



Kraftkolour
Factory 2, 99 Heyington Ave
THOMASTOWN Vic 3074
Tel: 1300 720 493
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SAFETY DATA SHEET

SECTION 1: Identification of the substance/preparation and company

1.1 Product identifier

Scarlet Pigment

1.2 Relevant Identified uses of the substance or mixture and uses advised against

Use: Textile auxiliary. Aqueous pigment dispersion

1.3 Details of the supplier of the safety data sheet

Craft Explosion P/L t/a Kraftkolour
U2,99 Heyington Ave
THOMASTOWN, Vic 3074
Tel: 03 9465 4865
Email: info@kraftkolour.com.au
Website: www.kraftkolour.net.au

1.4 Emergency telephone numbers (transport and spill emergencies only)

03 9465 4865 (Mon-Friday 9:00am – 4:30pm)
POISON INFORMATION CENTRE (Aust): 13 11 26

SECTION 2: Hazards identification

2.1 Classification of the Substance or Mixture

According to GHS

May cause an allergic skin reaction.

Classification of the Substance or Mixture

Respiratory or skin sensitization: Skin Sensitization, Cat. 1A

2.2 Label elements

Pictograms:

Exclamation mark



Signal word:

Warning

contains:

2-methyl-2H-isothiazol-3-one
1,2-Benzisothiazol-3(2H)-one
Glutaral

Hazard Statements:

H317 May cause an allergic skin reaction.

Precautionary Statements (Prevention):

P261 Avoid breathing dust/fume/mist/vapours/spray.
P272 Contaminated work clothing should not be allowed out of the workplace.
P280 Wear protective gloves/protective clothing/eye protection/face protection.

Precautionary Statements (Response):

P302+P352 IF ON SKIN: Wash with plenty of soap and water.
P333+P313 If skin irritation or rash occurs: Get medical advice/attention. P363
Wash contaminated clothing before reuse.

Precautionary Statements (Storage):**Precautionary Statements (Disposal):**

P501 Dispose of contents/container to waste treatment in accordance with national regulations.

2.3 Other hazards

Not applicable

SECTION 3: Composition/information on ingredients

3.1 Substances

Not applicable

3.2 Mixtures**Chemical characterization:** Azo pigment preparation**Hazardous Ingredients (GHS) according Regulation (EC) 1272/2008**

| | | | |
|------------------------------|------------------|---------------------------|------|
| 2-methyl-2H-isothiazol-3-one | | | |
| Content: | < 0.01 % | Acute Tox. 2 (inhalation) | H330 |
| EC Number | 220-239-6 | Acute Tox. 3 (dermal) | H311 |
| CAS number: | 2682-20-4 | Acute Tox. 3 (oral) | H301 |
| REACH registr. no. | 01-2120764690-50 | Skin Corr. 1B | H314 |
| | | Skin Sens. 1A | H317 |
| | | Aquatic Chronic 1 | H410 |
| 1,2-Benzisothiazol-3(2H)-one | | | |
| Content: | < 0.01 % | Acute Tox. 4 (oral) | H302 |
| EC Number | 220-120-9 | Skin Irrit. 2 | H315 |
| CAS number: | 2634-33-5 | Skin Sens. 1B | H317 |
| REACH registr. no. | 01-2120761540-60 | Eye Dam. 1 | H318 |
| | | Aquatic. Acute 1 | H400 |
| glutaral | | | |
| Content: | < 0.1 % | AcuteTox. 2 (inhalation) | H330 |
| EC Number | 203-856-5 | Acute Tox. 3 (oral) | H301 |
| CAS number: | 111-30-8 | STOT SE 3 | H335 |
| | | Skin Corr. 1B | H314 |
| | | Resp. Sens. 1B | H334 |
| | | Skin Sens. 1A | H317 |
| | | Aquatic. Acute 1 | H400 |
| | | Aquatic Chronic 2 | H411 |

SECTION 4: First aid measures

4.1 Description of first aid measures

General information: Take off immediately all contaminated clothing.

After inhalation: Upon inhalation of aerosol/vapour/dust: Take the patient into the fresh air; if there is difficulty in breathing, medical advice is required.

After contact with skin: Remove all contaminated clothing immediately. Cleansing with plenty of water, soap or other non-irritating cleansing agents. If skin reactions occur, contact a physician.

After contact with eyes: Contamination of the eyes must be treated by thorough irrigation with water, with the eyelids held open. Eventually a doctor (or eye specialist) should be consulted.

After ingestion: If the product is swallowed, the patient must at once drink water repeatedly, if possible with the addition of activated carbon. If the patient feels unwell, seek medical advice.

4.2 Most important symptoms and effects, both acute and delayed

Please see hazard statements in section 2.2 if given and information in this section if stated.

4.3 Indication of any immediate medical attention and special treatment needed

Please see precautionary statements in section 2.2 as well as first aid information in this section if stated.

