

SAFETY DATA SHEET

EQUISOL COLOUR TONE (VARIOUS COLOURS)

1. Product and Company Identification

Company

Surface Logic
2/17 Bailey Crescent, Southport
QLD 4215 Australia
equisol.com.au

Poisons Information

13 11 26 from anywhere in Australia

Chemical Family Nano TiO₂ in solvent

2. Hazard Identification

Emergency overview

Use with local exhaust ventilation.
Wear NIOSH-certified chemical goggles.
Wear protective clothing.
Eye wash fountains must be easily accessible.

State of matter: liquid
Colour: various
Odour: product specific

Potential health effects

Primary routes of exposure:
Routes of entry for solids and liquids include eye and skin contact, ingestion and inhalation.
Routes of entry for gases include inhalation and eye contact. Skin contact may be a route of entry for liquified gases.

Acute toxicity

Ingestion may cause gastrointestinal disturbances. The product has not been tested. The statement has been derived from the properties of the individual components.

Irritation/corrosion

Not irritating to eyes and skin. The product has not been tested. The statement has been derived from the properties of the individual components.

Potential environmental effects**Bioaccumulation/bioconcentration:**

The product has not been tested.

Liquid Pigment (Various Colours)

3. Composition/Information on Ingredients

Ingredients Names and Proportions		
Chemical Entity	CAS Number	Proportion (%)
Blended aromatic hydrocarbons	8001-26-1	30 - 50
Pigment (various colours)	NA	50 - 70
Solvent Naphtha (petroleum) light aromatic	64742-95-6	< 5
2-Octyl-2H-isothiazol-3-one	26530-20-1	< 1

4. First-Aid Measures

General advise

Remove contaminated clothing

If inhaled:

If difficulties occur after vapour/aerosol has been inhaled, remove to fresh air and seek medical attention.

If on skin:

Wash thoroughly with soap and water.

If in eyes:

Wash affected eyes for at least 15 minutes under running water with eyelids held open.

If swallowed: Rinse mouth and then drink plenty of water, do not induce vomiting, seek medical attention. Never induce vomiting or give anything by mouth if the victim is unconscious or having convulsions.

Note to physician

Treatment: Treat according to symptoms (decontamination, vital functions), no known specific antidote.

5. Fire-fighting measures

Flash Point °C	≥ 60(CC)
Autoignition:	not self-igniting
Lower explosion limit:	not determined
Upper explosion limit:	not determined
Flammability:	does not ignite
Self-ignition temperature:	not self-igniting

Suitable extinguishing media:

Water spray, dry powder, foam

Hazards during fire-fighting:

harmful vapors

Evolution of fumes/fog. The substances/groups of substances mentioned can be released in case of fire.

Protective equipment for fire-fighting:

Firefighters should be equipped with self-contained breathing apparatus and turn-out gear.

Further information:

The degree of risk is governed by the burning substance and the fire conditions. Contaminated extinguishing water must be disposed of in accordance with official regulations.

6. Accidental release measures

Personal precautions:

Use personal protective clothing.

Environmental precautions:

Contain contaminated water/firefighting water. Do not discharge into drains/surface waters/groundwater.

Cleanup:

Place absorbed material in the same container as the spilled substance/product for disposal.

For small amounts: Pick up with absorbent material (e.g. sand, sawdust, general-purpose binder). Dispose of absorbed material in accordance with regulations.
For large amounts: Pump off products

Further information:

High risk of slipping due to leakage/spillage of product.

7. Handling and storage

Handling

General advice:

Breathing must be protected when large quantities are decanted without local exhaust ventilation.

Protection against fire and explosion:

No special precautions necessary.

Storage

General advise:

Keep container tightly closed and dry, store in a cool place.

Temperature tolerance

Protect from temperature below: 0°C

Protect from temperature above: 60°C

8. Exposure controls and personal protection

Advice on system design:

Provide local exhaust ventilation to control vapors/mists.

Personal protective equipment**Respiratory protection:**

Wear respiratory protection if ventilation is inadequate. Respiratory protection in case of vapor/aerosol release.

Hand protection:

Chemical resistant protective gloves

Eye protection:

Tightly fitting safety goggles (chemical goggles).

General safety and hygiene measures:

Do not inhale gases/vapors/aerosols. Handle in accordance with good industrial hygiene and safety practice. Wash soiled clothing immediately.

9. Physical and Chemical Properties

Form	liquid
Odor	product specific
Colour	white
PH Value	not applicable
Freezing point	not determined
Boiling point	175-325°C, 013hPa
Density	1.58 g/cm ³
Relative density	Study does not need to be conducted
Vapor density	not determined
Partitioning coefficient	not applicable
noctanol/water (log POW)	not applicable
Viscosity, dynamic	not determined
Particle size	1µm
Solubility in water	insoluble

10. Stability and Reactivity

Conditions to avoid:

No special precautions other than good housekeeping of chemicals.

Substances to avoid:

No substances known that should be avoided.

Hazardous reactions:

No hazardous reactions when stored and handled according to instructions.

Decomposition products:

Hazardous decomposition products: No hazardous decomposition products if stored and handled as prescribed/indicated.

Thermal decomposition:

Not determined

Corrosion to metals:

No corrosive effect on metal.

Oxidizing properties:

Not fire-propagating

11. Toxicological information

Acute toxicity**Oral:**

LD50/rat: >5, 000 mg/kg

The product has not been tested. The statement has been derived from the properties of the individual components.

Inhalation:

not determined

Dermal

not determined

Irritation/corrosion**Skin**

Rabbit: non-irritant

Method: OECD Guideline 404

The product has not been tested. The statement has been derived from the properties of the individual components.

Eye

Rabbit non-irritant

Method OECD Guideline 405

The product has not been tested. The statement has been derived from the properties of the individual components.

Sensitization

No data available concerning sensitizing effects.

Aspiration Hazard

No aspiration hazard expected.

12. Ecological information

Fish

Acute:

Leuciscus idus/LC50(96 h): >100 mg/l

The product has not been tested. The statement has been derived from the properties of the individual components.

Microorganisms:

Toxicity to microorganisms

DEV-L2 EC50: >1, 000 mg/l

The inhibition of the degradation activity of activated sludge is not anticipated when introduced to biological treatment plants in appropriate low concentrations. The product has not been tested. The statement has been derived from the properties of the individual components.

Degradability/Persistence

Biological/Abiological Degradation

Evaluation: The colorant is insoluble in water and can thus be separated from water mechanically in suitable effluent treatment plants.

13. Disposal considerations

Fish

Waste disposal of substance:

Must be dumped or incinerated in accordance with local regulations.

Container disposal:

Uncontaminated packaging can be re-used. Packs that cannot be cleaned should be disposed of in the same manner as the contents.

14. Transportation Information

Land transport

USDOT Not classified as a dangerous good under transport regulations

Sea transport

IMDG Not classified as a dangerous good under transport regulations

Air transport

IATA/ICAO Not classified as a dangerous good under transport regulations

15. Regulatory information

No Regulatory Information

16. Other Information

HMIS III rating

Health: 1 Flammability: 1 Physical hazard: 0

HMIS uses a numbering scale ranging from 0 to 4 to indicate the degree of hazard. A value of zero means that the substance possesses essentially no hazard; a rating of four indicates high hazard.

POISONS INFORMATION CENTRE

13 11 26 from anywhere in Australia (0800 764 766 in New Zealand)