QINGDAO SANHUAN COLORCHEM CO., LTD.

17 FLOOR, YUHENG BUILDING, NO.170 XUZHOU NORTH ROAD, QINGDAO, CHINA
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MATERIAL SAFETY DATA SHEET

Section 1 - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name: PIGMENT RED 269

Chemical Formula: $C_{32}H_{25}ClN_4O_5$

Molecular Weight: 581.02

CAS No.: 67990-05-0

Manufacturer Identification:

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Section 2 - COMPOSITION, INFORMATION ON INGREDIENTS

Ingredient	CAS No.	Content%	Hazardous
PIGMENT RED 269	67990-05-0	100	No

Section 3 - HAZARDS IDENTIFICATION

Not classified as dangerous for supply or conveyance under EEC directives 67/548, 77/728, 88/379, 91/155.

This product is in compliance with CONEG Model legislation for packaging and packaging ink components.

Section 4 - FIRST AID MEASURES

Eye Contact: In case the pigment comes into contact with eyes, it may cause irritation. In this case flush eyes thoroughly with water for at least 15 minutes. If irritation persists, consult
your physician.

Skin Contact: In case pigment comes into contact with skin, it may cause irritation. In which case wash skin with soap and water. Remove severely contaminated clothing and clean before reuse. Seek medical attention if irritation persists.

Inhalation: In case the pigment is inhaled and causes respiratory difficulty, proceed to area of
fresh air. Get medical attention if necessary.

Ingestion: In case the pigment is ingested, it is not considered to be toxic. If swallowed, dilute
with water and induce vomiting. Never give fluids or induce vomiting to an unconscious person or person having convulsions. Seek medical attention immediately this case.

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Section 5 - FIRE FIGHTING MEASURES

Flammability Class: Not flammable

Extinguishing Medium: Carbon Dioxide, dry chemical or foam

Special Fire Fighting Procedures: Wear self-contained breathing apparatus and full protective equipment

Unusual Fire / Explosion Hazards: Fire or excessive heat may produce hazardous decomposition products

General Hazard: Improper handling of any finely divided organic pigment may lead to dust

and cloud formation which may be an explosive hazard

Section 6 - ACCIDENTAL RELEASE MEASURES

Respiratory Protection: Dust respirator

Ventilation: Local exhaust or containment

Hand protection: Rubber Hand Gloves recommended

Eye Protection: Avoid Eye Contact, Safety Goggles recommended

Body Protection: Impervious clothing

Recommended personal protection in accordance with good industrial hygiene and safety practices

Section 7 - HANDLING AND STORAGE

Spill Procedure: Vacuum or use wet clean-up techniques and place recovered product in closable container.

Waste Disposal Method: Disposal of this material must be made in accordance with Federal, State and Local regulations.

Storage Conditions: This product may ignite if exposed to open flames, sparks, static discharge or other sources or ignition.

Section 8 - EXPOSURE CONTROLS, PERSONAL PROTECTION

Respiratory Protection: Dust respirator

Ventilation: Local exhaust or containment

Hand protection: Rubber Hand Gloves recommended

Eye Protection: Avoid Eye Contact, Safety Goggles recommended

Body Protection: Impervious clothing

Section 9 - PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Red Powder

Odor: Odorless

pH: 6.5-7.5

Boiling point: N/A

Melting Point: N/A

Specific Gravity: N/A

Solubility in Water: Insoluble

Section 10 - STABILITY AND REACTIVITY

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This product is a stable compound under normal storage conditions and hazardous polymerization will not occur.

Section 11 - TOXICOLOGICAL INFORMATION

Toxicological Test Data: Based upon industry-wide experience and published toxicological studies, organic pigments in general are considered to be practically non-toxic.

Effect of Exposure: Acute: Low order of toxicity on single exposure. This product has reported an acute oral LD50 Value of 50mg/kg or greater in rates.

Chronic: No carcinogenic effects observed on prolonged exposure in animal studies.

Section 12 - ECOLOGICAL INFORMATION

Being chemically inert and practically insoluble in water, organic pigments are not environmentally hazardous.They may be virtually removed from wastewater mechanically in suitable effluent treatment plants. Organic pigments have minimal bioaccumulation and bioavailability characteristics. Therefore, they are not biodegradable and retained in soil or water.

Section 13 - DISPOSAL CONSIDERATIONS

Dispose (dump or incinerate) in accordance with applicable federal, state and local regulations.

Section 14 - TRANSPORT INFORMATION

D.O.T. Shipping Name (49 CFR 172.101-102): None

D.O.T. Hazard Class (49 CFR 172.101-102): None

D.O.T. Label: None

Land transport

ADR/RID/GGVS/GGVE UN – No : None / Not Regulated

Sea transport

IMDG/GGVSee UN – No : None / Not Regulated

Air transport

TCAO/TATA UN-ID No : None / Not Regulated

This product is not classified as dangerous under the relevant EU directives and DOT regulations. Thus, it is not hazardous under transport regulations

Section 15 - REGULATORY INFORMATION

OSHA Hazard Communication Standard:

This product is not considered to be a hazardous substance under OSHA's Federal Hazard Communication Standard 29 CFR 1910.1200.

Toxic Substance Control Act (TSCA):

All of the ingredients of this material have been reported to the U.S. EPA and are included in the TSCA

Chemical inventory.

SARA Title III:

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Section 302 (EHS): None
Section 311/312 (Acute): None
Section 313: None
RCRA:
Not regulated as a hazardous waste under RCRA
EINECS (European Economic Community):
All components of this material are on the EINECS list.
CONEG:
This product is certified to be in full compliance with CONEG legislation for packaging and packaging Ink components regarding hexavalent chromium, cadmium, lead and mercury.

Section 16 - ADDITIONAL INFORMATION

This information contained is provided in good faith. Although it is based on data from sources deemed to be reliable, hangzhou munsell pigment cannot guarantee its accuracy and assumes no responsibility for conditions resulting from its use.