

107 Technology Drive • Lincolnton, NC 28092 (704) 276-7100 • Fax (704) 276-7101

AMTicide® Coconut Page: 1/8

Date: 08 / 20 / 2015 Version: 9 Cancels and replaces version: 8

**SECTION 1. IDENTIFICATION** 

Product Name/Identifier AMTicide® Coconut

Product Code M14003

Recommended Use Topical Cosmetic Use; Antimicrobial

Restrictions on Use None

Supplier/Manufacturing Site Active Micro Technologies, LLC

Address 107 Technology Drive

Lincolnton, NC 28092, USA

Telephone No. (24hrs) 1-704-276-7100 Fax No. 1-704-276-7101

Emergency Telephone # 1-704-276-7100 (Mon-Fri: 8:00AM – 5:00PM EST)

#### SECTION 2. HAZARD(S) IDENTIFICATION

Classification:

GHS / CLP

Basis for Classification: Based on present data no classification and labeling is required according to GHS,

taking into account the national implementation (United Nations version 2011)

**USA** 

OSHA Regulatory Status: This material is non-hazardous as defined by the American OSHA Hazard

Communication Standard (29 CFR 1910.1200).

**Europe** 

Basis for Classification: -According to present data no classification and labeling is required

according to Directives 67/548/EEC or 1999/45/EC.

-This product is not classified as hazardous to health or environment

according to the CLP regulation.

**Labeling Elements:** 

Pictograph: No hazard symbol expected

Hazard statements/Signal Word: Not applicable

**Precautionary statements:** P233: Keep container tightly closed

P281: Use personal protective equipment as required

P402: Store in a dry place P404: Store in a closed container P410: Protect from sunlight

P411: Store at temperatures not exceeding 25°C



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#### Other hazards which do not result in classification:

No particular fire or explosion hazard.

By mechanical effect: No particular hazards. By hydroscopic effect: No particular hazards.

#### US NFPA 704 (National Fire Protection Association) Hazard Rating System:

Health hazard: Rating 0; Normal Material Flammability: Rating 0, Will Not Burn

Reactivity: Rating 0, Stable
Other Hazard Information: None

#### Results of PBT and vPvB assessment:

-PBT: Not applicable -vPvB: Not applicable

#### **SECTION 3. COMPOSITION / INFORMATION ON INGREDIENTS**

Common Chemical Name: Lactobacillus & Cocos Nucifera (Coconut) Fruit Extract

Generic name:

Chemical Family: Extract

Description: Mixture: consisting of the following components. This section describes all components of the mixture

SubstanceCAS NumbersEC NumbersPercentageLactobacillus68333-16-4N/A80.00%Cocos Nucifera (Coconut) Fruit Extract8001-31-8232-282-820.00%

Formula: Not applicable

#### **SECTION 4. FIRST-AID MEASURES**

**General:** In all cases of doubt, or when symptoms persist, seek medical attention.

**Inhalation:** Move to fresh air from exposure area. Get medical attention for any

breathing difficulty.

**Skin contact:** Rinse with soap and water. Get medical advice if irritation develops.

Eye contact: Immediately rinse with water for at least 15 minutes, while keeping the eyes

wide open. Consult with a physician.



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**Ingestion:** Consult with a physician.

**Protection of first-aiders:** No special protection required.

SECTION 5. FIRE-FIGHTING MEASURES

Fire and explosion hazards: Not considered to be a fire and explosion hazard

**Extinguishing media:** 

Suitable: Water, dry chemicals, foam & carbon dioxide.

Not suitable: None known

**Fire fighting:**Move container from fire area if it can be done without risk.

Avoid inhalation of material or combustion by-products.

Stay upwind and keep out of low area

**Protection for fire-fighters:** Boots, gloves, goggles.

**SECTION 6. ACCIDENTAL RELEASE MEASURES** 

**Personal precautions:** Avoid contact with eyes.

Personal Protective Equipment:

-Protective goggles

**Environmental precautions:** Prevent entry into sewers and waterways. Do not allow material to

contaminate ground water system

Methods for cleaning up:

Recovery: Pick up free liquid for recycling or disposal. Residual liquid can be

absorbed on an inert material.

