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## Material Safety Data Sheet

### 1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

#### Product Identifier

Trade name : SQ Glow - Color pigment - Strontium aluminate - Blue Green  
 SQ Glow - Kleur pigment - Strontium aluminate - Blauw Groen  
 Product code : KOC065  
 Relevant identified uses of the substance  
 mixture and uses advised against : colouring agent  
 Uses advised against : not known  
 Supplier : SoapQueen vof - SQ-Natural  
 Veilingdreef 20  
 4614 RX Bergen op Zoom  
 The Netherlands  
 Tel. +31 (0)164 254900

### 2. HAZARD IDENTIFICATION

#### Classification of the substance or mixture

According to Regulation (EC) No.

1272/2008(CLP) : not classified

According to Directive 67/548/EEC &

Directive 1999/45/EC : not classified

Additional information : not available

#### Label elements

GHS label elements : not applicable

Hazard pictogram(s) : not applicable

Signal word(s) : not applicable

Hazard statement(s) : not applicable

Precautionary statement(s) : not applicable

Other hazards : not known

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical family : strontium carbonate-aluminum oxide-dysprosium oxide-europium(III) oxide. Contains no hazardous ingredients

Common chemical name	CAS No.	EINECS No.	Colour Index	Chemical composition(%)	Hazard classification According to directive 67/548/EEC & Directive 1999/45/EC, Regulation (EC) No. 1272/2008(CLP)
Strontium carbonate	1633-05-2	216-643-7		55-60	Not classified
Aluminum oxide	1302-74-5	215-691-6		36-42	Not classified
Dysprosium oxide	1308-87-8	215-164-0		1.5-2.5	Not classified

Europium(III) oxide	1308-96-9	215-165-6		1.0-2.0	Not classified
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#### 4. FIRST AID MEASURES

##### Description of first aid measures

Inhalation: in case of accident by inhalation : remove causality to fresh air and keep at rest  
 Skin contact : wash affected skin with plenty of water  
 Eye contact : if contact with eyes directly, flush with gently flowing fresh water thoroughly; If eye irritation persists, get medical advice/attention  
 Ingestion : if ingested, wash out mouth with water, drink milk or egg white  
 Notes to physician : no special measures are required

##### Most important systems and effects,

Both acute and delayed  
 Actue : none  
 Long term (repeated) : may cause irritation to the respiratory system. Cough. Increased difficulty in breathing

##### Indication of immediate medical attention and special treatment needed

Recommended :a. Chest XRay  
 b. Lung functionality tests

#### 5. FIREFIGHTING MEASURES

##### Extinguishing media

Suitable extinguishing media : extinguish with waterspray, foam or dry chemical  
 Unsuitable extinguishing media : carbon dioxide

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

Thermal hazards : noncombustible. None anticipated  
 Advice for firefighters : fire fighters should wear complete protective clothing including selfcontained breathing apparatus

#### 6. ACCIDENTAL RELEASE MEASURES

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

Personal precautions : do not breathe dust  
 Personal protection equipment : wear appropriate personal protective equipment, avoid direct contact  
 In case of emergency : a self contained breathing apparatus and suitable protective clothing should be worn in fire conditions  
 Environmental precautions : do not allow to enter drains, sewers or watercourses  
 Methods and material for  
 Containment and cleaning up : collect mechanically and dispose of according to Section 13. Use vacuum equipment for collecting spilt materials, where practicable  
 Reference to other sections : see sections 8 and 13

## 7. HANDLING AND STORAGE

Precautions for safe handling : avoid breathing dust  
Conditions for safe storage  
including any incompatibilities : keep container in a wellventilated place  
Specific end use(s) : not known

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Control parameters : provide adequate ventilation when using the material and follow the principles of good occupational hygiene to control personal exposures  
Exposure limit values : not known  
**Exposure controls**  
Appropriate engineering controls : provide adequate ventilation to ensure that the occupational exposure limit is not exceeded. Isolate the dispersive process step away from other operations. This can be achieved by local exhaust ventilation or general ventilation  
**Individual protections measures, such as personal protective equipment(PPE)**  
Hand/eye/face protection : wear gloves, eye protection and an approved dust mask if dust is generated during handling.  
Goggles giving complete protection to eyes. Dust mask covering nose and mouth  
Skin protection : apron or other light protective clothing, boots and plastic or synthetic rubber gloves  
Respiratory protection : dust mask covering nose and mouth  
Thermal hazards : none  
Environmental exposure controls : avoid dust generation. Avoid accumulation of dust

