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Your ref:
Our ref: 14/1192-2/MIVM/RAHE
Date: 27.05.2014

Approval of Aquabreak PX used for cleaning of installations producing drinking water offshore

We refer to your e-mail dated 24 April 2014, concerning toxicological approval of Aquabreak PX for use as cleaning agent in systems producing drinking water offshore.

General information about toxicological evaluation/approval of products in contact with potable water

The Norwegian Institute of Public Health, Division of Environmental Medicine, has the authority to approve products (coatings, additives, etc.) in contact with drinking water on installations/ships offshore (The Ministry of Labour and Government Administration; Regulations of 31st of August 2001, and The Ministry of Trade and Industry; Regulations of 4th of September 1987).

According to The Ministry of Health and Care Services; Regulations of 1st of January 2002, concerning drinking water supply and drinking water onshore, approvals of additives for use in contact with drinking water are required. Such additives are regulated by the Food Act, which is administered by the Norwegian Food Control Authority or by the local Norwegian health and food control authorities. The Norwegian Institute of Public Health, Division of Environmental Medicine, performs toxicological evaluations of such additives for the Norwegian Food Control Authority, as well as of materials which may come in contact with drinking water onshore. The Norwegian Institute of Public Health does not approve products for use in contact with drinking water onshore.

The manufacturer and/or the importer of such products are responsible for producing the products according to good manufacturing practice and for the quality of the products. The content of impurities and the migration of components directly or indirectly from such products to drinking water should be as low as technically possible. Furthermore, the migrating substances should not pose any risk to human health. Please be aware that problems with taste and smell and too high values of TOC may easily occur if proper procedures for curing and washing are not followed.

Approval of Aquabreak PX used for cleaning of installations producing drinking water offshore

The Norwegian Institute of Public Health has evaluated Aquabreak PX based on the product information provided by Wilhelmsen Chemicals AS and finds the product approved as cleaning agent for installations producing drinking water offshore.

Premises for this approval are that:

- a) the producer's recommendations for use and dosage are followed**
- b) after cleaning, the drinking water systems are thoroughly rinsed according to the producer's recommendations**
- c) the product do not come into direct or indirect contact with the drinking water**
- d) the products' components do not affect the quality of the drinking water**

It is the responsibility of the manufacturer that the product specification is in all respect the same as that evaluated by the Norwegian Institute of Public Health, and that the product does not pose any harmful or toxic effects in the potable water.

This approval is based on the product information given in the application and today's knowledge. If essential changes are made in the formulation, this approval will be annulled automatically and a new application is necessary. Also, if the basis for our evaluation/approval of health effects is changed, the approval will be revoked.

This approval is restricted to the effects on human health. It is otherwise no guarantee for the quality of the product and it should not be used in advertisements in a way that gives such an impression (Norwegian Marketing Regulation, Law 2009-01-2, §7 and 26).

A complaint about this decision should be addressed to the Ministry of Health and Care Services. Any complaint shall be given grounds for and sent via the Norwegian Institute of Public Health within three weeks.

Charge of payment will be claimed according to Norwegian Occupational Environmental Laws §18 for products used on ships and offshore. Charge of payment will be claimed according to The Ministry of Health and Care Services for products used onshore.

Yours sincerely,



Hubert Dirven
Department Director



Ragna Bogen Hetland
Senior Scientist