



# Alphacolor® Biggie Cakes - 12 pack ASST

## Safety Data Sheet

\*\*\* DRAFT \*\*\*

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

### SECTION 1: Identification of the substance/mixture and of the company/undertaking

#### 1.1. Product identifier

Product form : Mixture  
Product name : Alphacolor® Biggie Cakes - 12 pack ASST  
Product code : 425009; 409011; 409037; 409474; 409656; 409870; 409896

#### 1.2. Relevant identified uses of the substance or mixture and uses advised against

##### 1.2.1. Relevant identified uses

No additional information available

##### 1.2.2. Uses advised against

No additional information available

#### 1.3. Details of the supplier of the safety data sheet

ACCO Brands  
Four Corporate Drive  
Lake Zurich, IL  
60047

Phone: 800-222-6462

#### 1.4. Emergency telephone number

Emergency number : Rocky Mountain Poison + Drug center Phone number are (877)740-5015 (US Toll Free) and (303) 739-1110 (Outside US)

Country	Organisation/Company	Address	Emergency number	Comment
Ireland	National Poisons Information Centre Beaumont Hospital	Beaumont Hospital Beaumont Road 9 Dublin	: +353 1 8379964	
United Kingdom	National Poisons Information Service (NHS Direct)	<a href="http://www.npis.org">http://www.npis.org</a>	111 (England & Wales only) or 112 (EU) or 08454 24 24 24 (Scotland)	

### SECTION 2: Hazards identification

#### 2.1. Classification of the substance or mixture

##### Classification according to Regulation (EC) No. 1272/2008 [CLP]

Not classified

##### Adverse physicochemical, human health and environmental effects

No additional information available

#### 2.2. Label elements

##### Labelling according to Regulation (EC) No. 1272/2008 [CLP]

No labelling applicable

#### 2.3. Other hazards

No additional information available

### SECTION 3: Composition/information on ingredients

#### 3.1. Substances

Not applicable

#### 3.2. Mixtures

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
kaolin substance with national workplace exposure limit(s) (BE, BG, DK, ES, FI, FR, GB, IE, PT)	(CAS-No.) 1332-58-7. (EC-No.) 310-194-1	15 - 50	Not classified

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Chalk substance with national workplace exposure limit(s) (BE, BG, FR, GB, HU, IE)	(CAS-No.) 1317-65-3 (EC-No.) 215-279-6	5 - 50	Not classified
Titanium(IV) oxide substance with a Community workplace exposure limit substance with national workplace exposure limit(s) (AT, BE, BG, DE, DK, ES, FR, GB, GR, IE, LT, LV, PT, SE, SK)	(CAS-No.) 13463-67-7 (EC-No.) 236-675-5 (REACH-no) 01-2119489379-17-XXXX	1 - 15	Not classified
glycerol substance with national workplace exposure limit(s) (BE, CZ, ES, FI, FR, GB, GR, IE, PL, SK)	(CAS-No.) 56-81-5 (EC-No.) 200-289-5 (REACH-no) 01-2119471987-18-XXXX	1 - 15	Not classified
C.I. Pigment Blue 15.3 substance with national workplace exposure limit(s) (LT, LV)	(CAS-No.) 147-14-8 (EC-No.) 205-685-1 (REACH-no) 01-2119458771-32-XXXX	1 - 15	Not classified

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

- First-aid measures after inhalation : Remove person to fresh air and keep comfortable for breathing.  
First-aid measures after skin contact : Wash skin with plenty of water.  
First-aid measures after eye contact : Rinse eyes with water as a precaution.  
First-aid measures after ingestion : Call a poison center or a doctor if you feel unwell.

### 4.2. Most important symptoms and effects, both acute and delayed

- Symptoms/effects : Not expected to present a significant hazard under anticipated conditions of normal use.

### 4.3. Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

- Suitable extinguishing media : Use extinguishing media appropriate for surrounding fire.

### 5.2. Special hazards arising from the substance or mixture

- Hazardous decomposition products in case of fire : Toxic fumes may be released.

### 5.3. Advice for firefighters

- Protection during firefighting : Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.

## SECTION 6: Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

- General measures : Avoid contact with skin and eyes.

#### 6.1.1. For non-emergency personnel

- Emergency procedures : Ventilate spillage area.

