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# MATERIAL SAFETY DATA SHEET

ACCORDING TO EC DIRECTIVE 2001/58/EEC

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DATE/REVISED : Jan. 2015

**1. TRADE NAME : PIGMENT YELLOW 34**

**USE OF THE SUBSTANCE /PREPARATION :** INORGANIC PIGMENT FOR INDUSTRIAL PROCESS

**MANUFACTURER :** HANGZHOU FANCHENG CHEM. CO.,LTD.

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**2. COMPOSITION / INFORMATION ON INGREDIENTS**

PRODUCT DESCRIPTION : LEAD CHROMATE PIGMENT

COMPOSITION : PbCrO<sub>4</sub>.

.CAS-NO: 1344-37-2

C.I. PIGMENT YELLOW 34

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**3. POSSIBLE HAZARDS**

CRITICAL HAZARDS TO MAN : UNLIKELY TO CAUSE HARMFUL EFFECTS UNDER NORMAL CONDITIONS OF HANDLING AND USE

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**4. FIRST AID MEASURES**

GENERAL ADVICE : SEEK MEDICAL ASSISTANCE IF DISCOMFORT CONTINUES

IF INHALED : IN CASE OF INSUFFICIENT VENTILATION , WEAR SUITABLE RESPIRATORY EQUIPMENT

ON SKIN CONTACT : AVOID CONTACT WITH SKIN .WASH THE CONTAMINATED PARTS WITH PLENTY OF WATER

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

ON INGESTION : DO NOT INDUCE VOMITING !

IF SWALLOWED , RINSE MOUTH WITH WATER AND SEEK MEDICAL ADVICE .

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**5. FIRE FIGHTING MEASURES**

SUITABLE EXTINGUISHING MEDIA : WATER MIST , POWER , FOAM

UNSUITABLE EXTINGUISHING MEDIA FOR SAFETY REASONS : FULL WATER JET , CO<sub>2</sub>

SPECIAL PROTECTIVE EQUIPMENT : SELF-CONTAINED BREATHING APPARATUS

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**6. ACCIDENTAL RELEASE MEASURES**

PERSONAL PRECAUTIONS : IN CASE OF INSUFFICIENT VENTILATION , WEAR SUITABLE RESPIRATORY EQUIPMENT

ENVIRONMENTAL PRECAUTIONS : AVOID RELEASE TO THE ENVIRONMENT

METHODS FOR CLEANING UP : BURNING OR DISPOSAL IN ACCORDANCE WITH LOCAL REGULATIONS FOR CHEMICAL WASTE . RINSE RESIDUE AWAY WITH PLENTY OF WATER  
PRODUCT SWEEP UP AND DEPOSIT IN SUITABLE CONTAINERS FOR DEPOSITION . RINSE THE REST AWAY WITH WATER . INCINERATION , DISPOSAL , ACCORDING LOCAL REGULATIONS CONTAMINATED EMPTY CONTAINERS MUST BE DISPOSED OF AS CHEMICAL WASTE

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TRADE NAME **CHROME YELLOW 1322M**

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## 7. HANDLING AND STORAGE

HANDLING : WHEN USED AND HANDLED APPROPRIATELY NO SPECIAL MEASURES ARE NEEDED  
AVOID DUST FORMATION .

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

STORAGE : PRODUCT SHOULD BE STORED IN ORIG . CONTAINERS UNDER NORMAL CONDITIONS  
KEEP AWAY FROM FOOD ,DRINK AND ANIMAL FEEDING STUFFS  
AVOID CREATING DUSTY CONDITIONS

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## 8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

PERSONAL PROTECTIVE EQUIPMENT

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 : PROTECTIVE SUIT

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

FURTHER INFORMATION : THIS PRODUCT IS CLASSIFIED AS NON-HAZARDOUS. HOWEVER THE  
USUAL PRECAUTIONS FOR HANDLING CHEMICALS MUST BE OBSERVED TO  
AVOID CONTACT WITH THE SKIN ,EYES AND RESPIRATORY TRACT

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## 9. PHYSICAL AND CHEMICAL PROPERTIES

FORM : POWER

COLOUR : YELLOW

ODOUR : ODOURLESS

PH VALUE : 6-9 20°C 10g/l H<sub>2</sub>O

BOILING POINT /BOILING RANGE : n. a

MELTING POINT /MELTING RANGE: n. a

CONCENTRATION OF SATURATED VAPOUR : n. a

VAPOUR PRESSURE : n. a

VAPOR DENSITY : n. a

EVAPORATION RATE : n. a

FLASH POINT : n. a

COMBUSTIBILITY : AVOID DUSTING , DUST EXPLOSION RISK

EXPLOSION LIMITS :

