

# MATERIAL SAFETY DATE SHEET

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Tianki (China) Enterprise Co., Ltd  
Nanyang ETDZ,Xiaoshan Area,  
Hangzhou, China

[sales@tkechem.com](mailto:sales@tkechem.com)

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## 1. TRADE NAME(PRODUCT IDENTIFIER): Permanent Red FGR

MANUFATURER: Tianki (China) Enterprise Co., Ltd  
Nanyang ETDZ,Xiaoshan Area, Hangzhou, China

EMERGENCY NUMBER : Tel: 0086-571-82778679 Fax:0086-571-82778609

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## 2. COMPOSITION/INFORMATION ON INGREDIENTS

CONTENT:C.I.C.I.12370 CAS-NO. :6535-46-2 EINECS NO.: 229-440-3  
HAZARDOUS INGREDIENTS: NO Hazardous

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## 3. POSSIBLE HAZARDS

Not classified as hazardous

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## 4. FIRST AID MEASURES

### GENERALADVICE

#### IF INHALED

IN CASE OF INSUFFICIENT VENTILATION, WEAR SUITABLE  
RESPIRATORY EQUIPMENT. IF A EMPLOYEE HAS INHALED  
MORE THAN A TOLERABLE QUANTITY OF DUST  
COUNTERACT BY REMOVAL OF PERSON TO FRESH AIR

#### ON SKIN CONTACT

AVOID CONTACT WITH SKIN. WASH CONTAMINATED  
PARTS WITH PLENTY OF WATER

#### ON CONTACT WITH EYES

AVOID CONTACT WITH EYES. IF EYE CONTAMINATED, RINSE  
IT OUT WITH WATER, ASK FOR MEDICAL HELP

#### ON INGESTION

WHEN USING DO NOT EAT OR DRINK. IF SWALLOWED,  
INDUCE VOMITING,SEEK MEDICAL ADVICE IMMEDIATELY

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## 5. FIRE FIGHTING MEASURES

Suitable extinguishing media: water, water mist, foam, co2

Unsuitable extinguishing media for safety reasons:

The following can be given off in a fire : gas/ vapour

Special protective equipment : wear suitable respiratory equipment

Further information : the contaminated water must be eliminated based on law

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## 6. ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS: DO NOT BREATHE THE DUST  
ENVIRONMENTAL PRECAUTIONS: AVOID CREATING DUST CONDITIONS  
METHODS FOR CLEANING UP : BURNING OR DISPOSAL IN ACCORDANCE WITH

LOCAL REGULATIONS FOR CHEMICAL WASTE

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## 7. HANDLING AND STORAGE

HANDLING :

PROTECTION AGAINST FIRE AND EXPLOSION : KEEP AWAY FROM SOURCES OF IGNITION-NO  
SMOKING TAKE PRECAUTIONARY MEASURES AGAINST STATIC DISCHARGES

STORAGE :

KEEP ONLY IN THE ORIGINAL CONTAINER AWAY FROM FOOD STUFFS IN DRY AND  
VENTILATED AREA

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## 8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

EXPOSURE LIMITS:TWA(8h/total dust): 10mg/m<sup>3</sup>  
TWA(8h/dust breathable): 5mg/m<sup>3</sup>

CONTROL PARAMETERS AND PERSONAL PROTECTIVE EQUIPMENT

RESPIRATORY PROTECTION: FILTERS  
HAND PROTECTION: GLOVES  
EYE PROTECTION: SAFETY GASSES  
BODY PROTECTION: PROTECTIVE SUIT

GENERAL SAFETY AND HYGIENE MEASURES: WHEN USING DO NOT EAT OR DRINK

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## 9. PHYSICAL AND CHEMICAL PROPERTIES

COLOUR : red powder  
ODOUR : mild  
MELTING SOFTENING POINT: 290°C

MOLECULAR FORMULA: : C<sub>24</sub>H<sub>16</sub>Cl<sub>3</sub>N<sub>3</sub>O<sub>2</sub>  
MOLECULAR FORMULAR: 484.76  
TINTING STRENGTH: 95-105% of the standard  
SOLUBLE IN WATER : 1.5% max  
DENSITY: 1.38-1.65  
VOLATILE AT 105°C: 2.5% max  
OIL ABSORPTION:30-40%

FASTNESS TO LIGHT: 8  
FASTNESS TO HEAT(°C): 190  
BLEEDING RESISTANCE WATER : 5  
BLEEDING RESISTANCE ACID: 5  
BLEEDING RESISTANCE ALKALI : 5  
BLEEDING RESISTANCE ALCOHOL: 5

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## 10. STABILITY AND REACTIVITY

CONDITION TO AVOID: PROTECT FROM HUMIDITY

HAZARDOUS REACTIONS :  
HAZARDOUS DECOMPOSITION PRODUCTS:

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## 11. TOXICOLOGICAL INFORMATION

ORAL ACUTE TOXICITY(RAT) : LD50 > 2000mg/kg or treated in rats

SKIN IRRITATION(RABBIT) : Skin irritation studies have been reported to be negative

EYES IRRITATION(RABBIT'S EYES) : Eye irritation studies have been reported to be negative

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## 12. ECOLOGICAL INFORMATION

BIOLOGICAL ELIMINATION  
FISH TOXICITY LC50

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## 13. DISPOSAL CONSIDERATION

DISPOSE OF THE PRODUCT IN ACCORDANCE WITH LAW

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## 14. TRANSPORT INFORMATION

GGVSee/IMDG: NO HAZARDOUS PRODUCT UN NO: NO HAZARDOUS PRODUCT

GGVE/GGVS: NO HAZARDOUS PRODUCT RID/ADR: NO HAZARDOUS PRODUCT

ICAO/IATA-DGR: NO HAZARDOUS PRODUCT ADNR: NO HAZARDOUS PRODUCT

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## 15. REGULATORY INFORMATION

LABELLING ACCORDING TO EEC DIRECTIVES  
DESCRIPTION OF HAZARDOUS ' SYMBOL  
DESCRIPTION OF RISK PHRASES

IN ACCORDANCE WITH THE FOLLOWING LAW:

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## 16. OTHER INFORMATION

THE INFORMATION CONTAINED HEREIN IS BASED ON THE PRESENT STATE OF OUR KNOWLEDGE AND DOES NOT THEREFORE GUARANTEE CERTAIN PROPERTIES.

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