#### 6.1.2. For emergency responders

- Protective equipment : Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection".

### 6.2. Environmental precautions

Avoid release to the environment.

### 6.3. Methods and material for containment and cleaning up

- Methods for cleaning up : Mechanically recover the product.  
Other information : Dispose of materials or solid residues at an authorized site.

### 6.4. Reference to other sections

For further information refer to section 13.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

- Precautions for safe handling : Ensure good ventilation of the work station. Wear personal protective equipment.  
Hygiene measures : Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

### 7.2. Conditions for safe storage, including any incompatibilities

- Storage conditions : Store in a well-ventilated place. Keep cool.

### 7.3. Specific end use(s)

No additional information available

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### SECTION 8: Exposure controls/personal protection

#### 8.1. Control parameters

<b>kaolin (1332-58-7.)</b>		
Belgium	Local name	Kaolin (fraction alvéolaire) # Kaolin (fraction alvéolaire)
Belgium	Limit value (mg/m <sup>3</sup> )	2 mg/m <sup>3</sup>
Bulgaria	Local name	Каолин, съдържащ под 2 % свободен кристален силициев диоксид в респирабилната фракция
Bulgaria	OEL TWA (mg/m <sup>3</sup> )	3 mg/m <sup>3</sup> Респирабилна фракция 6 mg/m <sup>3</sup> Инхалабилна фракция
Croatia	Local name	Kaolin
Croatia	GVI (granična vrijednost izloženosti) (mg/m <sup>3</sup> )	2 mg/m <sup>3</sup> R (respirabilna prašina)
Denmark	Local name	Kaolin
Denmark	Grænseværdie (langvarig) (mg/m <sup>3</sup> )	2 mg/m <sup>3</sup> respirabel
Finland	Local name	Kaoliini
Finland	HTP-arvo (8h) (mg/m <sup>3</sup> )	2 mg/m <sup>3</sup>
Finland	Huomautus (FI)	alveolijae
France	VME (mg/m <sup>3</sup> )	10 mg/m <sup>3</sup> (Kaolin; France; Time-weighted average exposure limit 8 h; VL: Valeur non réglementaire indicative)
Ireland	Local name	Kaolin, respirable dust
Ireland	OEL (8 hours ref) (mg/m <sup>3</sup> )	2 mg/m <sup>3</sup>
Portugal	Local name	Caulino
Portugal	OEL TWA (mg/m <sup>3</sup> )	2 mg/m <sup>3</sup> E (O valor aplica-se a partículas sem amianto e contendo menos de 1 % de sílica cristalina), R (Fração respirável)
Spain	Local name	Caolín
Spain	VLA-ED (mg/m <sup>3</sup> )	2 mg/m <sup>3</sup> Fracción respirable
Spain	Notes	d (Véase UNE EN 481: Atmósferas en los puestos de trabajo. Definición de las fracciones por el tamaño de las partículas para la medición de aerosoles), e (Este valor es para la materia particulada que no contenga amianto y menos de un 1% de sílice cristalina).
United Kingdom	Local name	Kaolin
United Kingdom	WEL TWA (mg/m <sup>3</sup> )	2 mg/m <sup>3</sup> respirable dust
Iceland	Local name	Kaolín, örfint ryk
Iceland	OEL (8 hours ref) (mg/m <sup>3</sup> )	2 mg/m <sup>3</sup>
Switzerland	Local name	Kaolin
Switzerland	MAK (mg/m <sup>3</sup> )	3 mg/m <sup>3</sup>
Switzerland	Remark (CH)	a(mg/m <sup>3</sup> ) - Lungenfib <sup>KT</sup> - bei evtl. Gehalt an Quarz ist die entsprechende MAK zu berücksichtigen
Australia	Local name	Kaolin
Australia	TWA (mg/m <sup>3</sup> )	10 mg/m <sup>3</sup>
Australia	Remark (AU)	(a) This value is for inhalable dust containing no asbestos and < 1% crystalline silica.
USA - ACGIH	Local name	Kaolin
USA - ACGIH	ACGIH TWA (mg/m <sup>3</sup> )	2 mg/m <sup>3</sup>
USA - ACGIH	Remark (ACGIH)	Pneumoconiosis
<b>Chalk (1317-65-3)</b>		
Belgium	Local name	Calcium (carbonate de) # Calciumcarbonaat
Belgium	Limit value (mg/m <sup>3</sup> )	10 mg/m <sup>3</sup>
Bulgaria	Local name	Калциев карбонат
Bulgaria	OEL TWA (mg/m <sup>3</sup> )	10 mg/m <sup>3</sup> 10 mg/m <sup>3</sup> Инхалабилна фракция
Bulgaria	OEL TWA (ppm)	1 ppm Влакна - респирабилна фракция
Croatia	Local name	Limeston (sedimentna stijena)
Croatia	GVI (granična vrijednost izloženosti) (mg/m <sup>3</sup> )	10 mg/m <sup>3</sup> U (ukupna prašina) 4 mg/m <sup>3</sup> R (respirabilna prašina)
Estonia	Local name	Kaltsiumkarbonaat peentolm
Estonia	OEL TWA (mg/m <sup>3</sup> )	105 mg/m <sup>3</sup>

