



Craft Explosion P/L  
Factory 2, 99 Heyington Ave  
THOMASTOWN Vic 3074  
Tel: 1300 720 493  
Web: Kraftkolour.net.au

## Safety Data Sheet

### NON-Hazardous Substance, NON-Dangerous Goods

#### 1. MATERIAL AND SUPPLY COMPANY IDENTIFICATION

**Product Name:** Orange Pigment  
**Other Names:** Imperon Orange K-GR, Pigment Orange 43, Vat Orange 7  
**Recommended Use:** Pigment colourant for textile paints and inks  
**Supplier:**  
**Company:** Craft Explosion P/L t/a Kraftkolour  
**Street Address:** 2, 99 Heyington Ave  
**Thomastown Vic 3074**  
**Telephone:** +61 (0)3 9465 4865  
**Facsimile:** -  
**E-mail:** [info@kraftkolour.com.au](mailto:info@kraftkolour.com.au)  
**Emergency Numbers:** 13 11 26 POISON INFORMATION CENTRE

#### 2. HAZARDS IDENTIFICATION

##### NON-HAZARDOUS CHEMICAL / NON-DANGEROUS GOODS according to criteria of Safe Work Australia / ADG Code

##### GHS

###### • CLASSIFICATION

**Hazard Class/Category:** None allocated.

###### • LABEL ELEMENTS

**Symbols:** None allocated.

**Signal Word:** None allocated.

**Hazard Statements:** None allocated.

###### Precautionary Statements:

Prevention – None allocated.

Response – None allocated.

Storage – None allocated.

Disposal – None allocated.

###### • OTHER HAZARDS WHICH DO NOT RESULT IN CLASSIFICATION:

No other data available.

**HSNO**

Subclass / Category: None allocated.

**ADG / LTR-DG**

Class: None allocated.

Subsidiary Risk 1: None allocated.

Packing Group: None allocated.

IERG: None allocated.

**3. COMPOSITION/INFORMATION ON INGREDIENTS**

Chemical Identity of Ingredients	CAS No.	Proportion
• Ingredients determined not to be hazardous: Azo Pigment – C.I. Pigment Orange 43	4424-06-0	<80%

Proportion (% weight per weight): VHIGH >60, HIGH 30–60, MED 10–<30, LOW 1–9, VLOW <1

**4. FIRST AID MEASURES****• DESCRIPTION OF NECESSARY MEASURES ACCORDING TO ROUTES OF EXPOSURE**

1st aid responders should consider the use of PPE described in Section 8 to ensure that they do not become a casualty.

**Scheduled Poisons:** Poison Information Centres in each country (or state capitol city) can provide additional assistance.  
AUSTRALIA: 13 11 26. NEW ZEALAND: 0800 764 766.

**Inhalation:** If difficulties occur after vapour/aerosol has been inhaled, remove to fresh air.  
Seek medical attention if effects persist.

**Skin Contact:** Remove all contaminated clothing immediately (launder before re-use). Thoroughly wash contaminated skin with plenty of water and soap, or other non-irritating cleansing agents.

**Eye Contact:** Contamination of the eyes must be treated by thorough irrigation with water for at least 15 minutes, with the eyelids held open.  
A doctor (or eye specialist) should be consulted if irritation develops.

**Ingestion:** Rinse mouth immediately and then drink plenty of water.  
Seek medical attention if you feel unwell.

**First Aid Facilities:** No specific requirements.

**• SYMPTOMS CAUSED BY EXPOSURE**

**Inhalation:** Breathing vapours/fumes may cause coughing and transient shortness of breath.

**Skin Contact:** May cause temporary itching and dryness of skin.

**Eye Contact:** May cause temporary discomfort and redness.

**Ingestion:** May cause gastro-intestinal discomfort, nausea, vomiting.

**• MEDICAL ATTENTION AND SPECIAL TREATMENT**

Treat symptomatically; no special treatment or antidote.

