QINGDAO SANHUAN COLORCHEM CO., LTD.

17 FLOOR, YUHENG BUILDING, NO.170 XUZHOU NORTH ROAD, QINGDAO, CHINA
EMAIL: michael@cncolorchem.com
TEL:0086 532 88978177/88978188
FAX:0086 532 88962988/88967877
WEBSITE: www.cncolorchem.com

MATERIAL SAFETY DATA SHEET

Section 1 - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name: Pigment Green 36 K
Color Index Name: Pigment Green 36
Chemical Formula: $C_{32}Br_6Cl_{10}CuN_8$
Molecular Weight: 1393.81
CAS No.: 14302-13-7
Manufacturer Identification:
QINGDAO SANHUAN COLORCHEM CO., LTD.
17 FLOOR, YUHENG BUILDING, NO.170 XUZHOU NORTH ROAD, QINGDAO, CHINA
Tel: +86-532-88978177/88978188
Fax: +86-532-88962988
Email:michael@cncolorchem.com

Section 2 - COMPOSITION, INFORMATION ON INGREDIENTS

Ingredient	CAS No.	Content%	Hazardous
Pigment Green 36	14302-13-7	100	No

Section 3 - HAZARDS IDENTIFICATION

2.1Classification of the substance or mixture
This substance is not classified as dangerous according to Directive 67/548/EEC.
2.2GHS classification
This substance is not classified as dangerous according to Regulation (EC) No. 1272/2008.
2.3Label elements -> (none)

Section 4 - FIRST AID MEASURES

4.1 Description of first aid measures
General informationSeek medical assistance if discomfort continues
After inhalation
Remove the casualty into fresh air and keep him calm.
After contact with skin
In case of contact with skin, clean with soap and water.
After contact with eyes
Rinse the affected eye with plenty of water, at the same time keep the unaffected eye well Protected.
After ingestion
If swallowed do not induce vomiting, seek medical advice and show safety datasheet or label

17 FLOOR, YUHENG BUILDING, NO.170 XUZHOU NORTH ROAD, QINGDAO, CHINA
EMAIL: michael@cncolorchem.com
TEL:0086 532 88978177/88978188
FAX:0086 532 88962988/88967877
WEBSITE: www.cncolorchem.com

4.2 Most important symptoms and effects, both acute and delayed
Symptoms
No symptoms known currently
Hazards
No hazards known at this time
4.3 Indication of any immediate medical attention and special treatment needed
Treatment
Treat symptomatically.

Section 5 - FIRE FIGHTING MEASURES

5.1 Extinguishing media
Suitable extinguishing media
Water spray jet
Foam
Extinguishing media that must not be used for safety reasons
Full water jet
Carbon dioxide
Dry powder
5.2 Special hazards arising from the substance or mixture
In case of fires, hazardous combustion gases are formed: Carbon monoxide (CO)
Carbon dioxide (CO2)
Nitrogen oxides (NOx)
5.3 Advice for firefighters
Use self-contained breathing apparatus

Section 6 - ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures
Wear suitable personal protective equipment.
6.2 Environmental precautions
Do not allow entry to drains, water courses or soil
6.3 Methods for cleaning up/taking up
Take up mechanically
Avoid dust formation and electrical charging (sparking) because dust explosion might occur.
When picked up, treat material as prescribed under heading "Disposal".
6.4 Reference to other sections
Additional information

Section 7 - HANDLING AND STORAGE

7.1 Precautions for safe handling
Advice on safe handling
When used and handled appropriately no special measures are needed

17 FLOOR, YUHENG BUILDING, NO.170 XUZHOU NORTH ROAD, QINGDAO, CHINA
EMAIL: michael@cncolorchem.com
TEL:0086 532 88978177/88978188
FAX:0086 532 88962988/88967877
WEBSITE: www.cncolorchem.com

Avoid dust formation.
Advice on protection against fire and explosion
Take precautionary measures against electrostatic charges - earthing necessary during loading operations.
Keep away from sources of ignition
Dust can form an explosive mixture with air.
Dust explosion class: ST1 Capable of dust explosion
7.2 Conditions for safe storage, including any incompatibilities
Further information on storage conditions
Keep container dry
7.3 Specific end use(s)

Section 8 - EXPOSURE CONTROLS, PERSONAL PROTECTION

8.1 Control parameters
Exposure limit values
Exposure limit values are not available.
DNEL/DMEL values
DNEL/DMEL values are not available.
PNEC values
PNEC values are not available.
8.2 Exposure controls
General protective measures
Observe the usual precautions for handling chemicals.
Hygiene measures
Wash hands before breaks and after work.
Use barrier skin cream.
Remove soiled or soaked clothing immediately and clean thoroughly before using again.
Respiratory protection : Wear dust mask when handling large quantities
Hand protection : Nitrile rubber gloves.
Minimum breakthrough time (glove): not determined
Minimum thickness (glove): not determined
Observe the information of the glove manufacturers on permeability and breakthrough times and other workplace requirements
Eye protection : safety glasses
Body protection : working clothes