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<b>Chalk (1317-65-3)</b>		
France	VME (mg/m <sup>3</sup> )	10 mg/m <sup>3</sup> (Calcium (carbonate de); France; Time-weighted average exposure limit 8 h; VL: Valeur non réglementaire indicative)
Hungary	Local name	KALCIUM-KARBONÁT
Hungary	AK-érték	10 mg/m <sup>3</sup>
Ireland	Local name	Calcium carbonate
Ireland	OEL (8 hours ref) (mg/m <sup>3</sup> )	10 mg/m <sup>3</sup> total inhalable dust 4 mg/m <sup>3</sup> respirable dust
United Kingdom	Local name	Calcium carbonate
United Kingdom	WEL TWA (mg/m <sup>3</sup> )	10 mg/m <sup>3</sup> Calcium carbonate inhalable dust; United Kingdom; Time-weighted average exposure limit 8 h; Workplace exposure limit (EH40/2005); Calcium carbonate respirable dust; 4 mg/m <sup>3</sup> ; United Kingdom; Time-weighted average exposure limit 8 h; Workplace exposure limit (EH40/2005)
<b>Titanium(IV) oxide (13463-67-7)</b>		
EU	Local name	Titanium dioxide
EU	Notes	SCOEL Recommendations (Ongoing)
Austria	Local name	Titandioxid (Alveolarstaub)
Austria	MAK (mg/m <sup>3</sup> )	5 mg/m <sup>3</sup>
Austria	MAK Short time value (mg/m <sup>3</sup> )	10 mg/m <sup>3</sup>
Belgium	Local name	Titane (dioxyde de) # Titaandioxide
Belgium	Limit value (mg/m <sup>3</sup> )	10 mg/m <sup>3</sup>
Bulgaria	Local name	Титанов диоксид
Bulgaria	OEL TWA (mg/m <sup>3</sup> )	10 mg/m <sup>3</sup> респирабилен прах
Croatia	Local name	Titanov dioksid
Croatia	GVI (granična vrijednost izloženosti) (mg/m <sup>3</sup> )	10 mg/m <sup>3</sup> U (ukupna prašina) 4 mg/m <sup>3</sup> R (respirabilna prašina)
Denmark	Local name	Titandioxid
Denmark	Grænseværdie (langvarig) (mg/m <sup>3</sup> )	6 mg/m <sup>3</sup> beregnet som Ti
Estonia	Local name	Titaanoksiid
Estonia	OEL TWA (mg/m <sup>3</sup> )	5 mg/m <sup>3</sup>
France	Local name	Titane (dioxyde de), en Ti
France	VME (mg/m <sup>3</sup> )	10 mg/m <sup>3</sup>
France	Note (FR)	Valeurs recommandées/admises
Germany	Local name	Titandioxid
Germany	TRGS 900 Occupational exposure limit value (mg/m <sup>3</sup> )	1,25 mg/m <sup>3</sup> A (mg/m <sup>3</sup> ) 10 mg/m <sup>3</sup> E (mg/m <sup>3</sup> )
Germany	Remark (TRGS 900)	AGS,DFG
Greece	OEL TWA (mg/m <sup>3</sup> )	10 mg/m <sup>3</sup>
Ireland	Local name	Titanium dioxide
Ireland	OEL (8 hours ref) (mg/m <sup>3</sup> )	10 mg/m <sup>3</sup> total inhalable dust 4 mg/m <sup>3</sup> respirable dust
Latvia	Local name	Titānadioksīds
Latvia	OEL TWA (mg/m <sup>3</sup> )	10 mg/m <sup>3</sup>
Lithuania	Local name	Titano dioksidas
Lithuania	IPRV (mg/m <sup>3</sup> )	5 mg/m <sup>3</sup>
Portugal	Local name	Dióxido de titânio
Portugal	OEL TWA (mg/m <sup>3</sup> )	10 mg/m <sup>3</sup>
Slovakia	Local name	Oxid titaničitý
Slovakia	NPHV (priemerná) (mg/m <sup>3</sup> )	5 mg/m <sup>3</sup>
Spain	Local name	Dióxido de titanio
Spain	VLA-ED (mg/m <sup>3</sup> )	10 mg/m <sup>3</sup>
Sweden	Local name	Titandioxid
Sweden	nivågränsvärde (NVG) (mg/m <sup>3</sup> )	5 mg/m <sup>3</sup> totaldamm