-lower : n.a

-upper : n. a

SELF IGNITION : n. a

OXIDISING PROPERTIES

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SOLUBILITY IN WATER : INSOLUBLE  
 OCTANOL/WATER PARTITION COEFFICIENT (log<sub>10</sub> K<sub>ow</sub>) : n. a  
 CONDUCTIVITY : n. a  
 SURFACE TENSION : n. a  
 VISCOSITY : n. a  
 FURTHER INFORMATION : NO INCOMPATIBLE SUBSTANCE KNOWN .

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#### 10. STABILITY AND REACTIVITY

STABILITY : THIS PRODUCT IS STABLE UNDER NORMAL STORAGE CONDITIONS  
 HAZARDOUS DECOMPOSITION PRODUCTS : BURNING CAN PRODUCE OXIDES OF CARBON , NITROGEN AND  
 SULPHUR AND COMPOUNDS OF : CALCIUM

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#### 11. TOXICOLOGICAL INFORMATION

ACUTE TOXICITY  
 LD 50/ ORAL/RAT : >5 000 mg/kg OECD NO.401  
 LD 50 / SKN /RAT : >5 000 mg/kg OECD NO.402  
 SKIN IRRITATION / RABBIT : NON IRRITANT OECD NO.404  
 EYES IRRITATION / RABBIT : NON IRRITANT OECD NO.405  
 SUBACUTE-CHRONIC TOXICITY / RAT : NON IRRITANT

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#### 12. ECOLOGICAL INFORMATION

ELIMINATION INFORMATION  
 TEST METHOD : ELIMINATION TEST NOT APPLIABLE ,AS SOLUBILITY IN WATER IS TOO LOW .  
 METHOD OF ANALYSIS : (BOD5: COD ) .100  
 DEGREE OF ELIMINATION : <10%  
 BEHAVIOUR AND ENVIRONMENTAL  
 COD-VALUE : n. a  
 BOD5-VALUE : n. a  
 AOX : THE PRODUCT DOES NOT CONTAIN HALODENATED COMPOUNDS  
 WGK (WATER RISK CLASS ) : 1

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#### 13. DISPOSAL CONSIDERATIONS

PRODUCT/WASTE DISPOSAL : INCINERATION , DISPOSAL , ACCORDING LOCAL REGULATIONS  
 PACKAGING DISPOSAL : CONTAMINATED EMPTY CONTAINERS MUST BE DISPOSED OF AS CHEMICAL  
 WASTE

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#### 14. TRANSPORT INFORMATIONS

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 : 67/548/EEC ,1999/45/EC :

IS NOT NECESSARY ; TO OUR PRESENT KNOWLEDGE THE PRODUCT IS NOT A SUBSTANCE TO MANDATORY MARKING IN ACCORDANCE WITH EEC-DIRECTIVE 67/548/EEC OR AMENDMENTS.

REGISTRATION STATUS

EINECS/ELINCS : 235-558-6

ENCS /MITI : 3-3185X

TSCA : YES

AICS : YES

DSL / NSDL : YES

INFORMATION CONTAINED HEREIN IS FOR HEALTH AND SAFETY GUIDANCE ONLY AND DOES NOT CONSTITUTE A SPECIFICATION . IT IS , TO BEST OF OUR KNOWLEDGE AND BELIEF ACCURATE . HOWEVER , SINCE THE CONDITIONS OF HANDLING AND USE ARE BEYOND OUR CONTROL , WE MAKE NO QUARANTEE OF RESULTS , AND ASSUME NO LIABILITY FOR DAMAGES INCURRED BY USE OF THIS PRODUCT, IT IS THE RESPONSIBILITY OF THE USER TO COMPLY WITH ALL APPLICABLE LAWS AND REGULATIONS

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**16. OTHER INFORMATION**

RELEVANT INFORMATION FOR CLASFICATION :

DIRECTIVE 1999 /45 /EC OF THE EUROPEAN PARLIAMENT AND OF THE COUNCLL-ANNEX II

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

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n. a =not applicable ; n. e = not evaluated

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THIS MATERIAL SAFETY DATA SHEET WAS TYPED BY COMPUTER , THEREFORE IT HAS NO SIGNATURE .

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