Cleaning/Decontamination: Wash non-recoverable remainder with water.

Disposal: For disposal of residues refer to sections 8 & 13.

#### SECTION 7. HANDLING AND STORAGE

Handling

Technical measures: Labeling: Keep out of the reach of children.

Measures: For industrial use, only as directed.

Safe handling advice: Wash hands after use. Avoid storage near feed or food stuff.



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Storage

Technical measures: Keep container closed.

Recommended Storage Conditions: Store in a cool, dry place. This product should be stored at room

temperature (23 - 25°C). It should not be exposed to excessive heat or

cold. Do not freeze.

Incompatible products: Avoid contact with strong oxidizers.

Refer to the detailed list of incompatible materials (Section 10 Stability/Reactivity)

Packaging: Product may be packaged in normal commercial packaging.

Packaging materials: Product may be packaged in normal commercial packaging.

Recommended - Polypropylene & High Density Polyethylene

#### SECTION 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

**Precautionary statements:** Ensure adequate ventilation

**Control parameters** 

Occupational exposure Limits:

France: Not Determined ACGIH: Not Determined Korea: Not Determined UK: Not Determined

Surveillance procedures: Not Determined Engineering measures: Not Determined

**Personal Protective Equipment:** 

Respiratory protection: Local exhaust

Hand protection: Protective gloves made of rubber or neoprene.

Eye protection: Safety glasses. Collective emergency equipment: Eye fountain.

Skin and Body Protection: Suitable protective clothing

Hygiene measures: Handle in accordance with good industrial hygiene and safety practice.

Measures related to the Environment: No particular measures.

#### **SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES**

Appearance: Clear to slightly hazy liquid

Color: 5 Gardner Maximum

Odor: Characteristic

**pH:** 7.0 – 9.0



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**Solids (1g-105°C-1hr):** 20.0 – 25.0%

Heavy Metals: < 20 ppm Arsenic: < 2 ppm

**Lipopeptide Content:** 0.5% Minimum

**Minimum Inhibitory Concentration** 

Organism (ATCC#):

 C. albicans (#10231):
 0.25 - 2.00%

 A. brasiliensis (#16404):
 0.25 - 2.00%

**Specific Gravity:** 1.033 – 1.040

Vapor density: Not applicable

**Boiling Point:** 100°C Freezing Point: 0°C

Melting point: Not applicable

Flash point: > 200°F

Oxidizing properties: Non oxidizing material according to EC criteria.

Solubility:

In water: Soluble

In organic solvents:

Log P:

Not determined

Not determined

#### **SECTION 10. STABILITY AND REACTIVITY**

Stability: Stable under ordinary conditions of use and storage up to one year then

re-test to full product specifications to extend shelf life

Hazardous reactions: None known

**Conditions to avoid:**No dangerous reactions known under use of normal conditions.

Avoid extreme heat.

Materials to avoid: No dangerous reaction known with common products.

Hazardous decomposition products: None known

#### **SECTION 11. TOXICOLOGICAL INFORMATION**

Ingestion: Not Determined

**Dermal:** Non-Irritant (Dermal Irritection Model & 48 Hour Patch Test)

Ocular: Non-Irritant (Ocular Irritection Model)

Inhalation: Not Determined



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Acute toxicity data: EC50 (Acute Daphnia): 138.4 mg/L - Not harmful to aquatic organisms

Sensitization: Non-Primary Irritant & Non-Primary Sensitizer (RIPT, In-Vitro Skin

Sensitization Report & Direct Peptide Reactivity Assay)

Repeated dose toxicity: No known effects
Subacute to chronic toxicity: Not Determined

Mutagenicity/genotoxicity: Non-mutagenic

Additional Toxicological Information: This product is not subject to classification according to the calculation

method of the General EU Classification Guidelines for Preparations as

issued in the latest version.

