

Safety Data Sheet

Disperse Sky Blue

1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

1.1 Product identifier

Product name DISPERSE SKY BLUE

1.2 Other means of identification

Synonym(s) C.I. Disperse Dye Preparation

Molecular Formula: Mixture: Disperse Blue 60 & Disperse Blue 56

1.3 Recommended use of the chemical and restrictions on use

Use(s) Textile colorant

1.4 Details of the supplier

Supplier name CRAFT EXPLOSION P/L t/a KRAFTKOLOUR
Address Factory 2, 99 Heyington Ave, THOMASTOWN, Vic, AUST, 3074
Telephone (03) 9465 4865
Facsimile -
Email info@kraftkolour.com.au
Website www.kraftkolour.net.au

1.5 Emergency telephone number(s)

Emergency POISONS INFORMATION AUST: 13 11 26

2. HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

CLASSIFIED AS HAZARDOUS ACCORDING TO SAFE WORK AUSTRALIA CRITERIA

GHS classification SKIN IRRITATION (Category 2)
EYE IRRITATION (Category 2)
SPECIFIC TARGET ORGAN TOXICITY - single exposure (Category 3)
RESPIRATORY SKIN SENSITIZATION: Category 1B

2.2 Label elements

Signal word WARNING

Pictograms



Hazard statement(s) H303 May be harmful if swallowed.
H313 May be harmful in contact with skin.
H317 May cause an allergic reaction.

Precautionary statement(s) P261 Avoid breathing dust.
P264 Wash skin thoroughly after handling.
P271 Use only outdoors or in a well-ventilated area.
P280 Wear protective gloves/eye protection/face protection.

Response	P302+P352 P304+P340	IF ON SKIN: Wash with plenty of soap and water. IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
	P305+P351+P338 P312 P332+P313 P337+P313 P362	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Call a POISON CENTER or doctor/physician if you feel unwell. If skin irritation occurs: Get medical advice/attention. If eye irritation persists: Get medical advice/attention. Take off contaminated clothing and wash before reuse.
Storage	P403+P233 P405	Store in a well-ventilated place. Keep container tightly closed. Store locked up.
Disposal	P501	Dispose of contents/container in accordance with local/state/federal Regulations.

2.3 Other hazards

3. COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Substances/Mixtures

Ingredient	Identification	Content
C.I. Disperse Blue 60 C.I. Disperse Blue 56	CAS: 12217-80-0 CAS: 12217-79-7	< 75 % < 40%

4. FIRST AID MEASURES

4.1 Description of first aid measures

Eye	If in eyes, hold eyelids apart and flush continuously with running water. Continue flushing until advised to stop by a Poisons Information Centre, a doctor, or for at least 15 minutes.
Inhalation	If inhaled, remove from contaminated area. Apply artificial respiration if not breathing. Consult a doctor.
Skin	If skin or hair contact occurs, remove contaminated clothing and flush skin and hair with running water. Continue flushing with water until advised to stop by a Poisons Information Centre or a doctor.
Ingestion	Never give anything by mouth to unconscious person. Rinse mouth with water. Consult a physician.
First aid facilities	Eye wash facilities and safety shower should be available.

4.2 Most important symptoms and effects, both acute and delayed

The most important known symptoms and effects are described in Section 2.2 and/or in Section 11.

4.3 Immediate medical attention and special treatment needed

Treat symptomatically.

5. FIRE FIGHTING MEASURES

5.1 Suitable extinguishing media

Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

5.2 Specific hazards arising from the substance or mixture

Combustible solid which burns but propagates flame with difficulty. Avoid generating dust, particularly clouds of dust in a confined or unventilated space, as dusts may form an explosive mixture with air, and any source of ignition, i.e. flame or spark, will cause

fire or explosion. Dust clouds generated by the fine grinding of the solid are a particular hazard; accumulations of fine dust may burn rapidly and fiercely if ignited. Combustion products include: carbon dioxide (CO₂), nitrogen oxides, other pyrolysis products typical of burning organic materials.

5.3 Special protective equipment and precautions for fire fighters

Treat as per requirements for surrounding fire. Evacuate area and contact emergency services. Remain upwind and notify those downwind of hazard. Wear full protective equipment including Self Contained Breathing Apparatus (SCBA) when combating fire.

6. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

Use Personal Protective Equipment (PPE) as detailed in Section 8 of this SDS. Avoid breathing dust. Ensure adequate ventilation. Avoid generating dusty conditions. Evacuate personnel to safe areas.

