



Section 1 - Identification of the Material and Supplier

Chemical nature	Food dye.
Trade Name	EXACOL TARTRAZINE
Product Code	9100000
Product Use	Colouring agent; dyestuff
Creation Date	March, 2016
This version issued	March, 2016 and is valid for 5 years from this date.
Supplier/Manufacturer	CATHAY Industries Australasia Pty Ltd 103 Vanessa St Kingsgrove, NSW 2208 Phone: (02) 9336 1000 (Business hours) Fax (02) 9150 6677 ABN: 23 081 186 174

POISONS INFORMATION CENTRE CALL 13 11 26 FROM ANYWHERE IN AUSTRALIA (0800 764 766 IN NEW ZEALAND)

Section 2 - Hazards Identification

Statement of Hazardous Nature	This product is not classified as hazardous according to the criteria of SWA.
SUSMP Classification	None allocated.
ADG Classification	None allocated. Not a Dangerous Good according to Australian Dangerous Goods (ADG) Code, IATA or IMDG/IMSBC criteria.
UN Number	None allocated.

GHS Signal word: NONE. Not hazardous.

Prevention

P102: Keep out of reach of children.
P262: Do not get in eyes, on skin, or on clothing.
P281: Use personal protective equipment as required.

Response

P337: If eye irritation persists: seek medical attention.
P352: Wash with plenty of soap and water.
P301+P330+P331: IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
P370+P378: Not combustible. Use extinguishing media suited to burning materials.

Storage

P402+P404: Store in a dry place. Store in a closed container.

Disposal

P501: If product can not be recycled, contact a specialist waste disposal company (see Section 13 of this SDS).

Emergency Overview

Physical Description and colour	Fine orange powder.
Odour	No odour.
Major Health Hazards	No significant risk factors have been found for this product.

Potential Health Effects

Inhalation

Short term exposure	Available data indicates that this product is not hazardous. The product may be a slight irritant, though improbable to cause anything more than slight temporary discomfort.
Long Term exposure	No data for health effects associated with long term inhalation. However, long term inhalation of large amount of any nuisance dust may overload lung clearance mechanism.

Contact with skin

Short term exposure

Available data indicates that when this product is exposed to skin it does not have hazardous effects. Normal use of this product is unlikely to cause any discomfort. Skin may be stained from the product, and the stains may be difficult to eliminate.

Long Term exposure

Data regarding effects associated with long-term skin exposure is not available at this time.

Contact with eyes

Short term exposure

The product is probable to cause mechanical irritation. No long-term effects should result if exposure is minor or brief. If material is not removed in due time, however, long-term consequences may result from scratches to surface of the eye.

Long Term exposure

Data regarding effects associated with long-term eye exposure is not available at this time.

If product is ingested

Short term exposure

It is considered to be unlikely that there will be significant oral exposure. Although unlikely to cause anything more than slight temporary discomfort, the product may cause slight irritation to mucous membranes.

Long Term exposure

No data for health effects associated with long term ingestion.

Carcinogen Status

SWA

No significant ingredient is classified as carcinogenic by SWA.

NTP

No significant ingredient is classified as carcinogenic by NTP.

IARC

Iron Oxide is Class 3 - unclassifiable as to carcinogenicity to humans.

See the IARC website for further details. A web address has not been provided as addresses frequently change.

Section 3 - Composition/Information on Ingredients

<i>Ingredients</i>	<i>CAS No</i>	<i>Conc,%</i>	<i>TWA (mg/m³)</i>	<i>STEL (mg/m³)</i>
Tartrazine CI 1940	1934-21-0	no data	not set	not set

This is a commercial product whose exact ratio of components may vary slightly. May contain minor quantities of other non-hazardous ingredients.

The SWA TWA exposure value is the average airborne concentration of a particular substance when calculated over a normal 8 hour working day for a 5 day working week. The STEL (Short Term Exposure Limit) is an exposure value that may be equalled (but should not be exceeded) for no longer than 15 minutes and should not be repeated more than 4 times per day. There should be at least 60 minutes between successive exposures at the STEL. The term "peak" is used when the TWA limit, because of the rapid action of the substance, should never be exceeded, even briefly.

Section 4 - First Aid Measures

General Information: The Poisons Information Centre should be called immediately if you feel that you may have been poisoned, burned or caused irritation by this product. The number is 13 1126 throughout Australia (or 0800 764 766 in New Zealand) which is reachable at all hours, and have this SDS for your reference when you call.