Specific effects:

Carcinogenicity:

Mutagenicity:

Reproductive toxicity:

No known effects

**For more information:** Does not present any particular risk on handling under normal

conditions of good occupational hygiene practice.

This product has not been tested for the following:

-Primary cutaneous and corrosive irritation

-Acute oral toxicity

#### **SECTION 12. ECOLOGICAL INFORMATION**

**Ecotoxicity** 

Effects on the aquatic environment: Not Determined

Biodegradability:

Persistence: Readily Biodegradable

**Bioaccumulation:** 

Octanol / water partition coefficient: Not Determined

**Mobility:** Precipitation:

Expected behavior of the product: Ultimate destination of the product: Soil & sediment.

Other Adverse Effects: None known



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#### **SECTION 13. DISPOSAL CONSIDERATIONS**

**Residues from product** 

Prohibition: Do not allow the product to be released into the Environment.

Destruction/Disposal: Dispose of in accordance with relevant local regulations

Contaminated packaging

Decontamination/cleaning:

Destruction/Disposal:

Cleaning is not required prior to disposal.

Note: Take all necessary precautions when disposing of this product according to local regulations.

#### **SECTION 14. TRANSPORT INFORMATION**

UN Number: None UN Shipping Name: None

**Transport Hazard Class:** Not classified as dangerous for transport

Land (rail/road): Material is not restrictive for land transport and is not regulated by ADR/RID
Sea: Material is not restrictive for sea transport and is not regulated by IMO/IMDG
Air: Material is not restrictive for land transport and is not regulated by ICA/IATA

Marine Pollutant: No

Transport/Additional Information: Not regulated for US DOT Transport in non-bulk containers

This material is not dangerous or hazardous

Special Precautions for User: None known

The above regulatory prescriptions are those valid on the date of publication of this sheet. However, given the possible evolution of transport regulations for hazardous materials and in the event of the MSDS in your possession dating back more than 12 months, it is advisable to check their validity with your sales office.

#### **SECTION 15. REGULATORY INFORMATION**

Labeling:

EC regulations: This product does not need to be labeled in accordance with EC Directives or

respective national laws

Further regulations

United Kingdom: Handle in accordance with relevant British regulation: control of

substance Hazardous to Health Regulations Environmental

Hygiene Guidance: EH40

Workplace Exposure Limits (revised annually)



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Korea regulations: Industrial safety and hygiene regulation: No

Hazardous material control regulation: No Fire prevention regulation: No

Other regulations:

EINECS inventory status: Lactobacillus: N/A

Cocos Nucifera Fruit Extract: 232-282-8

TSCA inventory status: Exempt

AICS inventory status: 68333-16-4 & 8001-31-8

Canadian (CEPA DSL) inventory status: Listed as Lactobacillus acidophilus (Revised ICL) & Coconut Oil (DSL)

Japan (MITI list):

Korea:

Lactobacillus & Cocos Nuifera (Coconut) Fruit Extract

Lactobacillus & Cocos Nuifera (Coconut) Fruit Extract

China inventory status:

Lactobacillus & Cocos Nuifera (Coconut) Fruit Extract

Philippines inventory status: Not Listed: Lactobacillus (68333-16-4)

Listed as Coconut oil

^Not listed in 2004 CTFA Dictionary - Registered with Personal Care Products Council

Note: The regulatory information given above only indicates the principal regulations specifically applicable to the products described in this sheet. The user's attention is drawn to the possible existence of additional provision which complete these regulations. Please refer to all applicable international, national and local regulations and provisions

#### **SECTION 16. OTHER INFORMATION**

Prohibited uses: For specific uses, food industry, ask the manufacturer for more information.

