

SAFETY DATA SHEET

APPLIED CYCLOMIST

Infosafe No.: 2AP63
ISSUED Date : 03/08/2015
ISSUED by: ITW POLYMERS & FLUIDS

CLASSIFIED AS HAZARDOUS

1. IDENTIFICATION

GHS Product Identifier

APPLIED CYCLOMIST

Product Code

ACYCM

Company Name

ITW POLYMERS & FLUIDS (ABN 63 004 235 063)

Address

100 Hassall Street Wetherill Park
NSW 2164 Australia

Telephone/Fax Number

Tel: 1800 063 511; +61 2 9757 8800
Fax: 1800 803 596; +61 2 9757 3855

Emergency phone number

1800 385 556 / 0438 465 960

E-mail Address

info@itwpcf.com.au

Recommended use of the chemical and restrictions on use

As a sanitiser for the control of bacteria in poultry processing sheds.

Disclaimer

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Websites:

www.itwpcf.com.au

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Fluid Chemicals NZ

5A Andrew Baxter Drive, Airport Oaks, Auckland, 2150
Postal Address: P.O. Box 201185 , Auckland Airport, 2150, New Zealand
EMERGENCY TEL: 0800 154 666

2. HAZARD IDENTIFICATION

GHS classification of the substance/mixture

Classified as Hazardous according to the Globally Harmonised System of Classification and Labelling of Chemicals (GHS) including Work, Health and Safety Regulations, Australia.

Not classified as Dangerous Goods according to the Australian Code for the Transport of Dangerous Goods by Road and Rail. (7th edition)

Eye Damage/Irritation: Category 1

Signal Word (s)

DANGER

Hazard Statement (s)

Causes serious eye damage.

Pictogram (s)

Corrosion

**Precautionary statement – Prevention**

Wear protective gloves/protective clothing/eye protection/face protection.

Precautionary statement – Response

IF SWALLOWED: rinse mouth. Do NOT induce vomiting.

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

IF exposed or if you feel unwell: Call a POISON CENTER or doctor/physician.

Immediately call a POISON CENTER or doctor/physician.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients

Name	CAS	Proportion
Iodine	7553-56-2	0-4.99 %
Nonyl phenol ethoxylated surfactant		0-15 %
Ingredients determined not to be hazardous		to 100%

4. FIRST-AID MEASURES

Inhalation

Allow patient to assume most comfortable position and keep warm. Keep at rest until fully recovered.

For all but the most minor symptoms arrange for patient to be seen by a doctor as soon as possible - either on site or at the nearest hospital.

Remove victim from exposure - avoid becoming a casualty.

Ingestion

If vomiting occurs give further water to achieve effective dilution.

Seek medical attention.

If swallowed, DO NOT induce vomiting. Give a glass of water to drink.

Skin

Wash affected areas with copious quantities of water immediately.

Seek medical advice if effects persist.

Remove contaminated clothes.

Eye contact

Hold eyes open, flood with water for at least 15 minutes and see a doctor.

First Aid Facilities

Eye wash station should be available to rinse eyes.

Running water should be available to rinse skin.

Advice to Doctor

Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media

This product does not burn so use an extinguisher type applicable to the fire source.

Hazards from Combustion Products

Product does not burn. Heating of the product will emit toxic fumes so fire fighting operators should wear suitable protective equipment.

Special Protective Equipment for fire fighters

Full protective clothing and self-contained breathing apparatus.

6. ACCIDENTAL RELEASE MEASURES

Emergency Procedures

Slippery when spilt. Avoid accidents, clean up immediately. Contain using sand and earth - prevent runoff into drains and waterways. Collect and seal in properly labelled drums for disposal.

Methods And Materials For Containment And Cleaning Up

Absorbant and absorbed material should be disposed of in a suitable, approved chemical dump. Rinse small spills with water.

7. HANDLING AND STORAGE

Precautions for Safe Handling

Always use clean equipment to dispense the product.

Conditions for safe storage, including any incompatibilities

Store in a cool dry place. When not being used the product containers should be stored upright, and secured with the original closure. If transfer to another container becomes necessary ensure the container is clearly labelled, the container is of a type suitable for the product, and is clean and free of other materials.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Occupational exposure limit values

Substance	Regulations	Exposure Duration	Exposure Limit	Units	Notes
Iodine		TWA	0.1	ppm	Peak limitation
Iodine		TWA	1	mg/m3	Peak limitation

Biological Limit Values

No biological limit allocated.

