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: CROMOPHTAL YELLOW 2RLT
Color Index Name: PIGMENT YELLOW 110
Chemical Formula: $C_{22}H_6Cl_8N_4O_2$
Molecular Weight: 641.94
CAS No.: 5590-18-1
Manufacturer Identification:
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Fax: +86-532-88962988
Email:michael@cncolorchem.com

Section 2 - COMPOSITION, INFORMATION ON INGREDIENTS

Ingredient	CAS No.	Content%	Hazardous
PIGMENT YELLOW 110	5590-18-1	100	No

Section 3 - HAZARDS IDENTIFICATION

None hazardous identification to EEC directives.
May cause irritation to inhalations, skin contact or eye contact.

Section 4 - FIRST AID MEASURES

Inhalation:Remove contaminated clothing and shoes immediately.Wash with soap and large amounts of water.Get medical attention.
Eye contact:Wash eyes immediately with large amounts of water.Get medical attention.
Skin contact:Remove from exposure area to fresh air immediately.Perform artificial respiration if necessary. Get medical attention.
Ingestion: Get medical attention immediately.

Section 5 - FIRE FIGHTING MEASURES

Not flammable
Suitable extinguishing media:Extinguish using agent suitable for type of surrounding fire.
Fire-fighting instructions: Not acute hazard.
Move container from fire area if possible.Avoid breathing vapours or dust; keep upwind.

Section 6 - ACCIDENTAL RELEASE MEASURES

No special measures required.

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Soak up spill with vermiculite or other absorbent material and place into suitable containers for later disposal.
Avoid dust formation.

Section 7 - HANDLING AND STORAGE

Handling:Avoid dust formation
Storage:Store away from incompatible substances.Store at temperatures below 30°C.Keep containers closed when not in use.Protect from light.

Section 8 - EXPOSURE CONTROLS, PERSONAL PROTECTION

No occupational exposure limits established.
Personal protective equipment.
Respiration protection: Provide local exhaust ventilation system.
Eye protection: Employes must wear splash-proof or dust-resistant safety goggles to prevent eye contact with these substances.
Hand protection: Employes must wear appropriate protective gloves to prevent contact with.
Skin protection: these substances.

Section 9 - PHYSICAL AND CHEMICAL PROPERTIES

FORM	POWDER
COLOUR	YELLOW
ODOUR	ODOURLESS
MELTING POINT/RANGE	300°C
DENSITY	1.35-1.55（H_2O=1）
WATER SOLUBILITY	INSOLUBLE
VAPOUR PRESSURE	NOT APPLICABLE
PH	8.0-9.0
VISCOSITY	NOT APPLICABLE
EXPLOSIVE PROPERTIES	NOT TESTED

Section 10 - STABILITY AND REACTIVITY

10.1 Contact to avoid
Prevent dispersions of dust in air.
10.2 Materials to avoid
Strong acids and oxidating materials
10.3 Hazardous decomposition products
Thermal decomposition products may include toxic fumes.

Section 11 - TOXICOLOGICAL INFORMATION

Skin and eye contact:May cause irritation
Inhalation: Dust may cause irritation to mucous membranes
Oral-infant TDL_0:
Oral-rat LD_{50}: > 5,000 mg/kg
Oral-mouse LD_{50}:

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Sensitisation: no data
Carcinogenicity: none
Mutagenicity: no data
Reproductive toxicity: no data
Narcosis: no data
Others: no data

Section 12 - ECOLOGICAL INFORMATION

No data available. The product is not dangerous to the invironment.

Section 13 - DISPOSAL CONSIDERATIONS

Observe all federal, state and local regulations when disposing this substance. EWG Code: 070399.

Section 14 - TRANSPORT INFORMATION

Transport within user's premises: always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in the event of an accident or spillage.

Sea

Special provisions: Not available.
Marine pollutant: No.

Air

Special provisions: Not available.

This product is not regulated for carriage according to ADR/RID, IMDG, ICAO/IATA.

Section 15 - REGULATORY INFORMATION

Labelling:none
R-Phrase:none

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.