SECTION 5: Fire-fighting measures

5.1 Extinguishing media

Suitable extinguishing media: Water spray, CO₂, foam, dry powder. Extinguishing media that must not be used for safety reasons: not determined

5.2 Special hazards arising from the substance or mixture

not determined

5.3 Advice for firefighters

Special protective equipment for firefighting: Firemen have to wear self-contained breathing apparatus.

Further information: Fire residues and contaminated firefighting water must be disposed of in accordance with the local regulations.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Personal precautions: Use the necessary personal protection equipment during any work.

6.2 Environmental precautions

Environmental precautions: Do not empty into drains or waters.

6.3 Methods and material for containment and cleaning up

Methods for cleaning up/taking up: Take up with absorbent material and fill into a closable container.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Advice on safe handling: Close container immediately after use, avoid excessive heat.
Do not allow to dry out.

Advice on protection against fire and explosion: No special measures against fire or explosion required.

7.2 Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels : - sensitive to frost -
In case of the product becoming opaque, thickening or being frozen due to the effects of cold, it can at room temperature be slowly allowed to thaw out and after a short stirring time is once again ready for use.

Storage class: 10 Combustible liquids not listed in class 3A or 3B.
Storage stability: Storage period: 24 months

7.3 Specific end use(s)

Not determined

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Ingredients with occupational exposure limits to be

monitored contains: **glutaral**

SWA values: TWA 0.05 ppm* / 0.2 mg/m³*

contains: **1,2-propylene glycol (propane-1,2-diol)**

SWA values: vapour & particulates: TWA 150 ppm / 474 g/m³.
particulates only: TWA 10mg/m³.

8.2 Exposure controls

General protective measures: Do not breathe vapour/spray. Avoid contact with eyes and skin. Take off immediately all contaminated clothing.

Hygiene measures: Do not eat, drink or smoke at work.
Wash hands before breaks and at end of work and use skin-protecting ointment. Keep away from food and drink stuffs.

Respiratory protection: combination filter, e.g. DIN 3181 ABEK, if product forms vapours.

Hand protection: Wear suitable gloves e.g. of PVC or nitrile rubber. In the event of contamination, change protective gloves immediately. Avoid skin contact with the wetted surfaces of the protective gloves.

Eye protection: safety glasses with side protection shield

Body protection: Wear protective clothing.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

| | |
|---|--------------------------------|
| Form: | liquid |
| Colour: | Red |
| Odour: | odourless |
| Melting point: | not determined |
| Boiling point: | not determined |
| Flash point: | > 110 °C |
| Ignition temperature: | > 460 °C |
| Flammability: | not determined |
| Lower explosion limit: | not determined |
| Upper explosion limit: | not determined |
| Vapour pressure: | not determined |
| Density: | approx. 1.05 g/cm ³ |
| Solubility in water: | miscible |
| pH value: | approx. 6 - 9 |
| Octanol/water partition coefficient (log not determined Pow): | |
| Viscosity : | 80 – 500 mPa.s |
| Viscosity (kinematic) : | not determined |
| Viscosity (flow time) : | not determined |

9.2 Other information

| | |
|-----------------------|----------------|
| Combustion number: | not determined |
| Dust explosion class: | not determined |
| Bulk density: | not determined |

SECTION 10 Stability and reactivity

10.1 Reactivity

No hazardous reactions when stored and handled according to prescribed instructions.

10.2 Chemical stability

Thermal decomposition: No thermal decomposition when stored and handled correctly.

10.3 Possibility of hazardous reactions

Hazardous reactions: If heated above 200 °C formation of 3,3'-dichlorobenzidine may occur.
Substance in the list of MAK values, section III category 2

Hazardous decomposition products: not applicable

10.4 Conditions to avoid

For avoidable conditions: not necessary

10.5 Incompatible materials

For avoidable materials: not necessary

10.6 Hazardous decomposition products

not applicable

SECTION 11 Toxicological information

11.1 Information on toxicological effects

| | |
|----------------------------|--|
| Acute oral toxicity: | LD50 > 2,000 mg/kg (rat) |
| Acute inhalation toxicity: | not determined |
| Acute dermal toxicity: | LD50 > 2,000 mg/kg (rat) |
| Irritant effect on skin: | non-irritant (rabbit) |
| Irritant effect on eyes: | non-irritant (rabbit eye) |
| Sensitization: | May cause an allergic skin reaction. |
| Repeated dose toxicity: | 1,000 mg/kg- (rat) NOAEL Method : oral |
| Mutagenicity: | No indication of mutagenic effects. |
| Teratogenicity: | No indication of teratogenic effects. |
| Carcinogenicity: | According to animal experiments, no indications of carcinogenic effects. |

Remarks: The data is based on the toxicological properties of the components of the product.

SECTION 12 Ecological information

12.1 Toxicity

| | |
|--------------------|---|
| Fish toxicity: | LC50 > 100 mg/l (96 h, Brachydanio rerio) |
| Daphnia toxicity: | EC50 > 100 mg/l (48 h, Daphnia magna) |
| Algae toxicity: | NOEC 1 mg/l (72 h, Desmodesmus subspicatus) |
| Bacteria toxicity: | NOEC 1000 mg/l (3h activated sludge) |

Remarks: This Product may add 2.5% to the AOX-value of the sewage. (DIN 30849)
The product does not contain in concentrations of heavy metals of concern for wastewater.
The product does not release nitrogen which can contribute to eutrophication.
The product does not contain phosphates or organophosphorus compounds.