Last Revision Date: 08/13/2015 Preparation Date: 08/20/2015

MSDS summary of changes - Updated Transport Information - Section 14 (Transport Information)

- Added Irritation Data – Section 11 (Toxicological Information)

- Added Dermal Irritation Data & Sensitization Data - Section 11 (Toxicological Information)

- Added Acute Toxicity & Mutagenicity Data – Section 11 (Toxicological Information)

& Added Biodegradability Data – Section 12 (Ecological Information)
- Added Sensitization Data – Section 11 (Toxicological Information)

- Added Lipopeptide Content – Section 9 (Physical & Chemical Properties)

- Added Sensitization Data – Section 11 (Toxicological Information)

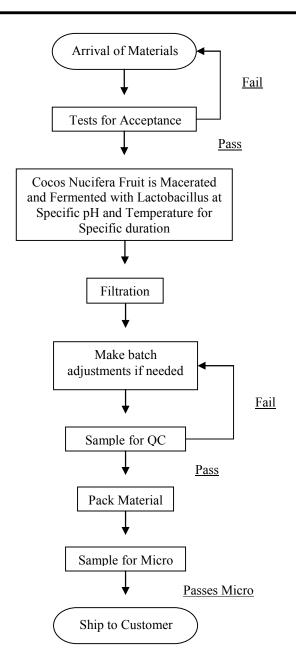
- Added Specific Gravity - Section 9 (Physical & Chemical Properties)

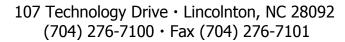
The information given is based on our knowledge of this product, at the time of publication in good faith. The attention of the user is drawn to the possible risks incurred by using the product for any other purpose other than which it was intended. This is not in any way excuse the user from knowing and applying all the regulations governing their activity. It is sole responsibility of the user to take all precautions required in handling the product. The purpose of mandatory regulation mentioned is to help the user to fulfill his obligations regarding the use of products. This information is not exhaustive, this is not exonerate the user from ensuring that legal obligations other than those mentioned, relating to the use and storage.



# M14003-AMTicide® Coconut Manufacturing Flow Chart

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# **AMTicide<sup>®</sup> Coconut**Certificate of Compliance

**Code:** M14003

INCI Name: Lactobacillus & Cocos Nucifera (Coconut) Fruit Extract

INCI Status: Approved

**CAS #:** 68333-16-4 & 8001-31-8

**EINECS #**: N/A & 232-282-8

The following information on regulatory clearances is believed to be accurate and is given in good faith as a guide to a global use of our ingredients in cosmetic applications. No representation or warranty as to its competences or accuracy is made. Information is offered for use in general cosmetic applications and may vary in particular applications. Users are responsible for determining the suitability of these products for their own particular use. All regulatory decisions should be made on the advice of your regulatory group or legal counsel.

Country / Regulatory Body	Status of Product	
EU (REACH)	Compliant	
USA (TSCA)	Exempt	
Australia (AICS)	Compliant	
Japan (METI)	Compliant	
Canada (DSL)	Compliant	
China (IECSC)	Compliant	
Brazil (ANVISA)	Compliant	
Korea (KECI)	Compliant	
Philippines (PICCS)	Contact Us	
Taiwan (FDA 2.0!)	Compliant	



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# AMTicide® Coconut Code: M14003

Attention must be paid to the use of AMTicide<sup>®</sup> Coconut in the equivalent of OTC formulations (eg. quasi-drugs in Japan, or therapeutic goods in Australia). Some countries maintain restricted inventories of raw materials that can be used in those applications so more detailed guidance may be required.

AMTicide<sup>®</sup> Coconut and any components or impurities are in compliance with the rules governing cosmetic products in the European Union (Directive 76/768/ECC & Regulation No. 1223/2009). The recommended use levels for AMTicide<sup>®</sup> Coconut is 2.00 – 4.00%.

AMTicide<sup>®</sup> Coconut is considered a non-hazardous material. All significant toxicological routes of absorption have been considered as well as the systemic effects and margin of safety (MoS) based on a no observed adverse effects level (NOAEL). Due to the restriction placed on animal testing of cosmetic raw materials, and Active Micro Technologies, LLC's internal non-animal testing policy, this product was not tested for NOAEL.

AMTicide<sup>®</sup> Coconut was tested using *in vitro* dermal and ocular irritation models. This product was found to be non-irritating in both models.