**5. FIRE-FIGHTING MEASURES****• SUITABLE EXTINGUISHING EQUIPMENT**

Water spray, Foam, Dry powder, CO<sub>2</sub>.

**• SPECIFIC HAZARDS ARISING FROM THE CHEMICAL**

None known.

**• SPECIAL PROTECTIVE EQUIPMENT AND PRECAUTIONS FOR FIRE-FIGHTERS**

Hazchem Code: None assigned.

Fire-fighters should wear protective boots, overalls, gloves and goggles. Use water jet to cool containers. Fire residues and contaminated firefighting water must be disposed of in accordance with local regulations.

## 6. ACCIDENTAL RELEASE MEASURES

### ● PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES

Persons responding to accidental release or spills of this product are advised to wear PPE as given in Section 8.  
CAUTION! Slippery when spilt. Prevent entry by non-essential personnel to area.

### ● ENVIRONMENTAL PRECAUTIONS

Do not allow product to enter drains or waterways. Advise authorities if such an event occurs.

### ● METHODS AND MATERIALS FOR CONTAINMENT AND CLEANING UP

Contain the spill, using bunding if required. Cover/plug drains if necessary. For large spills, pump off if possible. Place inert absorbent (sand, dirt or vermiculite) on the spilled product.

Transfer to suitable, labelled, sealable containers by mechanical means (eg: shovel).

Wash away residue with water. Do not flush into drains or waterways.

Dispose of collected product in accordance with instructions in section 13. Do not use sewer for disposal.

## 7. HANDLING AND STORAGE

### ● PRECAUTIONS FOR SAFE HANDLING

Wash hands after use and before eating, drinking, smoking or using toilet.

Remove contaminated clothing & protective equipment before entering eating areas. Observe the usual precautionary measures required for the safe handling of liquid chemicals.

Wear personal protective equipment as given in Section 8 of this SDS. Avoid contact with eyes and skin.

### ● CONDITIONS FOR SAFE STORAGE

Keep containers tightly closed and in a cool place. Protect from extremes of temperature.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

### ● CONTROL PARAMETERS

Avoid breathing vapours or aerosols.

#### ○ Exposure Standards

Occupational Exposure Limits For This Chemical	TWA		STEL		BLV	Notices
	ppm	mg/m <sup>3</sup>	ppm	mg/m <sup>3</sup>		
No exposure standards allocated.	X	X	X	X	X	X

Occupational Exposure Limits For Ingredients	TWA		STEL		BLV	Notices
	ppm	mg/m <sup>3</sup>	ppm	mg/m <sup>3</sup>		
No exposure standards allocated.	X	X	X	X	X	X

X = No data available

TWA – the Time Weighted Average airborne concentration over an eight-hour working day, for a five-day working week over an entire working life.

STEL - (Short Term Exposure Limit) – the average airborne concentration over a 15 minute period which should not be exceeded at any time during a normal, eight-hour, working day. According to current knowledge, these concentrations should neither impair the health of, nor cause undue discomfort to nearly all workers.

BLV - Biological Limit Value.

‘SK’ notice – Absorption through the skin may be a significant source of exposure.

The exposure standard is invalidated if such contact should occur.

These exposure standards are guides to be used in the control of occupational health hazards.

All atmospheric contamination should be kept to as low a level as is workable. Exposure standards should not be used as fine dividing lines between safe and dangerous concentrations of chemicals. They are not a measure of relative toxicity.

If the directions for use on the product label are followed, exposure of individuals using the product should not exceed the above standard. The standard was created for workers who are routinely, potentially exposed during product manufacture.

### ● Biological Monitoring

No biological monitoring required.

### ● ENGINEERING CONTROLS

Maintain air concentration below occupational exposure standards, using engineering controls if necessary.

Good general ventilation should be sufficient to control airborne exposure.

Provide local exhaust ventilation if general ventilation is insufficient.

Engineering controls, such as provision of local exhaust ventilation or containment, should always be implemented before personal protective equipment is necessary.

