



No. SDS20170113001

*Experts on International Rules&Regulations for Traming, Packing, Storage&Transport of Hazardous Goods  
Dangerous Goods Management(China) Ltd*

## Material safety data sheet

FAICPBLUE4OZ	CHALK POWDER BLUE 4OZ / 113G
FAICPRED4OZ	CHALK POWDER RED 4OZ / 113G
FAICPWHIT4OZ	CHALK POWDER WHITE 4OZ / 113G
FAICPBLUE	CHALK POWDER BLUE 8OZ / 250G
FAICPRED'	CHALK POWDER RED 8OZ / 250G
FAICPYELLOW	CHALK POWDER YELLOW 8OZ / 250G
FAICPWHITE	CHALK POWDER WHITE 8OZ / 250G

Product name: Chalk

Manufacturer Faithfull Tools

**Safety Data Sheet****CHALK**

Version: V1.0.0.2

Creation Date: 2017/01/13

Revision Date: 2018/08/15

**\*Prepared according to UN GHS (the 7th revised edition)****1 Identification of the chemical and supplier****Product identifier**

Product Name	CHALK
CAS No.	Not applicable
EC No.	Not applicable
Molecular Formula	Not applicable

**Relevant identified uses of the substance or mixture and uses advised against**

Relevant identified uses	Used for Marking.
Uses advised against	Please consult manufacturer.

**Details of the supplier of the Safety Data Sheet**

Name of the company	Faithfull Tools
Address of the company	3 White Lodge Business Estate, Hall Road, Norwich
Post code	NR4 6DG
Telephone number	01603 671640
Fax number	
E-mail address	enquiries@faithfulltools.com

**Emergency phone number**

Emergency phone number	
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**2 Hazards identification****Hazard classification according to GHS**

Hazard classification according to GHS	Not applicable
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**Label elements**

Hazard pictograms	Not applicable
Signal word	Not applicable

**Hazard statements**

Hazard statements	Not applicable
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**Precautionary statements**

## ◆ Prevention

Prevention | Not applicable

## ◆ Response

Response | Not applicable

## ◆ Storage

Storage | Not applicable

## ◆ Disposal

Disposal | Not applicable

**Hazard description**

## ◆ Physical and chemical hazards

Solid, insoluble in water, no harm in general situation.

## ◆ Health hazards

Inhaled	Inhalation of the product may produce adverse health effects or irritation of the respiratory tract following discomfort.
Ingestion	Accidental ingestion of the product may be harmful to the health of the individual.
Skin Contact	<u>Does not classify as irritating to the skin.</u>
Eye	Does not classify as irritating to the eyes.

## ◆ Environmental hazards

Please refer to 12th chapter of SDS.

**3 Composition/information on ingredients****1.Red**

Component	Cas No.	EC No.	Concentration (weight percent, %)
Calcium carbonate	471-34-1	207-439-9	75~80
Diiiron trioxide	1309-37-1	215-168-2	20~25

**2.Yellow**

Component	Cas No.	EC No.	Concentration (weight percent, %)
Calcium carbonate	471-34-1	207-439-9	75~80
Pigment Yellow 42	51274-00-1	215-168-2	20~25

**3.Blue**

Component	Cas No.	EC No.	Concentration (weight percent, %)
Calcium carbonate	471-34-1	207-439-9	80~85
Pigment Blue 29	57455-37-5	/	15~20

**4.Black**

Component	Cas No.	EC No.	Concentration (weight percent, %)
Calcium carbonate	471-34-1	207-439-9	70~75
Iron oxide black	1309-38-2	235-442-5	25~30

**5.Green**

Component	Cas No.	EC No.	Concentration (weight percent, %)
Calcium carbonate	471-34-1	207-439-9	85~90
Fluorescent Green	/	/	10~15

**6.Orange**

Component	Cas No.	EC No.	Concentration (weight percent, %)
Calcium carbonate	471-34-1	207-439-9	85~90
Fluorescent orange	/	/	10~15

**7.White**

Component	Cas No.	EC No.	Concentration (weight percent, %)
Calcium carbonate	471-34-1	207-439-9	100

**4 First aid measures****Description of first aid measures**

<b>General advice</b>	Immediate medical attention is required. Show this safety data sheet (SDS) to the doctor in attendance.
<b>Eye contact</b>	First rinse with plenty of water for several minutes (remove contact lenses if easily possible), then take to a doctor.
<b>Skin contact</b>	Rinse skin with plenty of water or shower.
<b>Ingestion</b>	Rinse mouth.
<b>Inhalation</b>	Fresh air, rest.
<b>Protecting of first-aiders</b>	Ensure that medical personnel are aware of the substance involved. Take precautions to protect themselves and prevent spread of contamination.