Inhalation

It is not generally required to receive First Aid. A Poisons Information Centre or a doctor may be contacted if in doubt.

Contact with skin

Excess particles may be brushed off. Skin contact is unlikely to cause irritation. Flush with lukewarm, gently flowing water for 5 minutes or until chemical is removed, if irritation does occur.

Contact with eyes

Brush particles from eyes promptly and gently. Flush the exposed eye(s) with lukewarm gently flowing water immediately, while holding the eyelid(s) open until the particles have been removed. Seek medical attention if the eye(s) continue to be irritated, or if particles are trapped in surface of the eye(s). If exposed person is wearing contact lenses, special care must be taken.

Ingestion

Do NOT induce vomiting if the product is swallowed or enters mouth; wash out mouth with water and provide water to drink. Contact a Poisons Information Centre or a doctor if in doubt or if symptoms develop.

Section 5 - Fire Fighting Measures

Fire and Explosion Hazards

Inhalation of heated toxic and/or oxygen deficient fire gases is typically the major hazard in fires. If involved with a fire, there is no risk of an explosion from this product under normal circumstances.

At temperatures typically achieved in a fire, no fire decomposition products are expected from this product.

No hazard or harm is expected from the products of fire decomposition of this product.

Extinguishing Media

Not combustible. Use extinguishing media suited to burning materials.

Fire Fighting

No special firefighting measures are thought necessary for this product.

Flash point

Does not burn.

Upper Flammability Limit

Does not burn.

Lower Flammability Limit

Does not burn.

Auto ignition temperature

Not applicable - does not burn.

Flammability Class

Does not burn.

Section 6 - Accidental Release Measures

Accidental release: Special clean-up measures are not typically required from minor spills.

Major Spill: Prevent spillage from entering drains or watercourses in the event of a major spill. Wear overalls, goggles and gloves as a minimum. Cotton, rubber, PVC are examples of suitable materials for protective clothing. Protective eyewear (glasses, preferably goggles) should comprise as the minimum eye/face protective equipment. It is also recommended that a suitable dust mask be used if there is a significant chance that dusts are likely to build up in a clean-up area.

If safe to do so, stop leak, and contain spill. Sweep up and shovel or collect recoverable product into labelled containers for recycling or salvage, and dispose of promptly. Consider vacuuming if appropriate. Recycle containers wherever possible after careful cleaning. After spills, wash area preventing runoff from entering drains. If a significant quantity of material enters drains, advise emergency services. This material may be suitable for approved landfill. Ensure legality of disposal by consulting regulations prior to disposal. Thoroughly launder protective clothing before storage or re-use. Advise laundry of nature of contamination when sending contaminated clothing to laundry.

Section 7 - Handling and Storage

Handling: Keep exposure to this product to a minimum, and minimise the quantities kept in work areas. Check Section 8 of this SDS for details of personal protective measures, and make sure that those measures are followed. The measures detailed below under "Storage" should be followed during handling in order to minimise risks to persons using the product in the workplace. Also, avoid contact or contamination of product with incompatible materials listed in Section 10.

Storage: Make sure that containers of this product are kept tightly closed. Keep containers dry and away from water. Make sure that the product does not come into contact with substances listed under "Incompatibilities" in Section 10. Check packaging - there may be further storage instructions on the label.

Section 8 - Exposure Controls and Personal Protection

The following Australian Standards will provide general advice regarding safety clothing and equipment:

Respiratory equipment

AS/NZS 1715

Protective Gloves

AS 2161

Occupational Protective Clothing

AS/NZS 4501 set 2008

Industrial Eye Protection

AS1336 and AS/NZS 1337,

Occupational Protective Footwear

AS/NZS2210.

SWA Exposure Limits

TWA (mg/m³)

Exposure limits have not been established by SWA for this product.

STEL (mg/m³)

Exposure limits have not been established by SWA for this product

When occasionally handling small quantities, no special equipment is typically needed. When bulk handling or when regular exposure in an occupational setting occurs without proper containment systems, refer to the following instructions.

Ventilation	Ensure the product is only used in a well-ventilated area. The use of a fan/exhaust fan is suggested if natural ventilation is inadequate.
Eye Protection	It is not typically necessary to use eye protection when this product is being used. Wear suitable protective glasses or goggles, however, if in doubt.
Skin Protection	This product is not harmful and that usually no special skin protection is necessary, as indicated by information at hand. Nevertheless, when skin contact is likely, it is suggested that you routinely avoid contact with all chemical products and that you wear suitable gloves, preferably elbow-length.
Protective Material Types	Cotton, rubber, PVC are examples of materials suggested to be used as protective wear.
Respiratory	It is recommended that you use a dust mask if there is a significant chance that dust is likely to build up in the area where this product is being used. If practical, safety deluge showers should be provided near to where this product is being handled commercially.