## ● PERSONAL PROTECTIVE EQUIPMENT



**Eye /Face Protection:** Wear safety glasses with side shields or chemical goggles. Final choice of appropriate eye/face protection will vary according to individual circumstances.

Eye protection devices should conform to AS/NZS 1337 - Eye Protectors for Industrial Applications.

**Respiratory Protection:** None required under usual conditions of use.

Wear an approved respirator if engineering controls are not effective in controlling airborne exposure.



**Gloves:** Wear chemical resistant gloves; recommend nitrile rubber gloves. Check suitability with glove manufacturer. If necessary, test gloves before use.



**Clothing:** Wear suitable protective clothing such as overalls closed at neck and wrists.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance:</b>	Orange liquid
<b>Odour:</b>	slight odour.
<b>Odour Threshold:</b>	Not available.
<b>pH:</b>	7.5 - 8.5 (undiluted)
<b>Freezing Point:</b>	Not available.
<b>Boiling Point /Boiling Range:</b>	Not available.
<b>Flash Point:</b>	Not available.
<b>Evaporation Rate:</b>	Not available.
<b>Flammability:</b>	Not flammable.
<b>Flammability Limits:</b>	Not applicable.
<b>Vapour Pressure:</b>	Not available.
<b>Vapour Density:</b>	Not available.
<b>Relative Density:</b>	1.1 - 1.2. Method : DIN 51757
<b>Solubility:</b>	entirely dispersible in water.
<b>Partition Co-efficient:</b>	n-octanol / water; Not available.
<b>Auto-Ignition Temperature:</b>	Not available.
<b>Decomposition Temperature:</b>	>200°C.
<b>Viscosity:</b>	Not available.
<b>Particle Characteristics:</b>	Not applicable.

## 10. STABILITY AND REACTIVITY

<b>Reactivity:</b>	Will not react or polymerise if stored and handled according to instructions.
<b>Chemical Stability:</b>	Stable under normal ambient and anticipated storage and handling conditions. No thermal decomposition when stored and handled correctly.
<b>Possibility of Hazardous Reactions:</b>	Will not react or polymerise if stored and handled according to instructions.
<b>Conditions to Avoid:</b>	None known.

**Incompatible Materials:** None known.

**Hazardous**

**Decomposition Products:** No hazardous decomposition products if stored & handled as instructed.

## 11. TOXICOLOGICAL INFORMATION

**Skin contact:** Contact with skin may result in irritation.

**Ingestion:** Swallowing can result in nausea, vomiting and irritation of the gastrointestinal tract.

**Eye contact:** May be an eye irritant.

**Acute toxicity**

**Inhalation:** This material has been classified as not hazardous for acute inhalation exposure. Acute toxicity estimate (based on ingredients): LC50 > 20.0 mg/L for vapours or LC50 > 5.0 mg/L for dust and mist.

**Skin contact:** This material has been classified as not hazardous for acute dermal exposure. Acute toxicity estimate (based on ingredients): LD50 > 2,000 mg/Kg bw

**Ingestion:** This material has been classified as not hazardous for acute ingestion exposure. Acute toxicity estimate (based on ingredients): LD50 > 2,000 mg/Kg bw

**Corrosion/Irritancy:** Eye: this material has been classified as not corrosive or irritating to eyes. Skin: this material has been classified as not corrosive or irritating to skin.

**Sensitisation:** Inhalation: this material has been classified as not a respiratory sensitiser. Skin: this material has been classified as not a skin sensitiser.

**Aspiration hazard:** This material has been classified as not an aspiration hazard.

**Specific target organ toxicity (single exposure):** This material has been classified as not a specific hazard to target organs by a single exposure.

**Chronic Toxicity**

**Mutagenicity:** This material has been classified as not a mutagen.

**Carcinogenicity:** This material has been classified as not a carcinogen.

**Reproductive toxicity (including via lactation):** This material has been classified as not a reproductive toxicant.

**Specific target organ toxicity (repeat exposure):** This material has been classified as not a specific hazard to Target organs by repeated exposure.