**Most important symptoms and effects, both acute and delayed**

- Substance accumulation, in the human body, may occur and may cause some concern following repeated or long-term occupational exposure.

**Indication of any immediate medical attention and special treatment needed**

- Treat symptomatically.
- Symptoms may be delayed.

**5 Firefighting measures****Extinguishing media**

<b>Suitable extinguishing media</b>	Use extinguishing media suitable for surrounding area.
<b>Unsuitable extinguishing media</b>	There is no restriction on the type of extinguisher which may be used



**Specific hazards arising from the substance or mixture**

- 1 Not combustible, not considered a significant fire risk, however containers may burn.
- 2 May expansion or decompose explosively when heated or involved in fire.

**Advice for firefighters**

- 1 As in any fire, wear self-contained breathing apparatus (MSHA/NIOSH approved or equivalent) and full protective gear.
- 2 Fight fire from a safe distance, with adequate cover.
- 3 Prevent fire extinguishing water from contaminating surface water or the ground water system.

**6 Accidental release measures****Personal precautions, protective equipment and emergency procedures**

- 1 Ensure adequate ventilation. Remove all sources of ignition. Take precautionary measures against static discharges.
- 2 Evacuate personnel to safe areas. Keep people away from and upwind of spill/leak.
- 3 Use personal protective equipment. Avoid breathing vapours, mist, gas or dust.
- 4 Avoid dust formation.

**Environmental precautions**

- 1 Prevent further leakage or spillage if safe to do so.
- 2 Discharge into the environment must be avoided.

**Methods and materials for containment and cleaning up**

- 1 In case of small amount of spillage, use clean non sparking tools to collect absorption materials.
- 2 Contain spillage, and then collect with an electrically protected vacuum cleaner or by wet-brushing and place in container for disposal according to local regulations.
- 3 Pick up and arrange disposal without creating dust. Sweep up and shovel. Keep in suitable, closed containers for disposal.

**7 Handling and storage****Precautions for handling**

- 1 Handling is performed in a well ventilated place.
- 2 Wear suitable protective equipment.
- 3 Avoid contact with eyes.
- 4 Keep away from heat/sparks/open flames/ hot surfaces.
- 5 Avoid inhalation of dust or mist.

**Precautions for storage**

- 1 Keep containers tightly closed.
- 2 Keep containers in a dry, cool and well-ventilated place.
- 3 Keep away from heat/sparks/open flames/ hot surfaces.
- 4 Store away from incompatible materials and foodstuff containers.

**8 Exposure controls/personal protection****Control parameters**

**Others**

**CHALK**

Skin corrosion/irritation	Based on available data, the classification criteria are not met
Serious eye damage/irritation	Based on available data, the classification criteria are not met
Skin sensitization	Based on available data, the classification criteria are not met
Respiratory sensitization	Based on available data, the classification criteria are not met
Reproductive toxicity	Based on available data, the classification criteria are not met
STOT-single exposure	Based on available data, the classification criteria are not met
STOT-repeated exposure	Based on available data, the classification criteria are not met
Aspiration hazard	Based on available data, the classification criteria are not met
Germ cell mutagenicity	Based on available data, the classification criteria are not met
Reproductive toxicity(additional)	Based on available data, the classification criteria are not met

**12 Ecological information**

**Acute aquatic toxicity**

Component	Cas No.	Fish	Crustaceans	Algae
Calcium carbonate	471-34-1	LC <sub>50</sub> : > 10mg/L (96h)(Fish)	No information available	ErC <sub>50</sub> : > 10mg/L (72h)(Algae)

**Chronic aquatic toxicity**

Chronic aquatic toxicity | No information available

**Persistence and degradability**

Component	Cas No.	Persistence (water/soil)	Persistence (air)
Ferric oxide	1309-37-1	Low	Low

**Bioaccumulative potential**

Component	Cas No.	Bioaccumulative potential	comments
Ferric oxide	1309-37-1	Low	Log K <sub>ow</sub> =0.5294

**Mobility in soil**

Component	Cas No.	Mobility in soil	Soil Organic Carbon-Water Partitioning Coefficient (Koc)
Ferric oxide	1309-37-1	Low	23.74

**Results of PBT and vPvB assessment**

Component	Cas No.	Results of PBT and vPvB assessment (according to (EC) No 1907/2006)
Calcium carbonate	471-34-1	not PBT/vPvB
Ferric oxide	1309-37-1	not PBT/vPvB

**13 Disposal considerations**

**Disposal considerations**

Waste chemicals	Before disposal should refer to the relevant national and local laws and regulation. Recommend the use of incineration disposal.
Contaminated packaging	Containers may still present chemical hazard when empty. Keep away from hot and ignition source of fire. Return to supplier for recycling if possible.
Disposal recommendations	Refer to section 13.1 and 13.2.