6.2 Environmental precautions

Prevent product from entering drains and waterways.

6.3 Methods and materials for containment and clean up

Remove any kind of ignition source. Increase ventilation. Vacuum or take up spilled product with dust-binding material and place into a suitably labelled container for subsequent disposal. Once pick up is complete, flush spill area with plenty of water and dispose of contaminated water safely.

6.4 Reference to other sections

See Sections 8 and 13 for exposure controls and disposal.

7. HANDLING AND STORAGE

7.1 Precautions for safe handling

Observe good personal hygiene practices and recommended procedures. Wash thoroughly after handling. Avoid breathing dust and contact with eyes, skin and clothing. Provide appropriate exhaust ventilation at places where dust is formed. Normal measures for preventative fire protection. Keep container tightly closed.

7.2 Conditions for safe storage, including any incompatibilities

Store in cool place. Keep containers tightly closed in a dry and well-ventilated place. Protect against physical damage. Avoid contact with strong oxidizing agents and any kind of ignition source.

8. EXPOSURE CONTROLS / PERSONAL PROTECTIONS

8.1 Control parameters

Exposure standards

No exposure standards have been entered for this product. However, the exposure standard for dust not otherwise specified is 10mg/m³ (for inspirable dust) and 3mg/m³ (for respirable dust).

Biological limits

No biological limit values have been entered for this product.

8.2 Engineering controls

A system of local and/or general exhaust is recommended to keep employee exposures below the Airborne Exposure Limits. Local exhaust ventilation is generally preferred because it can control the emissions of the contaminant at its source, preventing dispersion of it into the general work area.

8.3 Personal protective equipment (PPE)

Eye/Face

Safety glasses with side shields (AS/NZS 1336/1337).

Hands

Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands. The selected protective gloves have to satisfy Standard AS 2161.

Body	Long-sleeved protective lab coat, apron and safety footwear (AS 3765/2210).
Respiratory	Wear an effective, disposable particulate respirator for nuisance exposure. For higher level protection use respirator cartridges (AS/NZS 1715/1716).

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Appearance	Powder
Colour	Dark speckled mixture
Odour	Weak odour
pH	7.0 - 9.0 at 10 g/l water
Melting point/freezing point	No data available
Boiling point and boiling range	Not applicable
Flash point	Not applicable
Evaporation rate	No data available
Upper flammability/explosive limit	No data available
Lower flammability/explosive limit	No data available
Bulk Density	450-650 kg/m ³
Solubility	Dispersible in water
Auto-ignition temperature	No data available

10. STABILITY AND REACTIVITY

10.1 Reactivity

Carefully review all information provided in sections 10.2 to 10.6. Organic dust - potential explosive.

10.2 Chemical stability

Stable under recommended conditions of storage.

10.3 Possibility of hazardous reactions

Polymerization will not occur.

10.4 Conditions to avoid

Avoid heat, sparks, open flames and other ignition sources. Avoid dust generation and accumulation.

10.5 Incompatible materials

Toxic gases are formed by mixing azo and azido compounds with acids, aldehydes, amides, carbamates, cyanides, inorganic fluorides, halogenated organics, isocyanates, ketones, metals, nitrides, peroxides, phenols, epoxides, acyl halides, and strong oxidising or reducing agents. Flammable gases are formed by mixing azo and azido compounds with alkali metals.

10.6 Hazardous decomposition products

When involved in a fire, this product may generate carbon oxides, nitrogen oxides, Hydrogen chloride gas.

11. TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

Acute toxicity	ORAL LD50 (rat) > 2,000 mg/kg. DERMAL LD50 (rat) > 2,000 mg/kg. INHALATION (8 hours, rat) Method : Inhalation risk test @ 20°C. No mortality after exposure to an enriched saturated atmosphere
Skin	No data available. May cause irritation in contact with skin.
Eye	No data available. May cause irritation to the contaminated eye.
Sensitization	No data available.
Mutagenicity	No data available.
Carcinogenicity	No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.
Reproductive	No data available.

STOT - single exposure	Inhalation - may cause respiratory irritation.
STOT - repeated exposure	Long term exposure to high dust concentrations may cause changes in lung function i.e. pneumoconiosis; caused by particles less than 0.5 micron penetrating and remaining in the lung.
Aspiration	This product is not expected to present an aspiration hazard.