## 9. PHYSICAL AND CHEMICAL PROPERTIES

Form : powder  
Colour : Blue Green  
Odour : odourless  
pH : not applicable  
Boiling point, ° C : not applicable  
Melting point, ° C : > 401.5°C  
Flash point : not applicable  
Evaporation rate : not applicable  
Flammability (solid, gas) : > 400°C  
Vapour pressure : not applicable  
Upper explosion limit : not applicable  
Lower explosion limit : not applicable  
Density : 1.78 g/ml (20°C)  
Bulk density : not determined  
Solubility (in water) : 1002.e-3 g/l (zinc compound)  
Explosive properties : Product does not present an explosion hazard.  
Oxidizing properties : No information available.  
Particle size : 65-75µm

**10. STABILITY AND REACTIVITY**

Reactivity : there may be violent or incandescent reaction of the product with metals at high temperatures (e.g., aluminium; calcium; magnesium; potassium; sodium; zinc; lithium)

Chemical stability : stable under normal conditions

Possibility of hazardous reactions : none

Conditions to avoid : high temperature

Incompatible materials : strongly acidic, strongly alkaline, oxidizing agents

Decomposition products : no information available

**11. TOXICOLOGICAL INFORMATION**

**Information on toxicological effects**

This inorganic pigment in general is considered to be practically nontoxic.

Acute toxicity : not available

Carcinogenicity : not available

**12. ECOLOGICAL INFORMATION**

Toxicity : no data

Persistence and degradability : insoluble in water. This product is predicted not to degrade in soil and water

Bioaccumulative potentiall : no data

Mobility in soil : not applicable

Results of PBT and vPvB assessment : not applicable

Other adverse effects : : not known

**13. DISPOSAL CONSIDERATIONS**

Waste treatment methods : dispose of contents in accordance with local, state or national legislation

**14. TRANSPORT INFORMATION**

Not classed as dangerous for transport.

International Transport Regulations	ADR/RID	ADN	IMDG	ICAO/IATA
UN number	Not applicable	Not applicable	Not applicable	Not applicable
Proper shipping name	Not applicable	Not applicable	Not applicable	Not applicable
Transport hazard class(es)	Not applicable	Not applicable	Not applicable	Not applicable
Packing group	Not applicable	Not applicable	Not applicable	Not applicable
Environmental hazards	None	None	None	None
Special precautions for user	None	None	None	None
Transport in bulk according to Annex II of MARPOL73/78 and The IBC Code	Not applicable	Not applicable	Not applicable	Not applicable

Hazard label(s)	Not applicable
Additional information	Custom tariff No. 32061900

15.REGULATORY INFORMATION

According to Directive 67/548/EEC &  
Directive 1999/45/EC : not classified as dangerous for supply/use  
Safety, health and environmental  
regulations/legislations specific for the  
substance or mixture :not available

16. OTHER INFORMATION

Annex to the extended Safety Data Sheet (eSDS)  
ADR : European Agreement concerning international carriage of Dangerous goods by Road  
CAS : Chemical Abstracts Service  
EC : European Community  
ICAO : International Civil Aviation Organization  
IMDG : International Maritime Dangerous Goods  
IATA : International Air Transport Association

**DATA SOURCES**

NPIRI Raw Material Handbook, Volume 4, Pigments, Second Edition, 2001  
Book on "Safe Handling of Pigments", European Edition 1995, BCMA, EPSOM ETAD, VdMi  
HSDB  
NIOSH ICSC  
Hazardous Substance Fact Sheet, New Jersey Department of Health and Senior Service

We have described our product concerning possible safety requirements by the abovementioned information given to the best of our knowledge and experience. All data given are never meant to guarantee any quality description nor product properties