ecotoxicity is not assessed in this report.
9. The assessment is performed by in-house method, taking reference of available consumer product exposure database, literature data to the best of knowledge by the time of assessment.

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European Registered Toxicologist,
Certified Toxicologist of CSOT
Certified Cosmetic Safety Assessor

******** END OF REPORT ********