

SAFETY DATA SHEET

Eco Colour Liquid Food Dyes, Craft Use Only - Assorted colours

1. IDENTIFICATION

Product: **Eco Colour Liquid Food Dyes**, assorted colours
Yellow, Orange, Red, Pink, Brill Blue (Turquoise), Green & Violet.

Uses: **Craft Dye Colourant**. **NOT MANUFACTURED FOR USE AS A FOOD ADDITIVE or FOOD COLOURANT.**

SUPPLIER CONTACT & EMERGENCY TELEPHONE NUMBERS:

Supplier: Craft Explosion P/L t/a Kraftkolour
Street Address: Factory 2, 99 Heyington Ave
THOMASTOWN, Vic 3074 Australia
Telephone: +61 (3) 9465 4865
Facsimile: -

Emergency Telephone number: 03 9465 4865 or

13 11 26 Poison Information Centre (Aust)

2. HAZARDS IDENTIFICATION

Not classified as Hazardous according to criteria of the National Occupational Health & Safety Commission, Australia (Worksafe Aust).

Not classified as Dangerous Goods according to the Australian Code for the Transport of Dangerous Goods by Road and Rail.

Hazard Classification: Non-Hazardous.

Potential Acute Health Effects: Possible irritant in cases of skin contact, eye contact, ingestion and inhalation.

Potential Chronic Health Effects:

CARCINOGENIC EFFECTS: (Not classifiable for human.) by IARC.

MUTAGENIC EFFECTS: Not available.

TERATOGENIC EFFECTS: Not available.

DEVELOPMENTAL TOXICITY: Not available.

Additional Hazards:

If swallowed some of these dyes may have an allergic reaction in some people with an aspirin intolerance possibly causing gastric upset, diarrhea, vomiting and migraines.

Symptoms caused by exposure:

Inhalation: May cause respiratory irritation

Skin Contact: May cause skin irritation. May cause allergic skin reaction

Eye Contact: May cause eye irritation

Ingestion: May cause gastrointestinal irritation

3. COMPOSITION/INFORMATION ON INGREDIENTS.

Eco Colour food dye liquids are made from purified colours for use in a variety of food, drug, and cosmetic applications. These products include U.S. Certified Organic Colorants, Purified Inorganic Colorants, and Non-Certified Organic Colorants, and are produced to the highest purity standards possible. All food colours are

dissolved in water, less than 0.01% Biocide is added to control biocide growth and a small amount of a natural thickener. Less than 0.01 % Lemon fragrance is added to achieve a uniform odour.

This product is not considered to be a hazardous substance as defined under OSHA's Hazard Communication Standard (29 CFR 1910.1200).

PRODUCT TECHNICAL INFORMATION

FOOD COLOURS used to make Liquids.

Tartrazine	<10%	1934-21-0	E102
Brilliant Blue FCF	<7%	3844-45-9	E133
Erythrosine	<7%	16423-68-0	E127
Allura Red	<10%	25956-17-6	E129
Sunset yellow	<9%	2783-94-0	E110
Black PN	<8%	2519-30-4	E151
Grapeskin Extract	<9%	11029-12-2	E163

(Anthocyanins: Grapeskin, Black Currant or Black Goji Berry Extract)

ADDITIVES per Litre

Citric Acid	<1%	77-92-9
Lemon Fragrance	<0.01%	
Biocide	<0.01%	
Xantham Gum	<0.5%	11138-66-2
Water	90-95%	7732-18-5

4. FIRST AID

EYE CONTACT: Check for and remove any contact lenses. In case of contact, immediately flush eyes with plenty of water for at least 15 minutes, keep moving upper and lower eyelids occasionally. Cold water may be used. Get medical attention.

SKIN CONTACT: In case of contact, immediately flush skin with plenty of water and soap for at least 15 minutes. Cover the irritated skin with an emollient. Remove contaminated clothing and shoes. Cold water may be used. Wash clothing before reuse. Thoroughly clean shoes before reuse. Get medical attention.

Serious Skin Contact:

Wash with a disinfectant soap and cover the contaminated skin with an anti-bacterial cream. Seek medical attention.

INHALATION: Inhalation hazard unlikely as preparation is a liquid with no obvious vapour, except lemon scent. If inhaled, remove to fresh air. Seek medical advice if effects persist.

Serious Inhalation: Not available.

INGESTION: Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. If large quantities of this material are swallowed, call a physician immediately. Loosen tight clothing such as a collar, tie, belt or waistband.

Serious Ingestion: Not available.

5. FIRE FIGHTING MEASURES

Flammability: Non-flammable aqueous emulsion. After water evaporates the residue will burn.

Extinguishing Media: SMALL FIRE: Use DRY chemical powder.

LARGE FIRE: Use water spray, fog or foam. Do not use water jet.

Special Fire-Fighting Procedures: Self-contained breathing apparatus (SCBA) and full protective equipment recommended.

Unusual Fire and Explosion Hazards: Not Available

Flammability Data

Flash Point: Not applicable, aqueous system

Flammability Limits: Not applicable

Auto ignition Temperature: Not applicable

Dust Cloud Ignition Temperature: Not applicable

Dust Layer Ignition Temperature: Not applicable

6. ACCIDENTAL RELEASE MEASURES

Small Spill: For dry powder spills, inert materials such as sand may be added to control dusting prior to clean up. Industrial grade vacuum sweepers are also recommended. Place spilled material into appropriate waste containers for disposal. Consult with local, state and federal regulations. Post removal clean area with water.