Appropriate Engineering Controls

Ensure that adequate ventilation is provided when using the product. Avoid creating conditions that will cause the evolution of iodine fumes from the product. This can be effected by ensuring that the product is not used in conditions that will cause the solution to rise above 45C.

Personal Protective Equipment

When using the concentrate, wear PVC or rubber gloves, safety goggles and protective clothing.

When spraying, select and use respirators in accordance with AS/NZS 1715/1716* or any other acceptable International Standard. Filter capacity and respirator type depends on exposure levels.

Always wash hands before smoking, eating, drinking or using the toilet.

* Australian Standard/New Zealand Standard 1715: Selection, use and maintenance of respiratory protective devices.

*Australian Standard/New Zealand Standard 1716: Respiratory protective devices

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance

A dark brown, slightly oily liquid.

Odour

Distinct iodine odour.

Solubility in Water

Complete

Specific Gravity

1.01

pH

2.5-4

Vapour Pressure

Not measured

Evaporation Rate

Same as water

Flammability

Non flammable.

10. STABILITY AND REACTIVITY

Chemical Stability

Stable.

Conditions to Avoid

Toxic fumes can be emitted if heated. DO NOT use product if temperature will cause solution to rise above 45C.

Incompatible materials

Ammonia

Hazardous Decomposition Products

Nature of decomposition products not known.

Possibility of hazardous reactions

Mixing iodine, antimony, and ammonia has resulted in an explosion.

A violent reaction occurs between iodine and acetaldehyde.

11. TOXICOLOGICAL INFORMATION

Acute Toxicity - Oral

Iodine: LDLO-Oral(Human)= 28 mg/kg

LD50 -Oral(Rat) = 14g/kg

Acute Toxicity - Dermal

Iodine: LD50 Subcutaneous(Rat)= 10,500 mg/kg

Ingestion

May cause gastric irritation.

Inhalation

Non-harmful by inhalation.

Skin

Contact with skin will result in mild irritation.

Eye

Contamination of eyes can result in permanent injury to the cornea if not washed from the eye immediately.

Mutagenicity

Insufficient data available.

Carcinogenicity

Not a recognized or suspect carcinogen.

Reproductive Toxicity

Exposure to excessive amounts of iodine during pregnancy is capable of producing fetal hypothyroidism. Iodine-containing drugs have been associated with fetal goiter (Lit ref 2).

12. ECOLOGICAL INFORMATION

Ecotoxicity

No information found.

Persistence and degradability

No information found.

Mobility

No information found.

13. DISPOSAL CONSIDERATIONS

Waste Disposal

Observe local, state and federal regulations when disposing of material and containers.

Special precautions for landfill or incineration

Observe local regulations regarding disposal before sending to landfill or for incineration.

14. TRANSPORT INFORMATION

U.N. Number

None Allocated

Transport hazard class(es)

None Allocated

Storage and Transport

Keep containers in a cool location, out of direct sunlight. Avoid storage conditions that will cause excessive heating of the product. Avoid storage near gaseous or liquid ammonia.

15. REGULATORY INFORMATION

Poisons Schedule

Not Scheduled

Australia (AICS)

All the ingredients in this product are listed.

16. OTHER INFORMATION

Date of preparation or last revision of SDS

Replaces SDS dated 25/6/2010

References

Australian Code for the Transport of Dangerous Goods by Road and Rail.

International Maritime Dangerous Goods Code.

International Air Transport Association Dangerous Goods Regulations.

Globally Harmonised System of Classification and Labelling of Chemicals,ST/SG/AC.10/30, United Nations 2003

Supplier Safety Data Sheets

(1)Library of Chemical Safety Data, 2nd Edition, Lenga, Robert E. (1988)Sigma-Aldrich Corporation

(2)Hypothyroidism in Pregnancy, 298 NEW ENGL. J. MED. 150 (1978); J. SCHARDEIN

Contact Person/Point

This Safety Data Sheet summarises at the date of issue to the best of our knowledge, the health and safety hazards of the product

and how to safely handle and use the product.

As ITW Polymers & Fluids cannot anticipate or control the conditions under which the product is used, customers are encouraged, prior to usage, to assess and control the risks associated with their use of the product.

Data sheets from unauthorised sources may contain information that is no longer current or accurate.

This SDS is valid for 5 years from date of issue. However, this version may be revoked and revised at any time, and users should contact ITW Polymers & Fluids to ensure they are in possession of the latest version.

END OF SDS

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