As of June 18, 2012, AMTicide<sup>®</sup> Coconut does not contain any substances present on the so called "candidate list" provided by the European Chemicals Agency (ECHA). We further certify that our product is not listed on CITES.

AMTicide<sup>®</sup> Coconut is in compliance with the standardized set of rules developed and approved by the NPA (Natural Products Association).

To our knowledge the above material is free of CMR (\*) substances, as defined according to Regulation (EC) No 1272/2008 and Cosmetic Regulation (EC) No 1223/2009 as amended.

(\*) Carcinogenic, Mutagenic, toxic for Reproduction

Active Micro Technologies, LLC certifies that to the best of our knowledge our product does not contain any chemicals known or suspected by the State of California to cause cancer or reproductive toxicity as listed under the California Safe Cosmetics Act & Proposition 65.

Active Micro Technologies, LLC certifies that AMTicide® Coconut does not contain any materials prohibited by Halal laws.

AMTicide® Coconut is REACH Compliant and free of the following:

- Formaldehyde or formaldehyde donors
- Glycol ethers
- Gluten
- Lactose
- Nanoparticles
- Nitrosamines
- Palm oil/palm kernel oil (or derivatives)
- Parabens
- Paraffin/petroleum products
- Phthalates
- Polyethylene glycol (PEG)
- · Residual solvents
- Sulfates
- · Volatile organic compounds/solvents



# **REACH Compliance Statement**

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Trade Name: AMTicide® Coconut (M14003)

INCI Name: Lactobacillus & Cocos Nucifera (Coconut) Fruit Extract

This is to certify that AMTicide® Coconut is REACH compliant. Lactobacillus & Cocos Nucifera (Coconut) Fruit Extract are exempt from registration under REACH as they're currently manufactured and/or exported at less than 1 tonne per year.

If you have further questions, please feel free to contact Heather Ferguson at hferguson@activeconceptsllc.com.



### VERIFICATION OF THE RAW MATERIALS CONFORMITY TO THE ECOCERT AND COSMOS COSMETIC STANDARDS

#### THIS DOCUMENT IS NOT AN ORGANIC CERTIFICATE

Company: ACTIVE MICRO TECHNOLOGIES LLC Attestation n°: 4757

Page I on 4

The conformity (conf.) is established according to the requirements related to the raw materials contained in the applicable

The present document is only valid for ECOCERT until official COSMOS publication of the raw materials on the website: http://www.cosmos-standard-rm.org/

\*reference related to the appendices II and/or V of the Cosmos standard.

AMTicide Coconut (M14003)

Function: Skin conditioning, Hair conditioning

INCI: Lactobacillus (and) Cocos Nucifera (Coconut) Fruit Extract

Conf. ECOCERT:

YES

100 % of natural origin (

0 % of physically processed vegetal ingredients)

0 % synthetic

Conf. COSMOS:

PPAI: YES

0%

CPAI:

100%

Petrochemical moiety:

0 %

Non natural ingredient :

0%

Comments:

Leucidal Advanced - Aloe (M15015)

Function: Moisturizing, Skin conditioning, Antimicrobial

INCI: Water (and) Leuconostoc/Aloe Barbadensis Leaf/Sorbus Aucuparia Fruit Ferment Filtrate

Conf. ECOCERT:

YES

100 % of natural origin (

0 % of physically processed vegetal ingredients)

0 % synthetic

Conf. COSMOS:

PPAI: YES

0%

CPAI:

18%

Petrochemical moiety:

0 %

Non natural ingredient:

0%

Comments:

Drawn up in l'Isle Jourdain, valid from 01/01/2015

> until 31/12/2015

Matthieu Bouffartigue

Raw Materials Service Manager

WARNING: The present document belongs to ECOCERT Greenlife SAS. It must be erased on ECOCERT request.