Section 9 - Physical and Chemical Properties:

Physical Description and Colour	Fine orange powder.
Odour	No odour.
Boiling Point	Not available.
Freezing/Melting Point	No specific data. Solid at normal temperatures.
Volatiles	No specific data. Expected to be low at 100°C.
Vapour Pressure	Negligible at normal ambient temperatures
Vapour Density	Not applicable.
Specific Gravity	No data.
Water Solubility	Soluble.
pH	No data.
Volatility	Nil at normal ambient temperatures.
Odour Threshold	No data.
Evaporation Rate	Not applicable.
Coefficiency Oil/water distribution	No data.
Viscosity	Not applicable.
Auto ignition temp	Not applicable - does not burn.

Section 10 - Stability and Reactivity

Reactivity	Under normal storage conditions, this product is unlikely to react or decompose. The supplier may be contacted for advice on shelf life properties, however, if in doubt.
Storage conditions	Containers should be kept tightly closed, and containers should be kept dry.
Incompatibilities	Strong acids and strong reducing agents.
Fire Decomposition	At temperatures typically achieved in a fire, no substantial quantities of decomposition products are expected.
Polymerisation	The product does not undergo polymerisation reactions.

Section 11 - Toxicological Information

Local Effects -Target Organs: There is no data to hand indicating any particular target organs.

Classification of Hazardous Ingredients

Ingredient - Risk Phrases: No ingredient mentioned in the HSIS Database is present in this product at hazardous concentrations.

Section 12 - Ecological Information

The product is not expected to be an environmental hazard and is unlikely to harm the environment. When released to the environment in small quantities, salts, acids and bases are typically diluted and neutralised.

Section 13 - Disposal Considerations

Disposal: If unused, or if the product has not been contaminated in a way that makes it unsuitable for its intended use, this product may be recycled. If contaminated, it may be possible to separate the contamination. Consider landfill only if neither of these options is suitable.

Section 14 - Transport Information

UN Number: This product is not classified as a Dangerous Good by ADG, IATA or IMDG/IMSBC criteria. Unless required by other regulations, no special transport conditions are necessary.

Section 15 - Regulatory Information

AICS: This product is compliant with NICNAS regulations.

Section 16 - Other Information

This SDS contains only safety-related information. For other data see product literature.

Acronyms:

ADG Code	Australian Code for the Transport of Dangerous Goods by Road and Rail (7 th edition)
AICS	Australian Inventory of Chemical Substances
SWA	Safe Work Australia, formerly ASCC and NOHSC
CAS number	Chemical Abstracts Service Registry Number
Hazchem Code	Emergency action code of numbers and letters that provide information to emergency services especially firefighters
IARC	International Agency for Research on Cancer
NOS	Not otherwise specified
NTP	National Toxicology Program (USA)
R-Phrase	Risk Phrase
SUSMP	Standard for the Uniform Scheduling of Medicines & Poisons
UN Number	United Nations Number

THIS SDS SUMMARISES TO THE BEST OF OUR KNOWLEDGE OF THE HEALTH AND SAFETY HAZARD INFORMATION OF THE PRODUCT IN SECTION 1, AND HOW TO SAFELY HANDLE AND USE THE PRODUCT IN THE WORKPLACE. EACH USER MUST REVIEW THIS SDS IN THE CONTEXT OF HOW THE PRODUCT WILL BE HANDLED AND USED IN THE WORKPLACE. IF CLARIFICATION OR FURTHER INFORMATION IS NEEDED TO ENSURE THAT AN APPROPRIATE RISK ASSESSMENT CAN BE MADE, THE USER SHOULD CONTACT CATHAY INDUSTRIES AUSTRALASIA PTY LTD SO WE CAN ATTEMPT TO OBTAIN ADDITIONAL INFORMATION FROM OUR SUPPLIERS. OUR RESPONSIBILITY FOR PRODUCTS SOLD IS SUBJECT TO OUR STANDARD TERMS AND CONDITIONS, A COPY OF WHICH IS SENT TO OUR CUSTOMERS AND IS ALSO AVAILABLE ON REQUEST. PLEASE READ ALL LABELS CAREFULLY BEFORE USING PRODUCT.