

MATERIAL SAFETY DATA SHEET
Acid Red 52 CI 45100
WATER SOLUBLE COLOUR POWDER



1. Identification of Substance, Preparation and Company

Product Name: Acid Red 52 CI 45100
Company Name: Bathbomb.biz limited
Company Address: Unit 4 Bessemer Park
Bessemer Road
Basingstoke
Hampshire
RG21 3NB
Emergency Phone Number: 01256 474889

2. Composition Information on Ingredients

Chemical Characterisation: Xanthene
Substance: Acid Red 52
Content:
CAS No: 3520-42-1
Symbol.:
Risk Phrases:

3. Hazards Identification

Not classified as hazardous to the user or environment

4. First Aid Measures

Immediate Medical Attention Required? No
Assistance from physician required? No
Inhalation Treatment: Remove from exposure site to fresh air. If symptoms persist seek medical attention immediately
Skin Contact: Wash with soap and water
Eye Contact: Irrigate eye and eyelid with sterile water, seek medical attention if any reaction occurs
Ingestion: If large amounts are swallowed seek medical attention.



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5. Fire Fighting Measures

Suitable extinguishing media:	Water, foam, carbon dioxide, dry powder
Unsuitable extinguishing media:	None
Special exposure hazards in fire:	May form hazardous decomposition products
Protective equipment for fire fighters	Self contained breathing apparatus should be worn

6. Accidental Release Measures

Personal precautions:	Wear suitable gloves and protective overalls
Environmental precautions:	Do not allow to contaminate water courses.
Methods for cleaning:	Sweep up and transfer into suitable containers for disposal

7. Handling and Storage

Handling	Handle in accordance with good industrial hygiene practices and conform to any legal requirements
Storage:	Store in a cool dry place. Protect from humidity and heat effect. Keep away from incompatible substances, see section 10. Wear personal protective clothing, see section 8 Avoid production of dust

8. Exposure Controls / Personal Protection

Take measures to prevent Exposure controls limits and sources	Dust Total inhalable dust = 10mg/m ³ 8hr TWA Respirable dust = 4mg/m ³ 8hr TWA Source – HSE EH40
Respiratory protection:	Dust mask / respirator.
Hand protection:	Wear suitable gloves
Skin protection :	Wear suitable protective clothing
Eye protection:	Wear face / eye protection



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9. Physical and Chemical Properties

Appearance:	Red Powder
Odour:	None
pH at 1.0 g/l	2.0 – 3.0
Solubility in Water @ 80 °C	40 g/l
Thermal Decomposition:	>270 °C

10. Stability and Reactivity

Conditions to avoid:	None
Materials to avoid:	None
Hazardous decomposition products	If involved in a fire, flammable or noxious fumes may be involved

11. Toxicological Information

Acute oral toxicity (LD50):	>2000 mg/Kg – rat
Skin irritation :	Non irritant – rabbit
Eye irritation	Non irritant – rabbit
Skin sensitisation	None known
Other information	

12. Ecological Information

Bioelimination:	50 - 100% - some removal by absorption onto activated sludge
Bacterial toxicity – activated sludge:	>100 mg/l
Fish Toxicity	>500 mg/l Rainbow Trout 48 hrs
Environmental Effects	Dyes of this type are not readily biodegradable, but due to their high water solubility no bioconcentration is expected
Organo halogen content	BOD5 COD TOC 50-100%

13. Disposal Considerations

Likely residues / waste:	None
Safe handling of any residues / waste	Remove the product in a closed container to a suitable waste disposal or incineration plant, in accordance with local regulations.



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14. Transport Information

Transport Information: Not classified as dangerous for carriage

15. Regulatory Information

Hazard Information:
Safety Information S20 / 21 When using do not eat, drink or smoke
S36 / 37 / 39 Wear suitable protective clothing, gloves and eye / face protection.

16. Other Information

Intended Use: Technical grade dye intended for use in industrial colouration.

This product should be stored, handled and used in accordance with good industrial hygiene practices and in conformity with legal regulations.

The data provided in this material safety data sheet is meant to represent typical data/analysis for this product and is correct to the best of our knowledge. The data was obtained from current and reliable sources, but is supplied without warranty, expressed or implied, regarding its' correctness or accuracy. It is the user's responsibility to determine safe conditions for the use of this product, and to assume liability for loss, injury, damage or expense arising from improper use of this product. The information provided does not constitute a contract to supply to any specification, or for any given application, and buyers should seek to verify their requirements and product use..

Should you have any questions relating to the use of this product, please contact bathbomb.biz Ltd either by phone (01256 474889) or by email (fizzy@bathbomb.biz) .

