Safety data sheet
according to 1907/2006/EC, Article 31

Printing date 25.05.2015 Version number 2 Revision: 25.05.2015

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

1.1 Product identifier

Trade name: IQC Coat DPP Red 254 2030
IQC Coat DPP Red 254 BO
IQC Plast DPP Red 254 2030

CAS Number:
84632-65-5
ELINCS Number:
401-540-3
Name: 3,6-Bis(4-chlorophenyl)-2,5-dihydropyrrolo[3,4-c]pyrrole-1,4-dione

1.2 Relevant identified uses of the substance or mixture and uses advised against
No further relevant information available.
Application of the substance / the mixture Dyestuff/Colouring agent

1.3 Details of the supplier of the safety data sheet
Manufacturer/Supplier:
IQChem Inc.
Benkenstrasse 254
CH-4108 Witterswil
Tel. +41-61-72195-40
Fax +41-61-72195-41
Mail info@iqchem.com

E-Mail competent person: info@hdcc-hh.de

1.4 Emergency telephone number: 0041-44-251 51 51 (short number for Switzerland: Tel. 145)

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SECTION 2: Hazards identification

2.1 Classification of the substance or mixture
Classification according to Regulation (EC) No 1272/2008
The substance is not classified according to the CLP regulation.

2.2 Label elements
Labelling according to Regulation (EC) No 1272/2008 Void

Hazard pictograms Void
Signal word Void

Hazard statements Void

Precautionary statements Void

2.3 Other hazards
Results of PBT and vPvB assessment
PBT: Not applicable.
vPvB: Not applicable.

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SECTION 3: Composition/information on ingredients

3.1 Chemical characterisation: Substances
CAS No. Description
84632-65-5 C.I. Pigment Red 254
Name: 3,6-Bis(4-chlorophenyl)-2,5-dihydropyrrolo[3,4-c]pyrrole-1,4-dione
Identification number(s)
ELINCS Number: 401-540-3

SECTION 4: First aid measures

4.1 Description of first aid measures

After inhalation: Supply fresh air; consult doctor in case of complaints.

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After skin contact:
Immediately remove any clothing soiled by the product.
Immediately wash with water and soap and rinse thoroughly.

After eye contact:
Immediately rinse opened eye for several minutes (10-15 min.) under running water.
Seek medical treatment.

After swallowing:
Rinse mouth thoroughly with water.
Seek medical treatment.

4.2 Most important symptoms and effects, both acute and delayed
No further relevant information available.

4.3 Indication of any immediate medical attention and special treatment needed
No further relevant information available.

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SECTION 5: Firefighting measures

5.1 Extinguishing media
Suitable extinguishing media:
CO2, extinguishing powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
Use fire extinguishing methods suitable to surrounding conditions.
Unsuitable extinguishing media: Water with full jet

5.2 Special hazards arising from the substance or mixture
As the product is supplied it is not capable of dust explosion; however enrichment with fine dust causes risk of dust explosion.
In case of fire, the following can be released:
Carbon monoxide (CO)
Carbon dioxide (CO2)
Nitrogen oxides (NOx)
Hydrogen chloride (HCl)

5.3 Advice for firefighters
Protective equipment: Wear self-contained respiratory protective device.
Additional information
Collect contaminated fire fighting water separately. It must not enter the sewage system.
Dispose of fire debris and contaminated fire fighting water in accordance with official regulations.

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SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures
Wear personal protective equipment.
Avoid contact with eyes, skin and clothing.

6.2 Environmental precautions: Do not allow to enter sewers, surface or ground water.

6.3 Methods and material for containment and cleaning up:
Pick up mechanically.
Send for recovery or disposal in suitable receptacles.

6.4 Reference to other sections
See section 7 for information on safe handling.
See section 8 for information on personal protection equipment.
See section 13 for disposal information.

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SECTION 7: Handling and storage

7.1 Precautions for safe handling
Avoid formation of dust.
Keep the packing dry and well sealed to prevent contamination and absorption of humidity.

Information about fire - and explosion protection:
Dust can combine with air to form an explosive mixture.
Keep ignition sources away - Do not smoke.
Protect from heat.

7.2 Conditions for safe storage, including any incompatibilities
Storage:
Requirements to be met by storerooms and receptacles:
Keep the packing dry and well sealed to prevent contamination and absorption of humidity.
Further information about storage conditions: None.
Storage class: 11 Combustible solids (Germany)

7.3 Specific end use(s) No further relevant information available.

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SECTION 8: Exposure controls/personal protection

Additional information about design of technical facilities:
Use process enclosure and exhaust ventilation to keep dust concentrations below permissible limits.

8.1 Control parameters
Ingredients with limit values that require monitoring at the workplace:
Observe all workplace limits for dusts.
Additional information: The lists valid during the making were used as basis.