Large Spill: Contain spilled material immediately with an inert substance such as sand or earth. Use plastic or aluminium shovel to transfer diluted waste material into appropriate containers for disposal. Consult with local, state and federal regulations. Post removal clean area with water. Use proper protective equipment

7. HANDLING AND STORAGE

Handling: Wear appropriate protective equipment to prevent inhalation, skin and eye contact. Follow advice under "Personal Protection".

Storage: Keep container tightly closed and store in a moderately cool, dry, well-ventilated area away from direct sources of heat. Empty containers may contain product residues and should be handled appropriately. Position containers so that any labelling information is visible.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Controls Use process enclosures, local exhaust ventilation, or other engineering controls to keep airborne levels below recommended exposure limits

Personal Protection Use with good industrial hygiene and adequate ventilation. Respiratory protection is not considered necessary, however OSHA/NIOSH approved respirator should be used in poorly ventilated areas. Avoid skin contact and eye contact by wearing rubber/PVC gloves, goggles and overalls. Always wash hands after use. Do not eat, smoke or drink when handling chemicals

Exposure Limits National Exposure Standards: No exposure standards have been established for the mixture by the Australian National Occupational Health & Safety Commission (NOHSC) or the Occupational Safety and Health Service (OSH) of the New Zealand Department of Labour. However, over-exposure to some industrial chemicals may result in enhancement of pre-existing adverse medical conditions and/or allergic reactions and should be kept to the least possible levels.

Biological Limits: None allocated

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance/Odour: Various coloured viscous liquids with a mild odour.

Specific Gravity at 20°C (H₂O=1): Colours: approx. 1.0g/cm³,

Flammability Limits: Not applicable (aqueous system)

Flash Point: Not applicable

Solubility in Water (g/l) at 20°C: Miscible in all proportions

pH (20% SOLUTION): 6.5 – 8.5

Boiling Point (°C): 100

Viscosity at 30°C: Low/Medium

10. STABILITY AND REACTIVITY

Stability: Stable under normal temperatures and pressures

Instability Temperature: Not available.

Conditions of Instability: Excess heat, excess dust generation, incompatible materials

Incompatible substances: Strong reducing agents, decolourising agents, strong acids and alkalis.

Hazardous Decomposition Products: Not available

Corrosive Qualities: Not available

Special Remarks on Reactivity: Not available.

Special Remarks on Corrosive Qualities: Not available.

Polymerization: Will not occur.

11. TOXICOLOGICAL INFORMATION

Routes of Entry: Eye contact, Ingestion, Skin Contact

Toxicity ORAL LD₅₀ (rat) **NOT TESTED** > 5,000 mg/kg.

This product has not been tested. Data/statements are calculated/derived from the toxicological properties of the ingredients.

Special Remarks on other Toxic Effects on Humans:

Acute Potential Health Effects:

Skin: May cause skin irritation in some people.

Eyes: May cause eye irritation in some people.

Inhalation: Inhalation hazard unlikely as preparation is a liquid with no obvious vapour, except lemon scent.

Ingestion: May cause digestive tract irritation.

The toxicological properties of this substance have not been fully investigated

12. ECOLOGICAL INFORMATION

Ecotoxicity: No data available.

BOD5 and COD: No data available

Products of Biodegradation: Potentially hazardous short term degradation problems are not likely.

However, long term degradation products may arise.

Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water

Toxicity of the Products of Biodegradation: No data available.

Physical: No information available. Do not allow large quantities of product to reach ground water, water course or sewage system

13. DISPOSAL CONSIDERATIONS

Spills & Disposal: In event of a major spill, prevent spillage from entering drains or water course. Wear full protective clothing including self-contained breathing apparatus. Stop leak if safe to do so, and contain spill. Sweep up and shovel or collect recoverable product into labelled containers for recycling or salvage. Recycle containers wherever possible. After spills, wash area, preventing runoff from entering drains. If material enters drains, advise emergency services. This material may be suitable for approved landfill.

Disposal: Dispose of product in compliance with local, state and federal regulations. Launder all contaminated clothing before re-use.

14. TRANSPORT INFORMATION

UN NUMBER	Not regulated
PROPER SHIPPING NAME	Not regulated
DANGEROUS GOODS CLASS	Not regulated
PACKING GROUP	Not regulated
MARINE POLLUTANT	No

Not classified as Dangerous Goods according to the Australian Code for the Transport of Dangerous Goods by Road and Rail.

15. REGULATORY INFORMATION

Australia: Not classified as Hazardous according to criteria of National Occupational Health & Safety Commission (NOHSC), Australia.

Poisons Schedule: Not Scheduled

AICS (Australia): All components of this product are listed on the Australian Inventory of Chemical Substances

Data Sources/References: Supplier – Safety Data Sheet. ALL COLOUR SUPPLIES.

Abbreviations: (N/A, NOT APPL. = Not Applicable)

16. OTHER INFORMATION

Reason for issue: Format change

Safety Data Sheets are updated frequently. Please ensure that you have a current copy.

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.

Craft Explosion P/L shall not be responsible for any damage or injury resulting from: abnormal use of the chemical; any failure to adhere to recommendations; any hazards inherent in the nature of the chemical. Craft Explosion P/L expressly disclaims that the SDS is a representation or guarantee of the chemical specifications for the product.

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