12. ECOLOGICAL INFORMATION

12.1 Toxicity

Fish Toxicity	Fish Toxicity : LC50 > 100 mg/l (48 hours, Oryzias Latipes).
	Bacteria Toxicity : IC50 > 100 mg/l (3 hours, OECD 209).
	Daphnia Toxicity: EC50 > 100 mg/l (48 hours, OECD 202)

12.2 Persistence and degradability

Biodegradability:	Biodegradability : > 70 % Method : Batch method
	Analysis method:, Photometry Elimination
	COD value: 1130 mg/L

12.3 Bioaccumulative potential: No data available.

12.4 Mobility in soil: No data available.

12.5 Other Data: The 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.
The product does not contain phosphates or organophosphorus compounds.
Data on ecotoxicology are based on the toxicological properties of the product components.

13. DISPOSAL CONSIDERATIONS

13.1 Safe handling and disposal methods

Offer surplus and non-recyclable product to a licensed disposal company. Dissolve or mix the material with a combustible solvent and burn in a chemical incinerator equipped with an afterburner and scrubber.

13.2 Disposal of any contaminated packaging

Clean packing can be re-used. Uncleaned packing should be disposed of in the same manner as the product.

13.3 Environmental regulations

Dispose of in accordance with relevant local legislation.

14. TRANSPORT INFORMATION

NOT CLASSIFIED AS A DANGEROUS GOOD BY THE CRITERIA OF THE ADG CODE, IMDG OR IATA

	LAND TRANSPORT (ADG)	SEA TRANSPORT (IMDG / IMO)	AIR TRANSPORT (IATA / ICAO)
14.1 UN number	None Allocated	None Allocated	None Allocated
14.2 UN proper shipping name	None Allocated	None Allocated	None Allocated
14.3 Transport hazard classes			
DG class	None Allocated	None Allocated	None Allocated
Subsidiary risk(s)	None Allocated	None Allocated	None Allocated
14.4 Packing group	None Allocated	None Allocated	None Allocated
14.5 Environmental hazards		None Allocated	
14.6 Special precautions for user			
Hazchem code	None Allocated	None Allocated	None Allocated

15. REGULATORY INFORMATION

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

Poison schedule	A poison schedule number has not been allocated to this product	
Classifications	Xi	IRRITANT
Risk phrase(s)	R36/37/38	Irritating to eyes, respiratory system and skin.
Inventory Listings	All components are listed on AICS.	

16. OTHER INFORMATION

Abbreviations and acronyms:

AS – Australian Standard.
ADI – Acceptable Daily Intake.
ADR - European Agreement Concerning the International Carriage of Dangerous Goods by Road.
APVMA - Agricultural Pesticides and Veterinary Medicines Authority.
CAS # - Chemical Abstracts Service Number (or CAS Registry Number; CAS RN).
CNS - Central Nervous System
EC No. – European Commission Number.
IARC - International Agency for Research on Cancer.
IERG - Initial Emergency Response Guide.
EPG – Emergency Procedure Guide.
GHS - Globally Harmonised System.
HMIS - Hazardous Materials Identification System
HSNO – Hazardous Substances and New Organisms (New Zealand)
IATA-DGR – Dangerous Goods Regulations by the International Air Transport Association.
ICAO – International Civil Aviation Authority.
IMDG – International Maritime Code for Dangerous Goods.
Kgs – Kilograms.
LD50 – Lethal dose, 50%.
LC50 – Lethal Concentration 50%.
LEL - Lower Explosive Limit
UEL - Upper Explosive Limit
lt - Litre
ml - Millilitre
mg - Milligram
mg/m³ - Milligrams per Cubic Metre
mm - Millimetre
NA - Not applicable N/A
NOEL – No Effect Level.
N.O.S – Not otherwise specified.
PBT – Persistent, Bioaccumulative, Toxic
PEL - Permissible Exposure Limit
pH - relates to hydrogen ion concentration using a scale of 0 (high acidic) to 14 (highly alkaline).
ppm - Parts Per Million
RID - Regulations concerning the International carriage of Dangerous Goods by Rail.
STEL - Short Term Exposure Limit
STOT-RE - Specific target organ toxicity (repeated exposure)
STOT-SE - Specific target organ toxicity (single exposure)
SUSMP - Standard for the Uniform Scheduling of Medicines and Poisons.
TLV - Threshold Limit value
TWA/OEL - Time Weighted Average or Occupational Exposure Limit

Full text of H-Statements referred to under sections 2 and 3.

Respiratory Skin Sensitization: Category 1B

H317 May cause an allergic reaction.

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.

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