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<b>Titanium(IV) oxide (13463-67-7)</b>		
Sweden	Anmärkning (SE)	2 (Med totaldamm menas de partiklar (aerosoler) som fastnar på ett filter i den provtagare som beskrivs i Metodserien, Provtagning av totaldamm och respirabelt damm, Metod nr 1010, Arbetskyddsstyrelsen, numera Arbetsmiljöverket. Filterdiametern är normalt 37 mm, men kan även vara 25 mm. Trots sitt namn provtas inte den totala mängden luftburna partiklar med denna metod)
United Kingdom	Local name	Titanium dioxide
United Kingdom	WEL TWA (mg/m <sup>3</sup> )	4 mg/m <sup>3</sup> respirable 10 mg/m <sup>3</sup> total inhalable
Iceland	Local name	Títandíoxíð, sem Ti
Iceland	OEL (8 hours ref) (mg/m <sup>3</sup> )	6 mg/m <sup>3</sup>
Norway	Local name	Titandioksid
Norway	Grenseverdier (AN) (mg/m <sup>3</sup> )	5 mg/m <sup>3</sup>
Switzerland	Local name	Titandioxid
Switzerland	MAK (mg/m <sup>3</sup> )	3 mg/m <sup>3</sup>
Switzerland	Remark (CH)	a(mg/m <sup>3</sup> ) - SS <sub>c</sub> - UAW - NIOSH, s. 1.8.2
Australia	Local name	Titanium dioxide
Australia	TWA (mg/m <sup>3</sup> )	10 mg/m <sup>3</sup>
Australia	Remark (AU)	(a) This value is for inhalable dust containing no asbestos and < 1% crystalline silica.
USA - ACGIH	Local name	Titanium dioxide
USA - ACGIH	ACGIH TWA (mg/m <sup>3</sup> )	1 mg/m <sup>3</sup>
USA - ACGIH	Remark (ACGIH)	LRT irr; A3 (Confirmed Animal Carcinogen with Unknown Relevance to Humans: The agent is carcinogenic in experimental animals at a relatively high dose, by route(s) of administration, at site(s), of histologic type(s), or by mechanism(s) that may not be relevant to worker exposure. Available epidemiologic studies do not confirm an increased risk of cancer in exposed humans. Available evidence does not suggest that the agent is likely to cause cancer in humans except under uncommon or unlikely routes or levels of exposure)
USA - OSHA	Local name	Titanium dioxide (Total dust)
USA - OSHA	OSHA PEL (TWA) (mg/m <sup>3</sup> )	15 mg/m <sup>3</sup>
<b>glycerol (56-81-5)</b>		
Belgium	Local name	Glycérine (brouillard) # Glycerine (nevel)
Belgium	Limit value (mg/m <sup>3</sup> )	10 mg/m <sup>3</sup>
Croatia	Local name	Glicerol
Croatia	GVI (granična vrijednost izloženosti) (mg/m <sup>3</sup> )	10 mg/m <sup>3</sup>
Czech Republic	Local name	Glycerol, mlha
Czech Republic	Expoziční limity (PEL) (mg/m <sup>3</sup> )	10 mg/m <sup>3</sup>
Czech Republic	Expoziční limity (PEL) (ppm)	2,4 ppm
Czech Republic	Expoziční limity (NPK-P) (mg/m <sup>3</sup> )	15 mg/m <sup>3</sup>
Czech Republic	Expoziční limity (NPK-P) (ppm)	3,7 ppm
Estonia	Local name	Glütseriin (glütserool, 1,2,3-propaantriool)
Estonia	OEL TWA (mg/m <sup>3</sup> )	10 mg/m <sup>3</sup>
Finland	Local name	Glyseroli
Finland	HTP-arvo (8h) (mg/m <sup>3</sup> )	20 mg/m <sup>3</sup>
France	Local name	Glycérine
France	VME (mg/m <sup>3</sup> )	10 mg/m <sup>3</sup> (aérosols)
France	Note (FR)	Valeurs recommandées/admises
Greece	OEL TWA (mg/m <sup>3</sup> )	10 mg/m <sup>3</sup>
Ireland	Local name	Glycerol, mist
Ireland	OEL (8 hours ref) (mg/m <sup>3</sup> )	10 mg/m <sup>3</sup>
Poland	Local name	Glicerol aerozole