**14 Transport information**

**Label and Mark**

Transporting Label	Not applicable
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**IMDG-CODE**

IMDG-CODE	NOT REGULATED FOR TRANSPORT OF DANGEROUS GOODS
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**ICAO/IATA-DG**

ICAO/IATA-DG	NOT REGULATED FOR TRANSPORT OF DANGEROUS GOODS
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**UN-ADR**

UN-ADR	NOT REGULATED FOR TRANSPORT OF DANGEROUS GOODS
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**15 Regulatory information**

**International chemical inventory**

Component	EINECS	TSCA	DSL	IECSC	NZIoC	PICCS	KECI	AICS	ENCS
Calcium carbonate	✓	✓	✓	✓	✓	✓	✓	✓	✓
Diiron trioxide	✓	✓	✓	✓	✓	✓	✓	✓	✓

[EINECS] European Inventory of Existing Commercial Chemical Substances

[TSCA] United States Toxic Substances Control Act Inventory

[DSL] Canadian Domestic Substances List

[IECSC] China Inventory of Existing Chemical Substances

[NZIoC] New Zealand Inventory of Chemicals

[PICCS] Philippines Inventory of Chemicals and Chemical Substances

[KECI] Existing and Evaluated Chemical Substances

[AICS] Australia Inventory of Chemical Substances

[ENCS] Existing And New Chemical Substances

**Note**

"✓" Indicates that the substance included in the regulations

"x" That no data or included in the regulations

**16 Others**

**Information on revision**

Creation Date	2017/01/13
Revision Date	2018/08/15
Reason for revision	correct



## Reference

- [1]IPCS The International Chemical Safety Cards (ICSC) ,website: <http://www.ilo.org/cy/lex/showcard/home>
- [2]IARC , website: <http://www.iarc.fr/>
- [3]OECD: The Global Portal to Information on Chemical Substances, website: [http://www.echemportal.org/echemportal/index?pageID=00&request\\_locale=en](http://www.echemportal.org/echemportal/index?pageID=00&request_locale=en)
- [4]CAMEO Chemicals, website: <http://cameochemicals.noaa.gov/search/simple>
- [5]NLM:ChemIDplus, website: <http://chem.sis.nlm.nih.gov/chemplus/chemid/te.jsp>
- [6]EPA: Integrated Risk Information System, website: <http://cfpub.epa.gov/nsw/>
- [7]U.S. Department of Transportation.ERG, website: <http://www.phmsa.dot.gov/hazmat/library/erg>
- [8]Germany GESTIS-database on hazard substance, website: <http://gestis-ven.atust.de/>

## Abbreviations and acronyms

<b>CAS</b> -Chemical Abstracts Service	<b>CMR</b> -Carcinogens, mutagens or substances toxic to reproduction
<b>PC-STEL</b> - Short term exposure limit	<b>PC-TWA</b> - Time Weighted Average
<b>DNEL</b> - Derived No Effect Level	<b>IARC</b> - International Agency for Research on Cancer
<b>RPE</b> - Respiratory Protective Equipment	<b>PNEC</b> -Predicted No Effect Concentration
<b>LC<sub>50</sub></b> - Lethal Concentration 50%	<b>LD<sub>50</sub></b> - Lethal Dose 50%
<b>NOEC</b> - No Observed Effect Concentration	<b>EC<sub>50</sub></b> - Effective Concentration 50%
<b>PBT</b> - Persistent, Bioaccumulative, Toxic	<b>POW</b> - Partition coefficient Octanol:Water
<b>BCF</b> - Bioconcentration factor (BCF)	<b>vPvB</b> - very Persistent, very Bioaccumulative
<b>IMDG</b> -International Maritime Dangerous Goods	<b>ICAO/IATA</b> -International Civil Aviation Organization/International Air Transportation Association
<b>UN</b> -The United Nations	<b>ACGIH</b> -American Conference of Governmental Industrial Hygienists
<b>NFPA</b> -National Fire Protection Association	<b>OECD</b> -Organization for Economic Co-operation and Development

## Disclaimer

This Safety Data Sheet (SDS) was prepared according to UN GHS (the 7th revised edition). The data included was derived from international authoritative database and provided by the enterprise. Other information was based on the present state of our knowledge. We try to ensure the correctness of all information. However, due to the diversity of information sources and the limitations of our knowledge, this document is only for user's reference. Users should make their independent judgment of suitability of this information for their particular purposes. We do not assume responsibility for loss, damage or expense arising out of or in any way connected with the handling, storage, use or disposal of the product.