8.2 Exposure controls
Personal protective equipment:

Respiratory protection: Filtering mask P

Protection of hands:
Chemical resistant gloves (EN 374)
The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.
Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation.
After use of gloves apply skin-cleaning agents and skin cosmetics.
Material of gloves
For undissolved solids the following materials may be suitable:
Butyl rubber, BR
Nitrile rubber, NBR
Chloroprene rubber, CR
Fluorocarbon rubber (Viton)
Penetration time of glove material
The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

Eye protection: Eye glasses with side protection type 4 (DIN EN 166)

Body protection: Protective work clothing

Limitation and supervision of exposure into the environment See 6.2

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SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties
General Information
Appearance:

Form:	Powder
Colour:	Red
Odour:	Odourless
Odour threshold:	Not applicable.
pH-value:	Not applicable.
Change in condition	
Melting point/Melting range:	Not determined.
Boiling point/Boiling range:	Not determined.
Flash point:	Not determined.
Flammability (solid, gaseous):	Not determined.
Ignition temperature:	Not determined.
Decomposition temperature:	Not determined.
Self-igniting:	Not determined.
Danger of explosion:	The product is not explosive. However, formation of explosive dust/air mixtures is possible.
Explosion limits:	
Lower:	Not determined.
Upper:	Not determined.
Oxidising properties	Not determined.
Vapour pressure:	Not applicable.
Density:	Not determined.
Relative density	Not determined.
Vapour density	Not applicable.
Evaporation rate	Not applicable.
Solubility in / Miscibility with	
water:	Insoluble.
organic solvents:	Insoluble in: Methanol Ethyl acetate
Partition coefficient (n-octanol/water):	Not determined.
Viscosity:	
Dynamic:	Not applicable.
Kinematic:	Not applicable.
9.2 Other information	No further relevant information available.

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SECTION 10: Stability and reactivity

10.1 Reactivity No further relevant information available.

10.2 Chemical stability No further relevant information available.

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10.3 Possibility of hazardous reactions
As the product is supplied it is not capable of dust explosion; however enrichment with fine dust causes risk of dust explosion.

10.4 Conditions to avoid No further relevant information available.

10.5 Incompatible materials: No further relevant information available.

10.6 Hazardous decomposition products: No further relevant information available.

SECTION 11: Toxicological information

11.1 Information on toxicological effects
Acute toxicity
LD/LC50 values relevant for classification:
There are no quantitative data on the toxicity of the product.

Primary irritant effect:
Skin corrosion/irritation No data available.
Serious eye damage/irritation No data available.

Corrosivity: No data available.

Respiratory or skin sensitisation No data available.

CMR effects (carcinogenity, mutagenicity and toxicity for reproduction): No data available.

STOT-single exposure: No data available.

STOT-repeated exposure: No data available.

Aspiration hazard: No data available.

Additional toxicological information:
Based on data from similar products it is not expected to be toxic.
Further hazardous properties can not be excluded.
The usual precautionary measures are to be adhered to when handling chemicals.

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SECTION 12: Ecological information

12.1 Toxicity
Aquatic toxicity: There are no quantitative data on the toxicity of the product.

12.2 Persistence and degradability Not applicable, insoluble in water.

12.3 Bioaccumulative potential No further relevant information available.

12.4 Mobility in soil No further relevant information available.

12.5 Results of PBT and vPvB assessment
PBT: Not applicable.
vPvB: Not applicable.

12.6 Other adverse effects
Water hazard class 1 (German Regulation) (Assessment by list): slightly hazardous for water
Do not allow product to reach ground water, water course or sewage system.
Insoluble in water. Based on data from similar products it is not expected to pose a hazard to the environment.

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SECTION 13: Disposal considerations

13.1 Waste treatment methods
Recommendation Dispose of waste according to official regulations.

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Waste disposal key:
The allocation of waste identity numbers / waste descriptions must be carried out according to the EEC, specific to the industry and process.

Uncleaned packaging:
Recommendation: Dispose of waste according to official regulations.

SECTION 14: Transport information

14.1 UN-Number
ADR, IMDG, IATA Void

14.2 UN proper shipping name
ADR, IMDG, IATA Void

14.3 Transport hazard class(es)

ADR, IMDG, IATA
Class Void

14.4 Packing group
ADR, IMDG, IATA Void

14.5 Environmental hazards:
Marine pollutant: No

14.6 Special precautions for user Not applicable.

14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code Not applicable.
UN "Model Regulation": -

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SECTION 15: Regulatory information

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

Directive 2012/18/EU
Named dangerous substances - ANNEX I Substance is not listed.

15.2 Chemical safety assessment: A Chemical Safety Assessment has not been carried out.

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SECTION 16: Other information

This information is based on our present state of knowledge. However, this shall not constitute a guarantee for any specific product properties and shall not establish a legally valid contractual relationship.

This safety data sheet assumes high professional standards when handling chemicals. Whenever there is no particular recommendation in this safety data sheet, these high professional standards have to be applied. All information refers to the original product as supplied and is based on our current state of knowledge.

Abbreviations and acronyms:
ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)
IMDG: International Maritime Code for Dangerous Goods
IATA: International Air Transport Association
GHS: Globally Harmonised System of Classification and Labelling of Chemicals
EINECS: European Inventory of Existing Commercial Chemical Substances
CAS: Chemical Abstracts Service (division of the American Chemical Society)
LC50: Lethal concentration, 50 percent
LD50: Lethal dose, 50 percent
PBT: Persistent, Bioaccumulative and Toxic

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Department issuing MSDS:
HDCC - Hamburg Distribution & Chemical Consulting UG (haftungsbeschränkt)
August-Bebel-Str. 36, 23923 Schönberg, Germany
Tel.: +49-40-3492 6939 Fax: +49-321-2144 7400
Contact: Dr. Sonja Schörshusen

*** Data compared to the previous version altered.**