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glycerol (56-81-5)		
Poland	NDS (mg/m <sup>3</sup> )	10 mg/m <sup>3</sup>
Slovakia	Local name	Glycerín
Slovakia	NPHV (priemerná) (mg/m <sup>3</sup> )	10 mg/m <sup>3</sup>
Spain	Local name	Glicerina
Spain	VLA-ED (mg/m <sup>3</sup> )	10 mg/m <sup>3</sup> nieblas
United Kingdom	Local name	Glycerol
United Kingdom	WEL TWA (mg/m <sup>3</sup> )	10 mg/m <sup>3</sup> mist
Switzerland	Local name	Glycerin
Switzerland	MAK (mg/m <sup>3</sup> )	50 mg/m <sup>3</sup>
Switzerland	KZGW (mg/m <sup>3</sup> )	100 mg/m <sup>3</sup>
Switzerland	Remark (CH)	e(mg/m <sup>3</sup> ) - SS <sub>C</sub> - OAW <sup>KT AN</sup>
Australia	Local name	Glycerin mist
Australia	TWA (mg/m <sup>3</sup> )	10 mg/m <sup>3</sup>
Australia	Remark (AU)	(a) This value is for inhalable dust containing no asbestos and < 1% crystalline silica.
USA - ACGIH	Local name	Glycerin mist
USA - ACGIH	Remark (ACGIH)	URT irr
C.I. Pigment Blue 15.3 (147-14-8)		
Latvia	Local name	Varaftalocianīns
Latvia	OEL TWA (mg/m <sup>3</sup> )	5 mg/m <sup>3</sup>
Lithuania	Local name	Vario ftalocianinas
Lithuania	IPRV (mg/m <sup>3</sup> )	5 mg/m <sup>3</sup>

### 8.2. Exposure controls

#### Appropriate engineering controls:

Ensure good ventilation of the work station.

#### Personal protective equipment:

Avoid all unnecessary exposure.

#### Hand protection:

In case of repeated or prolonged contact wear gloves

#### Eye protection:

Where eye contact may occur from use, Wear eye protection

#### Skin and body protection:

Wear suitable protective clothing

#### Respiratory protection:

Where exposure through inhalation may occur from use, respiratory protection equipment is recommended

#### Environmental exposure controls:

Avoid release to the environment.

## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

Physical state	: Solid
Colour	: No data available
Odour	: No data available
Odour threshold	: No data available
pH	: No data available
Relative evaporation rate (butylacetate=1)	: No data available
Melting point	: No data available
Freezing point	: Not applicable
Boiling point	: No data available
Flash point	: Not applicable

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Auto-ignition temperature	: Not applicable
Decomposition temperature	: No data available
Flammability (solid, gas)	: Non flammable.
Vapour pressure	: No data available
Relative vapour density at 20 °C	: No data available
Relative density	: Not applicable
Solubility	: No data available
Log Pow	: No data available
Viscosity, kinematic	: Not applicable
Viscosity, dynamic	: No data available
Explosive properties	: No data available
Oxidising properties	: No data available
Explosive limits	: Not applicable

### 9.2. Other information

No additional information available

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

The product is non-reactive under normal conditions of use, storage and transport.

