

# SAFETY DATA SHEET

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AstaReal A1010  
Version 09/ January 2018

1. IDENTIFICATION OF THE SUBSTANCE AND COMPANY		
Product Name:	AstaReal A1010	Recommended use: As ingredient in food supplement.
Manufacturer's contact information:		
AstaReal AB	Telephone:	+46 (0)8 570 139 50
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SE-131 53 Nacka	e-mail:	info@astareal.se
Sweden		
2. HAZARDS IDENTIFICATION		
This product has been manufactured in accordance with Regulation (EC) No. 178/2002 for use in food/food supplement.		
Not expected to be a health hazard. Avoid raising dust above airborne exposure limits.		
As part of good industrial and personal hygiene and safety procedure, avoid all unnecessary exposure to the product.		
3. COMPOSITION/INFORMATION ON INGREDIENTS		
		% by weight
Main component:	Homogenized and dehydrated aplanospores of <i>Haematococcus pluvialis</i> (green algae).	92-95
Other components (processing additives):	Silicon dioxide (E 551), CAS# 112 945-52-5	≤2
	Lecithin (E 322), CAS# 8057-53-2	≤3
	Ascorbyl palmitate (E 304), CAS# 137-66-6	≤0.3
	D-alpha-tocopherol (natural vitamin E, E 306)	≤0.6
4. FIRST AID MEASURES		
Inhalation:	Remove to fresh air. Get medical attention for any breathing difficulty.	
Skin contact:	Not normally harmful to skin. May cause skin discoloration. Wash off with plenty of soap and water.	
Eye contact:	Check for and remove any contact lenses. Flush the eye with plenty of water to remove deposits. Get medical attention if discomfort persists.	
5. FIRE FIGHTING MEASURES		
Protection against fire:	No special requirements.	
Fire extinguishing media:	Water, foam, halones.	
6. ACCIDENTAL RELEASE MEASURES		
Personal precaution:	Avoid raising dust. Take up spills by mechanical means. Use protective clothing to avoid skin discoloration. Wash contaminated clothing.	
Environmental considerations:	No special requirements.	
7. HANDLING AND STORAGE		
Handling:	Avoid dust formation. Maintain good conditions of industrial hygiene.	
Storage:	Store in the unopened original bag in a cold and dry place protected from light.	
8. EXPOSURE CONTROLS/PERSONAL PROTECTION		
Workplace:	Maintain good conditions of industrial hygiene.	
Respiratory protection:	If user operations generate dust, use an approved/certified dust respirator or equivalent.	
Hand protection:	Gloves recommended.	
Eye protection:	Protective glasses or eye shield recommended.	

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<b>9. PHYSICAL AND CHEMICAL PROPERTIES</b>	
Appearance:	Red fine powder.
Odour:	Fresh algal smell.
Colour:	Dark red/brown.
Solubility:	Partly soluble in oils.
pH value:	Neutral.
<b>10. STABILITY AND REACTIVITY</b>	
Storage:	Stable when kept in its original vacuum package in a cold place.
Incompatibilities:	Oxidizing agents.
Flash point:	Ignites with difficulty (at approx. 350 Celsius).
Hazardous decomposition products:	No special. Decomposition generates carbon oxides.
<b>11. TOXICOLOGICAL INFORMATION</b>	
Toxicity to animals:	Acute oral toxicity (LD50): >12 g/kg (Rat)
Inhalation of dust may cause respiratory tract irritation and discomfort.	
<b>12. ECOLOGICAL INFORMATION</b>	
Product is readily biodegradable.	
<b>13. DISPOSAL CONSIDERATIONS</b>	
No special disposal method required except that it be in accordance with local authority regulations.	
<b>14. TRANSPORT INFORMATION</b>	
Not regulated. Avoid damage to packaging.	
<b>15. REGULATORY REQUIREMENTS</b>	
This product is not classified according to the Regulation (EC) No. 1272/2008.	
In addition, refer to any other national measures that may be relevant.	
<b>16. FURTHER INFORMATION</b>	
The format of this Safety Data Sheet follows guidelines specified in Regulation (EC) No. 1907/2006.	
The information in this sheet does not represent analytical specifications, for which refer to our technical data sheet.	

SDS first issued: June 2007  
AstaReal AB

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