

K375



Energy
Management



Radiant
Systems

PROTECT-UNIVERSAL Universal filming protector

Datasheet
0964EN ↻ 03/2019



➤ Description

PROTECT-UNIVERSAL is a special and fully-organic rust and scale inhibitor, suitable for high and low temperature systems, radiant panels and combined hot/cold circuits. It prevents precipitation of calcium carbonate and is an excellent dispersing agent with low-solubility salts such as sulphates, calcium oxalates and magnesium hydroxide. In addition to specific inhibitors for iron, aluminum and copper surfaces, it also contains an effective sanitizing agent. Eliminates heat and gaseous stresses caused by coupling different metals, thus performing also an anti-noise function. Prevents uncontrolled diffusion of algae, dirt and bacteria. The product is thermostable, biodegradable, nontoxic and does not affect drains.

➤ Use

Mix 1% PROTECT-UNIVERSAL (1 l every 100 l) with the water circulating in the system. The product can be pumped in manually.

➤ Versions and product codes

PRODUCT CODE	CAPACITY [l]
K375Y021	1

➤ Physical properties

Mixture of corrosion, scaling inhibitors and preserver.

- Color: violaceous blue
- pH (conc.): approx. 9
- Specific weight: approx. 1.10 kg/l

Warning

Giacomini S.p.A. cannot be held responsible for improper use of the product. Do not use the product in water containing chemical conditioning elements of various origins. Keep the product in a suitable environment, away from intense heat or cold. Use polyethylene containers when pouring. Avoid direct contact with strong acids or oxidizing substances. Keep away from children and animals. Keep away from food and chemical substances in general. Always close the containers after use.

Label description

Hazard label in compliance with Rules (CE) 1272/2008 (CLP) and subsequent amendments and corrections.



WARNINGS: ATTENTION

HAZARD STATEMENTS

H315 Causes skin irritation.

H317 May cause skin allergic reactions.

H319 Causes serious eye irritation.

SAFETY STATEMENTS

P101 If medical advice is required, keep product bottle or label at hand.

P102 Keep out of children's reach.

P280 Use protective gloves. Protect eyes and face.

P305+P351+P338 IN CASE OF EYE CONTACT: Rinse thoroughly for several minutes. Remove contact lenses if possible. Keep rinsing.

P363 Wash contaminated clothes before wearing them again.

P333+P313 IN CASE OF SKIN REACTIONS OR RASHES: Seek medical advice.

P501 Dispose of product/container according to national/local regulations.

EUH 208 CONTAINS: MIXTURE OF: 5-CHLORINE-2-METHYL-2H-ISOTHAZOL-3-ONE

[EC NO. 247-500-7]; 2-METHYL-2H-ISOTHAZOL-3-ONE [EC NO. 220-239-6] (3:1) May cause allergic reactions.

⚠ Safety Warning. Installation, commissioning and periodical maintenance of the product must be carried out by qualified operators in compliance with national regulations and/or local standards. A qualified installer must take all required measures, including use of Individual Protection Devices, for his and others' safety. An improper installation may damage people, animals or objects towards which Giacomini S.p.A. may not be held liable.

i Additional information. For more information, go to giacomini.com or contact our technical assistance service. This document provides only general indications. Giacomini S.p.A. may change at any time, without notice and for technical or commercial reasons, the items included herewith. The information included in this technical sheet do not exempt the user from strictly complying with the rules and good practice standards in force.