### 10.2. Chemical stability

Stable under normal conditions.

### 10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

### 10.4. Conditions to avoid

None under recommended storage and handling conditions (see section 7).

### 10.5. Incompatible materials

No additional information available

### 10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

Acute toxicity (oral)	: Not classified
Acute toxicity (dermal)	: Not classified
Acute toxicity (inhalation)	: Not classified

#### Chalk (1317-65-3)

LD50 oral rat	6450 mg/kg (Rat; Literature study)
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#### Titanium(IV) oxide (13463-67-7)

LD50 oral rat	> 10000 mg/kg (Rat; OECD 425: Acute Oral Toxicity: Up-and-Down Procedure; Experimental value; > 5000 mg/kg bodyweight; Rat; Experimental value)
LD50 dermal rabbit	> 10000 mg/kg (Rabbit; Literature study)
LC50 inhalation rat (mg/l)	> 6,8 mg/l/4h (Rat; Experimental value)

#### glycerol (56-81-5)

LD50 oral rat	27200 mg/kg (Rat; Experimental value)
LC50 inhalation rat (mg/l)	> 2,75 mg/l/4h (Rat; Experimental value)

#### C.I. Pigment Blue 15.3 (147-14-8)

LD50 oral rat	> 5000 mg/kg
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Skin corrosion/irritation	: Not classified
Serious eye damage/irritation	: Not classified
Respiratory or skin sensitisation	: Not classified
Germ cell mutagenicity	: Not classified
Carcinogenicity	: Not classified
Reproductive toxicity	: Not classified

STOT-single exposure	: Not classified
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STOT-repeated exposure : Not classified

Aspiration hazard : Not classified

### SECTION 12: Ecological information

#### 12.1. Toxicity

Ecology - general : The product is not considered harmful to aquatic organisms nor to cause long-term adverse effects in the environment.

Acute aquatic toxicity : Not classified

Chronic aquatic toxicity : Not classified

#### Titanium(IV) oxide (13463-67-7)

EC50 Daphnia 1	> 100 mg/l (LC50; Equivalent or similar to OECD 202; 48 h; Daphnia magna; Static system; Fresh water; Weight of evidence)
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Threshold limit algae 1	61 mg/l (EC50; Other; 72 h; Pseudokirchneriella subcapitata; Static system; Fresh water; Experimental value)
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#### glycerol (56-81-5)

LC50 fish 1	54000 mg/l (LC50; 96 h; Salmo gairdneri; Static system; Fresh water)
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EC50 Daphnia 1	> 10000 mg/l (EC50; 24 h; Daphnia magna; Static system; Fresh water)
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Threshold limit algae 1	> 10000 mg/l (EC0; 8 days; Scenedesmus quadricauda; Static system; Fresh water)
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#### C.I. Pigment Blue 15.3 (147-14-8)

LC50 fish 2	> 500 mg/l (LC50; 96 h)
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#### 12.2. Persistence and degradability

##### kaolin (1332-58-7.)

Persistence and degradability	Biodegradability: Not applicable. Not established.
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Biochemical oxygen demand (BOD)	Not applicable
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Chemical oxygen demand (COD)	Not applicable
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ThOD	Not applicable
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BOD (% of ThOD)	Not applicable
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##### Chalk (1317-65-3)

Persistence and degradability	Biodegradability: Not applicable.
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Biochemical oxygen demand (BOD)	Not applicable
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Chemical oxygen demand (COD)	Not applicable
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ThOD	Not applicable
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BOD (% of ThOD)	Not applicable
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##### Titanium(IV) oxide (13463-67-7)

Persistence and degradability	Biodegradability: Not applicable. Low potential for Mobility in soil.
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Biochemical oxygen demand (BOD)	Not applicable
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Chemical oxygen demand (COD)	Not applicable
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ThOD	Not applicable
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BOD (% of ThOD)	Not applicable
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##### glycerol (56-81-5)

Persistence and degradability	Readily biodegradable in water.
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Biochemical oxygen demand (BOD)	0,87 g O <sub>2</sub> /g substance
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Chemical oxygen demand (COD)	1,16 g O <sub>2</sub> /g substance
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ThOD	1,217 g O <sub>2</sub> /g substance
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BOD (% of ThOD)	0,71
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##### C.I. Pigment Blue 15.3 (147-14-8)