## 12. ECOLOGICAL INFORMATION

**Physico-chemical eliminability:** not determined

**Biodegradability:** > 70 % (Colour decrease)

Method : Batch method

Analysis method:, Photometry

**Biodegradability :**

If regulations are followed when introducing effluent into biological waste water treatment plants, no adverse effect on the degradation activity of activated sludge is to be expected.

**Behaviour in environmental compartments:** not determined

**Fish toxicity:** LC50 > 100 mg/l (48 h, *Leuciscus idus*)

Method: OECD 203

Daphnia toxicity: not determined

**Algae toxicity:** not determined

**Bacteria toxicity:** EC50 > 100 mg/l (0.5 h, activated sludge)

Method : DIN/EN/ISO 8192

**Dissolved Organic carbon (DOC):** not determined

**Chemical oxygen demand (COD):** not determined

**Biochemical oxygen demand (BOD5):** not determined

**Remarks:** The data is based on the toxicological properties of the components of the product.  
Product does not add to the AOX-value of the sewage. (DIN EN 1485)  
The product does not contain heavy metals in concentrations of concern for waste water.  
The product does not release nitrogen which can contribute to eutrophication.

### 13. DISPOSAL CONSIDERATIONS

The product does not contain phosphates or organophosphorus compounds.

- **DISPOSAL METHODS**

All persons conducting reclamation, recycling or disposal activities with this material should refer to Section 8 of this SDS for information on exposure controls and required PPE.

Containers for disposal should be constructed of similar material to the original containers, if possible.  
Use metal, polypropylene or polyethylene containers if unsure.

Do not use un-lined metal containers if material is corrosive to metals.

Consult Sections 7, 10 and 14 for further information in order to determine suitable containers.

If utilisation or recycling of product is not possible, it should be disposed of, in accordance with local regulations and laws, e.g. at an authorised incineration plant or special waste disposal site. Do not use sewer for disposal.

- **CONTAMINATED PACKAGING**

Contaminated packaging should be emptied as much as possible and may be re-used after appropriate cleaning with water and soap/detergent. Packaging that cannot be cleaned should be disposed of as for the product.

- **ENVIRONMENTAL REGULATIONS**

Do not use sewer for disposal; causes colour change.

### 14. TRANSPORT INFORMATION

- **ROAD AND RAIL TRANSPORT**

Not classified as Dangerous Goods by the criteria of the "Australian Code for the Transport of Dangerous Goods by Road & Rail.

- **MARINE TRANSPORT**

Not classified as Dangerous Goods by the criteria of the International Maritime Dangerous Goods Code (IMDG Code) for transport by sea.

- **AIR TRANSPORT**

Not classified as Dangerous Goods by the criteria of the International Air Transport Association (IATA) Dangerous Goods Regulations for transport by air.

### 15. REGULATORY INFORMATION

- All the constituents of this chemical are listed on the Australian Inventory of Chemical Substances (AICS).
- Poisons Schedule (SUSDP): Not a scheduled poison.
- All the constituents of this chemical are listed on the New Zealand Inventory of Chemicals (NZIC).

### 16. OTHER INFORMATION

Prepared in accordance with:

- Preparation of Safety Data Sheets for Hazardous Chemicals - Code of Practice [SWA: February 2016].

Reason for issue:      Update

This SDS summarises our best knowledge of the health and safety hazard information of the product and how to safely handle and use the product in the workplace. Each user should read this SDS and consider the information in the context of how the product will be handled and used in the workplace, including in conjunction with other products. Craft Explosion P/L cannot anticipate or control the conditions under which this information may be used. Each user should review the information in the specific context of the

intended application. Craft Explosion P/L will not be responsible for damages of any nature resulting from the use of or reliance upon this information. No expressed or implied warranties are given other than those implied by Commonwealth, State or Territory Legislation.

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ISSUE DATE: 15<sup>th</sup> Dec 2022 CRAFT EXPLOSION P/L (03) 9465 4865

END of SDS