12.2 Persistence and degradability

Physico-chemical eliminability: not determined

Biodegradability: < 10 %
Method : (BOD5:COD) x 100

Biodegradability: As the product is practically insoluble in water, it is separated in almost any filtration and sedimentation process , 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

Dissolved Organic carbon (DOC): not determined

Chemical oxygen demand (COD): approx. 960 mg/g
Method: calculated

Biochemical oxygen demand (BOD5): approx. 70 mg/g

12.3 Bioaccumulative potential

not determined

12.4 Mobility in soil

not determined

12.5 Results of PBT and vPvB assessment

not determined

12.6 Other adverse effects

not determined

SECTION 13 Disposal considerations

13.1 Waste treatment methods

Product: If utilization or recycling of the product is not possible, it should be disposed of according to the local regulations and laws, e.g. by incineration in a suitable plant.

European Waste Catalogue (EWC) code: 040216 Dyestuffs and pigments containing dangerous substances

Uncleaned packaging: Soiled, empty containers are to be treated in the same way as the contents.

SECTION 14 Transport information

| | |
|--------|-------------------------------------|
| ADG7 | Non-dangerous goods |
| ADNR | Non-dangerous goods |
| RID | Non-dangerous goods |
| IMDG | Non-dangerous goods |
| IATA_C | Non-dangerous goods – Not regulated |
| IATA_P | Non-dangerous goods – Not regulated |

14.1 UN number

Not applicable

14.2 UN proper shipping name

See above entry at the respective regulation.

14.3 Transport hazard class(es)

See above entry at the respective regulation.

14.4 Packing group

See above entry at the respective regulation.

14.5 Environmental hazards

See above entry at the respective regulation.

14.6 Special precautions for user

Keep separated from foodstuffs.
Avoid temperatures below - 20°C.

14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

No transport in bulk according to Annex II of MARPOL 73/78 and the IBC code foreseen for this substance or mixture.

SECTION 15 Regulatory information

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

TA-Luft (Ger.) : number/class : not determined

Water Hazard Class (Ger.): WGK 1 - slightly hazardous to water WGK = Classification in accordance with the German Water Resources Act Annex 1 AwSV (Germany) from April, 18th 2017

AUSTRALIA

The ingredients of this product are listed on AIIC. SUSMP: The product is not a scheduled poison

SECTION 16 Other information

Text of all shortcuts referred to in sections 2 and 3:

| | |
|------|--|
| H301 | Toxic if swallowed. |
| H302 | Harmful if swallowed. |
| H311 | Toxic in contact with skin. |
| H314 | Causes severe skin burns and eye damage. |
| H315 | Causes skin irritation. |
| H317 | May cause an allergic skin reaction. |
| H318 | Causes serious eye damage. |
| H319 | Causes serious eye irritation. |
| H330 | Fatal if inhaled. |
| H334 | May cause allergy or asthma symptoms or breathing difficulties if inhaled. |
| H335 | May cause respiratory irritation. |
| H400 | Very toxic to aquatic life. |
| H410 | Very toxic to aquatic life with long lasting effects. |
| H411 | Toxic to aquatic life with long lasting effects. |

| | |
|---------------------|--|
| Aquatic. Acute 1 | Hazardous to the aquatic environment: Acute Category 1 |
| Acute Tox. 2 | Acute Toxicity: Cat 2 (inhalation) |
| Acute Tox. 3 | Acute Toxicity: Cat 3 (dermal) |
| Acute Tox. 3 (oral) | Acute Toxicity: Cat. 3 (oral) |
| Acute Tox. 4 (oral) | Acute Toxicity: Cat. 4 (oral) |
| Carc. 1B | Carcinogenicity, Hazard Category 1B |
| Aquatic Chronic 1 | Hazardous to the aquatic environment: Chronic Category 1 |
| Aquatic Chronic 2 | Hazardous to the aquatic environment: Chronic Category 2 |
| Eye Dam. 1 | Serious eye damage/eye irritation: Irreversible effects on the eye, Cat. 1 |
| Skin Sens. 1B | Respiratory or skin sensitization: Skin Sensitization, Cat. 1B |
| Skin Sens. 1A | Respiratory or skin sensitization: Skin Sensitization, Cat.1A |
| Skin Corr. 1B | Skin corrosion/irritation: Corrosive, Cat. 1B |
| Skin Irrit. 2 | Skin corrosion/irritation: Irritant, Cat. 2 |
| STOT SE 3 | Specific target organ toxicity — Single exposure, Category 3 |

Further information

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.

Health and safety precautions and environmental advice noted in this data sheet may not be accurate for all individuals and/or situations. It is the user's obligation to evaluate and use this product safely and to comply with all applicable laws and regulations. No statement made in this data sheet shall be construed as a permission, recommendation or authorization, given or implied, to practise any patented invention without a valid license.

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