

MATERIAL SAFETY DATA SHEET

According to Regulation (EC) NO.: 1907/2006 Annex II

ProGARDO VCI+ PE



1. PRODUCT AND COMPANY IDENTIFICATION

- **Product identifier**
Product name: ProGARDO VCI+ PE
Product description: VCI emitter PE film
- **Relevant identified uses of the substance or mixture and uses advised against**
Industrial use, consumer use
- **Details of the supplier of the safety data sheet**
Company name ALFA Solution AS
Address Østerskogen 60, 4879 Grimstad, Norway
Tel + 47 37 09 19 20
Fax + 47 37 09 19 28
E-mail post@alfasolution.no
- **Emergency telephone numbers**
+47 22 59 13 00 (Toxic information)
+47 37 09 19 20 (Company Info Desk)

2. HAZARDS IDENTIFICATION

- **Classification of the substance or mixture**
The product is not classified as hazardous according to Directive 67/548/EEC (DSD), Directive 1999/45/EC (DPD) and Regulation (EC) No 1272/2008 (CLP).
- **Labelling**
The product does not need to be labelled according to Directive 67/548/EEC (DSD), Directive 1999/45/EC (DPD) and Regulation (EC) No 1272/2008 (CLP).
- **Other hazards**
Result of PBT and vPvB assessment: Not available.
- **Additional information**
Please look over section 11 for toxicological information.

3. COMPOSITION/INFORMATION ON INGREDIENTS

- **Substances**

Name	EC No.	CAS No.	%	Classification
Polyethylene	-	9002-88-4	95-100	Not classified
Cyclohexylamine benzonate	221-516-4	3129-92-8	<1	Not classified
Morpholine benzonate	247-413-4	26021-56-7	<1	Not classified
Potassium sorbate	246-376-1	24634-61-5	<1	Not classified
Benzotriazole	202-394-1	95-14-7	<0.1	Not classified

4. FIRST AID MEASURES

MATERIAL SAFETY DATA SHEET

According to Regulation (EC) N0.: 1907/2006 Annex II

ProGARDO VCI+ PE



- **Eye contact**
Not likely to occur
- **Skin contact**
Not likely to occur, not irritant to skin
- **Ingestion**
Not likely to occur
- **Inhalation**
Not relevant. Unlikely route of exposure as the product does not contain volatile substances.
- **Most important symptoms and effects both acute and delayed**
No further relevant information available.

5. FIRE FIGHTING MEASURES

- **Extinguishing media**
Suitable : Sprayed water, alcohol resistant foam, CO₂, powder.
Unsuitable : Water jet
- **Special protection equipment**
Wear self-contained breathing apparatus and full protective clothing in case of fire.
- **Hazardous decomposition/combustion products**
Development of hazardous combustion gases or fumes is possible in the event of fire.

6. ACCIDENTAL RELEASE MEASURES

- **Personal precautions**
Not required
- **Environmental protection measures**
No environmental hazards likely
- **Methods for clean up**
Not relevant
- **Additional information**
Review safety handling information in Section 7, personal protection measures in Section 8 and disposal measures in Section 13.

7. HANDLING AND STORAGE

- **Handling**
Used under normal conditions this product is not considered to develop dangerous gases or chemicals.

MATERIAL SAFETY DATA SHEET

According to Regulation (EC) N0.: 1907/2006 Annex II

ProGARDO VCI+ PE



- **Storage requirements**
No special requirement
- **Specific end uses**
No further relevant information available.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

- **Engineering controls**
No engineering controls or PPE are required. This product used under normal conditions are not considered to develop dangerous chemicals.
- **Personal protective equipment**
Not required under normal conditions.
- **Eye/Face protection:**
Not required under normal conditions.
- **Hand protection:**
Not required under normal conditions.
- **Body protection:**
Not required under normal conditions.
- **Respiratory protection:**
No respiratory protection needed under normal industrial operating conditions.
- **Hygiene measures**
Handle in accordance with good industrial hygiene and safety practice.
- **Environmental exposure controls**
Should not be released into the environment. Prevent product from entering drains.

