

CETIOL C5 – SAFETY DATA SHEET

SECTION 1 IDENTIFICATION OF THE SUBSTANCE / MIXTURE AND OF THE COMPANY / UNDERTAKING

PRODUCT IDENTIFIER

Product name	Cetiol C5
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DETAILS OF THE SUPPLIER OF THE SAFETY DATA SHEET

Registered distributor company name	Pure Ingredients Ltd
Address	626A Rosebank Road, Avondale, Auckland 1026 New Zealand
Telephone	+649 8135619
Website	www.pureingredients.co.nz
Email	compliance@pureingredients.co.nz

EMERGENCY TELEPHONE NUMBER

CHEMCALL	0800 CHEMCALL / 800 243 622 (24hr)
Emergency telephone numbers	111
Other emergency telephone numbers	NZ Poisons Centre 0800 POISON (0800 764 766)

SECTION 2 HAZARDS IDENTIFICATION

Classification of the substance and mixture: No need for classification according to GHS criteria for this product.
 Label elements and precautionary statement: The product does not require a hazard warning label in accordance with GHS criteria.
 Other hazards which do not result in classification: No specific dangers known, if the regulations/notes for storage and handling are considered.

SECTION 3 COMPOSITION / INFORMATION ON INGREDIENTS

Chemical nature: Octanoic acid, coco alkyl esters

SECTION 4 FIRST AID MEASURES

NZ Poisons Centre 0800 POISON (0800 764 766) | NZ Emergency Services: 111

Inhalation	Not relevant.
Skin Contact	After contact with skin, wash immediately with plenty of water.
Eye Contact	In case of contact with the eyes, rinse immediately for at least 15 minutes with plenty of water. Seek medical attention if necessary.
Ingestion	Rinse mouth and then drink 200-300 ml of water.
Note to physician	Symptoms: No significant symptoms are expected due to the non-classification of the product. Hazards: No hazard is expected under intended use and appropriate handling. Treatment: Treat symptomatically.

General advice: If adverse health effects develop seek medical attention.

SECTION 5 FIREFIGHTING MEASURES

Extinguishing Media	water spray, carbon dioxide, dry powder, foam
Specific hazards	harmful vapours Evolution of fumes/fog. The substances/groups of substances mentioned can be released in case of fire.
Special protective equipment	Wear a self-contained breathing apparatus.
Further information	Dispose of fire debris and contaminated extinguishing water in accordance with official regulations.

SECTION 6 ACCIDENTAL RELEASE MEASURES

Precautions for handling	Use personal protective clothing.
Environmental Precautions	Do not discharge into drains/surface waters/groundwater.
Methods of Cleaning	For small amounts: Pick up with suitable absorbent material. For large amounts: Dike spillage. Pump off product. Dispose of absorbed material in accordance with regulations.
Additional information	High risk of slipping due to leakage/spillage of product.

SECTION 7 HANDLING AND STORAGE

Handling	Handle in accordance with good industrial hygiene and safety practice. Protection against fire and explosion: Avoid all sources of ignition: heat, sparks, open flame.
Storage	Suitable materials for containers: tinned carbon steel (Tinplate), glass, High density polyethylene (HDPE), Galvanized carbon steel (Zinc), Carbon steel (Iron) Further information on storage conditions: Keep container tightly closed and dry; store in a cool place. Storage stability: Storage temperature: ≤ 30 °C

SECTION 8 EXPOSURE CONTROLS / PERSONAL PROTECTION

Components with occupational exposure limits	No occupational exposure limits known.
Personal protective equipment	Respiratory protection: Respiratory protection in case of vapour/aerosol release. When processing large amounts. Hand protection: Suitable are protective gloves with the following specification. The recommendation is valid for laboratory conditions, specific workplace conditions must be taken into consideration separately. Suitable materials also with prolonged, direct contact (Recommended: Protective index 6, corresponding > 480 minutes of permeation time according to EN 374): natural rubber/natural latex (NR) - 0.5 mm coating thickness Eye protection: Safety glasses with side-shields (frame goggles) (e.g. EN 166) Body protection: Body protection must be chosen depending on activity and possible exposure, e.g. apron, protecting boots, chemical-protection suit (according to EN 14605 in case of splashes or EN ISO 13982 in case of dust). General safety and hygiene measures: No eating, drinking, smoking or tobacco use at the place of work. Handle in accordance with good industrial hygiene and safety practice.

SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

Form	Liquid
Colour	colourless to yellowish
Odour	slight odour
Flash Point (°C)	> 160 °C
Evaporation rate	Value can be approximated from Henry's Law Constant or vapor pressure.
Flammability (solid/gas)	not flammable
Lower explosion limit	For liquids not relevant for classification and labelling.
Upper explosion limit	For liquids not relevant for classification and labelling.
Ignition temperature	not determined
Thermal decomposition	No decomposition if stored and handled as prescribed/indicated.
Self-ignition	not applicable
Explosion hazard	Not explosive
Fire promoting properties	not fire-propagating
Vapour pressure	not determined
Density	See product specs
Solubility in water	insoluble
Partitioning coefficient n-octanol/water (log Pow)	not determined
Viscosity, dynamic	not determined
Viscosity, kinematic	not determined

SECTION 10 STABILITY AND REACTIVITY

Conditions to avoid	See MSDS section 7 - Handling and storage
Thermal decomposition	No decomposition if stored and handled as prescribed/indicated.

Substances to avoid: No substances known that should be avoided.

Hazardous reactions: None if used for intended purpose.

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

SECTION 11 TOXICOLOGICAL INFORMATION

Acute toxicity: Assessment of acute toxicity: Virtually nontoxic after a single ingestion. Experimental/calculated data: LD50 (oral): > 5,000 mg/kg

Irritation: Assessment of irritating effects: Not irritating to the eyes. Not irritating to the skin.

Respiratory/Skin sensitization: Assessment of sensitization: There is no evidence of a skin-sensitizing potential.

Germ cell mutagenicity: Assessment of mutagenicity: The chemical structure does not suggest a specific alert for such an effect.

Carcinogenicity: Assessment of carcinogenicity: The chemical structure does not suggest a specific alert for such an effect.

Reproductive toxicity: Assessment of reproduction toxicity: The chemical structure does not suggest a specific alert for such an effect.

Developmental toxicity: Assessment of teratogenicity: No data was available concerning toxicity to development.

Specific target organ toxicity (single exposure): Assessment of STOT single: Based on available Data, the classification criteria are not met.

Repeated dose toxicity and Specific target organ toxicity (repeated exposure): Assessment of repeated dose toxicity: The information available on the product provides no indication of toxicity on target organs after repeated exposure.

Aspiration hazard: No aspiration hazard expected.

Other relevant toxicity information: The product has not been tested. The statements on toxicology have been derived from the properties of the individual components.

SECTION 12 ECOLOGICAL INFORMATION

Ecotoxicity: Assessment of aquatic toxicity: The product has not been tested. The statement has been derived from the properties of the individual components. Toxicity to fish: LC50 > 100 mg/l, Microorganisms/Effect on activated sludge: EC0 > 100 mg/l

Mobility: Assessment transport between environmental compartments: not applicable

Persistence and degradability: Assessment biodegradation and elimination (H2O): Readily biodegradable (according to OECD criteria).

Bioaccumulation potential: Assessment bioaccumulation potential: No data available.

SECTION 13 DISPOSAL CONSIDERATION

Must be disposed of or incinerated in accordance with local regulations.

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

SECTION 14 TRANSPORT INFORMATION

Domestic transport: 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

SECTION 15 REGULATORY INFORMATION

If other regulatory information applies that is not already provided elsewhere in this safety data sheet, then it is described in this subsection.

A certified handler is not required for the handling of this substance.

Tracking requirements do not apply to this substance.

Registration status: NZIOC, NZ released / exempt

Not classified as hazardous according to HSNO criteria

SECTION 16 OTHER INFORMATION

The information contained in this Safety Data Sheet is obtained from current and reliable sources. Pure Ingredients Ltd provides the information contained herein in good faith but makes no representation as to its comprehensiveness or accuracy. This Safety Data Sheet summarises our best current knowledge of the health and safety hazard information of the product, but does not claim to be all inclusive. This document is intended only as a guide to the appropriate handling of this material.

References:

Manufactures Safety Data Sheet

Version: 00 Revision Date: 28/05/2018: PIL New issue.

Version: 01 Revision Date: 04/05/2020: PIL SDS Change of address - no changes to SDS.