Persistence and degradability	Not readily biodegradable in water. Not degradable in the soil.
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#### 12.3. Bioaccumulative potential

##### kaolin (1332-58-7.)

Bioaccumulative potential	Bioaccumulation: No data available. Not established.
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# Alphacolor® Biggie Cakes - 12 pack ASST

## Safety Data Sheet

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according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

<b>Chalk (1317-65-3)</b>	
Bioaccumulative potential	Bioaccumulation: No data available.
<b>Titanium(IV) oxide (13463-67-7)</b>	
Bioaccumulative potential	Not bioaccumulative.
<b>glycerol (56-81-5)</b>	
Log Pow	-1,75 (Experimental value; Equivalent or similar to OECD 107)
Bioaccumulative potential	Bioaccumulation: Not applicable.
<b>C.I. Pigment Blue 15.3 (147-14-8)</b>	
BCF fish 1	< 11 (BCF)
Log Pow	6,6
Bioaccumulative potential	High potential for bioaccumulation (Log Kow > 5).

### 12.4. Mobility in soil

<b>glycerol (56-81-5)</b>	
Surface tension	0,0634 N/m (20 °C; 1000 g/l)

### 12.5. Results of PBT and vPvB assessment

No additional information available

### 12.6. Other adverse effects

No additional information available

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

Waste treatment methods : Dispose of contents/container in accordance with licensed collector's sorting instructions.  
Ecology - waste materials : Avoid release to the environment.

## SECTION 14: Transport information

In accordance with ADR / RID / IMDG / IATA / ADN

ADR	IMDG	IATA	ADN	RID
<b>14.1. UN number</b>				
Not regulated	Not regulated	Not regulated	Not regulated	Not regulated
<b>14.2. UN proper shipping name</b>				
Not regulated	Not regulated	Not regulated	Not regulated	Not regulated
<b>14.3. Transport hazard class(es)</b>				
Not regulated	Not regulated	Not regulated	Not regulated	Not regulated
<b>14.4. Packing group</b>				
Not regulated	Not regulated	Not regulated	Not regulated	Not regulated
<b>14.5. Environmental hazards</b>				
Not regulated	Not regulated	Not regulated	Not regulated	Not regulated
No supplementary information available				

### 14.6. Special precautions for user

#### - Overland transport

Not regulated

#### - Transport by sea

Not regulated

#### - Air transport

Not regulated

#### - Inland waterway transport

Not regulated

#### - Rail transport

Not regulated

### 14.7. Transport in bulk according to Annex II of Marpol and the IBC Code

Not applicable

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### SECTION 15: Regulatory information

#### 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

##### 15.1.1. EU-Regulations

Contains no REACH substances with Annex XVII restrictions

Contains no substance on the REACH candidate list

Contains no REACH Annex XIV substances

##### 15.1.2. National regulations

###### Germany

VwVwS Annex reference : Water hazard class (WGK) 2, hazard to waters (Classification water polluting based on the components in compliance with Verwaltungsvorschrift wassergefährdender Stoffe (VwVwS) of 27 July 2005 (Anhang 4))

Storage class (LGK) : LGK 13 - Non-combustible solids

12th Ordinance Implementing the Federal Immission Control Act - 12.BImSchV : Is not subject of the 12. BImSchV (Hazardous Incident Ordinance)

###### Netherlands

SZW-lijst van kankerverwekkende stoffen : kaolin is listed

SZW-lijst van mutagene stoffen : kaolin is listed

NIET-limitatieve lijst van voor de voortplanting giftige stoffen – Borstvoeding : None of the components are listed

NIET-limitatieve lijst van voor de voortplanting giftige stoffen – Vruchtbaarheid : None of the components are listed

NIET-limitatieve lijst van voor de voortplanting giftige stoffen – Ontwikkeling : None of the components are listed

###### Denmark

Recommendations Danish Regulation : Young people below the age of 18 years are not allowed to use the product  
Pregnant/breastfeeding women working with the product must not be in direct contact with the product

The requirements from the Danish Working Environment Authorities regarding work with carcinogens must be followed during use and disposal

#### 15.2. Chemical safety assessment

No additional information available

### SECTION 16: Other information

SDS EU (REACH Annex II)

*This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.*