9. PHYSICAL AND CHEMICAL PROPERTIES

- **General information**

Appearance	Solid
Color	Blue
Odor	Characteristic
Density (g/cm ³)	No data available
Melting Point (°C)	No data available
Solubility (20°C)	Not soluble
Viscosity (20°C) cPs	Not applicable
Flash Point (°C)	No data available
Flammability	No data available

MATERIAL SAFETY DATA SHEET

According to Regulation (EC) N0.: 1907/2006 Annex II

ProGARDO VCI+ PE



10. STABILITY AND REACTIVITY

- **Stability:**
Stable under normal conditions of use and storage.
- **Conditions to avoid:**
Keep away from heat
- **Incompatible materials:**
Keep away from: Oxidizing agents
- **Hazardous decomposition products:**
Hazardous decomposition products are formed under fire conditions.

11. TOXICOLOGICAL INFORMATION

- **Symptoms/Effects of Overexposure:**
Eyes: Not likely
Skin: Not irritant for skin.
Ingestion: Not likely
Inhalation: Not applicable.
- **Corrosivity & Irritation:**
The product is slightly irritant in contact with eyes.
- **Carcinogenicity data:**
None of the components of this product is listed as a carcinogen by IARC, NTP, US OSHA.
- **Other toxicity effects**
Sensitization : No data available.
Mutagenicity : No data available.
Reproductive effects : No data available.

12. ECOLOGICAL INFORMATION

- **Ecotoxicity:**
Not classified hazardous for the environment.
- **Persistence/Degradability**
No data available.
- **Bioaccumulation/Accumulation**
No data available.
- **Mobility in environment**
No data available.

13. DISPOSAL CONSIDERATIONS

- **Disposal instructions:**
Disposal recommendations are based on material as supplied. Disposal must be in accordance with current applicable laws and regulations, and material characteristics at

MATERIAL SAFETY DATA SHEET

According to Regulation (EC) N0.: 1907/2006 Annex II

ProGARDO VCI+ PE



time of disposal. Recover and reclaim or recycle, if practical.

- **Waste from residues / unused products**

Dispose of waste and residues in accordance with local authority requirements.

- **Contaminated packaging**

Since emptied containers may retain product residue, follow label warnings even after container is emptied.

14. TRANSPORT INFORMATION

- **Transport information**

The product is classified not hazardous for transport according UN ADR, IMDG, IATA lists.

	ADR/RID	ADNR	IMDG	ICAO/IATA
TRANSPORT NAME	NOT CLASSIFIED	NOT CLASSIFIED	NOT CLASSIFIED	NOT CLASSIFIED
UN/ID No.				
HAZARD CLASS				
PACKING GROUP				

15. REGULATORY INFORMATION

- **Classification and labeling**

Product is classified and labeled according to the Directive 67/548/EEC (DSD), Directive 1999/45/EC (DPD) and Regulation (EC) No 1272/2008 (CLP).

16. OTHER INFORMATION

- **Date Prepared** : 01.04.2015

- **Revision No** : 2

- **Revision Date** : 15.09.2015

- **Additional Information**

In need of medical advice you can call 113 medical support number of National Emergency Assistance.

The key sources used to prepare this safety data sheet are as below;

- The SDSs of the ingredient
- UN ADR, IMDG, IATA lists,
- ECHA and related EU directives, IUCLID (International Uniform Chemical Information Database), HSDB (Hazardous Substances Data Bank)

MATERIAL SAFETY DATA SHEET

According to Regulation (EC) N0.: 1907/2006 Annex II

ProGARDO VCI+ PE



- **Further Information**

The information contained within this Safety Data Sheet is believed to be accurate and have been compiled from sources believed to be reliable. It is offered for consideration, investigation and verification. It is the user's responsibility to follow the guidelines as outlined within this SDS. The user assumes all risk of use, storage and handling in compliance with applicable laws and regulations. ALFA Solution AS makes no warrant of any kind, express or implied, concerning the accuracy or completeness of the information and data within this SDS. ALFA Solution AS will not be liable for claims relating to any parties use of or reliance on information and data contained herein regardless of whether it is claimed that the information and data are accurate, inaccurate, incomplete or otherwise misleading. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist. The user should always follow the most current SDS available.