Section 9 - PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties
Physical state/shape: Solid/powder
Color: Green
Smell: Not specified

17 FLOOR, YUHENG BUILDING, NO.170 TEL:0086 532 88978177/88978188
XUZHOU NORTH ROAD, QINGDAO, CHINA FAX:0086 532 88962988/88967877
EMAIL: michael@cncolorchem.com WEBSITE: www.cncolorchem.com

pH value : 4.5-9.5 (20 °C)
Melting point (decomposition) : Applies to pigments - No melting point up to the decomposition temperature.
Flash point : Not applicable
Combustion number : BZ3 Local combustion without spreading (20 °C)
Vapour pressure : Not applicable
Solubility in water : Insoluble
n-Octanol/water partition
coefficient (log Pow) : Not determined
Self-ignition temperature : Not determined
Thermal decomposition : >350 °C (Heating rate : 3 K/min)
Method : DTA Closed cup
Specific surface area : Appr.49 m^2/g
Viscosity (dynamic) : cannot be determined
9.2 Other information
Density : 2.9 g/cm^3 (20 °C)
Further information:No incompatible substance known.

Section 10 - STABILITY AND REACTIVITY

10.1 Reactivity
See section 10.3 "possibility of hazardous reactions"
10.2 Chemical stability
10.3 Possibility of hazardous reactions
When handled and stored appropriately no dangerous reactions are known
10.4 Conditions to avoid
None known
10.5 Incompatible materials
Not known
10.6 Hazardous decomposition products
When handled and stored appropriately no dangerous decompositions are known

Section 11 - TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects
Acute oral toxicity : LD50 > 2,000 mg/kg (rat)
The product has not been tested. The information is derived from the properties of the individual components.
Skin irritation or corrosion : non-irritant (rabbit)
Eye irritation or corrosion : non-irritant (rabbit eye)
Respiratory or skin allergies : non-sensitizing

Section 12 - ECOLOGICAL INFORMATION

12.1 Toxicity

17 FLOOR, YUHENG BUILDING, NO.170 XUZHOU NORTH ROAD, QINGDAO, CHINA
EMAIL: michael@cncolorchem.com
TEL:0086 532 88978177/88978188
FAX:0086 532 88962988/88967877
WEBSITE: www.cncolorchem.com

Fish toxicity : not tested.
Daphnia toxicity : not tested.
Algae toxicity : not tested.
12.2 Persistency and degradation
Biodegradablity : not tested.
12.3 Bioaccumulative potential
Bioaccumulative: not tested.
12.4 Mobility in soil
Behaviour in environmental compartments
No known data
12.5 Results of PBT and vPvB assessment
12.6 Other adverse effects
Additional ecotoxicological remarks
Ecological data are determined by analogy

Section 13 - DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods
Products
Product should be taken to a suitable and authorized waste disposal site in accordance
with relevant regulations and if necessary after consultation with the waste disposal
operator and/or the competent Authorities
Uncleaned packaging
Packaging that cannot be cleaned should be disposed of as product waste

Section 14 - TRANSPORT INFORMATION

Section 14.1. to 14.5
IATA not restricted
ADNR not restricted
IMDG not restricted
ADR not restricted
RID not restricted
14.6 Special precautions for user
See sections 6 to 8 of this Safety Data Sheet
14.7 Transport in bulk according to Annex II of MARPOL73/78 and IBC Code
No transport as bulk according IBC – Code

Section 15 - REGULATORY INFORMATION

15.1 Safety, health and environmental regulation/legislation for the substance or mixture
Other regulations
Apart from the data/regulations specified in this chapter, no further information

17 FLOOR, YUHENG BUILDING, NO.170 XUZHOU NORTH ROAD, QINGDAO, CHINA
EMAIL: michael@cncolorchem.com
TEL:0086 532 88978177/88978188
FAX:0086 532 88962988/88967877
WEBSITE: www.cncolorchem.com

is available concerning safety-, health- and environmental protection.

15.2 Chemical safety assessment

A Chemical Safety Assessment (CSA) is available for the substance, or for the component substances, contained in this product.

Section 16 - ADDITIONAL INFORMATION

To the best of our knowledge, the information contained herein is accurate. However producer nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. 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 which exist.