The approval of the raw material(s) listed above is PERSONAL to the beneficiary named herein, and the BUYERS of the raw material(s) ARE IN NO EVENT AUTHORIZED TO MAKE REFERENCE TO THE APPROVAL BY ECOCERT GREENLIFE OR TO USE AN ECOCERT LOGO, whether in its communication or on the packaging or labeling of the raw material(s) or of a finished cosmetic product.



The conformity (conf.) is established according to the requirements related to the raw materials contained in the applicable standard(s).

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\*reference related to the appendices II and/or V of the Cosmos standard.

Leucidal Advanced - Rowan (M15018)

Function: Emollient, Skin conditioning, Antimicrobial

INCI: Water (and) Leuconostoc/Sorbus Aucuparia Fruit Ferment Filtrate

Conf. ECOCERT: YES 100 % of natural origin ( 0 % of physically processed vegetal ingredients)

0 % synthetic

Conf. COSMOS: YES PPAI: 0% CPAI: 16% Petrochemical moiety: 0%

Non natural ingredient: 0 %

Comments:

Leucidal Liquid (M15008) Function: Moisturizing, Skin conditioning, Antimicrobial

INCI: Leuconostoc/Radish Root Ferment Filtrate

Conf. ECOCERT: YES 100 % of natural origin ( 0 % of physically processed vegetal ingredients)

0 % synthetic

Conf. COSMOS: YES PPAI: 0% CPAI: 52% Petrochemical moiety: 0%

Non natural ingredient: 0 %

Comments:

Leucidal Liquid PT (M15021) Function: Skin conditioning, Antimicrobial

INCI: Lactobacillus Ferment

Conf. ECOCERT: YES 100 % of natural origin ( 0 % of physically processed vegetal ingredients)

0 % synthetic

Conf. COSMOS: YES PPAI: 0% CPAI: 18% Petrochemical moiety: 0%

Non natural ingredient: 0 %

Comments:

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until 31/12/2015 Raw Materials Service Manager

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\*reference related to the appendices II and/or V of the Cosmos standard.

Leucidal Liquid SF (M15019)

Function: Moisturizing, Skin conditioning, Antimicrobial

INCI: Lactobacillus Ferment

Conf. ECOCERT:

YES

100 % of natural origin (

0 % of physically processed vegetal ingredients)

0 % synthetic

Conf. COSMOS:

PPAI: YES

0%

10%

Petrochemical moiety:

0 %

Non natural ingredient:

0 %

CPAI:

Comments:

Leucidal Liquid SF (M15019CHI)

Function: Skin conditioning, Antimicrobial

INCI: Leuconostoc/Radish Root Ferment Filtrate

Conf. ECOCERT:

YES

100 % of natural origin (

0 % of physically processed vegetal ingredients)

0 % synthetic

Conf. COSMOS:

PPAI: YES

0%

CPAI:

0%

10%

Petrochemical moiety:

0 %

Non natural ingredient :

Comments:

PhytoCide Aspen Bark Extract Powder (M16002)

Function: Skin conditioning, Antimicrobial

INCI: Populus Tremuloides Bark Extract

Conf. ECOCERT:

YES

100 % of natural origin (

100 % of physically processed vegetal ingredients)

0 % synthetic

Conf. COSMOS:

PPAI: YES

100%

CPAI:

0%

Petrochemical moiety:

0 %

Non natural ingredient :

0%

Comments:

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> 31/12/2015 until

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\*reference related to the appendices II and/or V of the Cosmos standard.

PhytoCide Black Currant Powder (M16001)

Function: Soothing, Skin conditioning, Antimicrobial

INCI: Ribes Nigrum (Black Currant) Fruit Extract

Conf. ECOCERT:

YES

100 % of natural origin (

100 % of physically processed vegetal ingredients)

0 % synthetic

Conf. COSMOS:

PPAI: YES

100%

0%

Petrochemical moiety:

0 %

Non natural ingredient:

Comments:

PhytoCide Elderberry OS (M16003)

CPAI:

0%

Function: Skin conditioning, Antimicrobial

INCI: Sambucus Nigra Fruit Extract

Conf. ECOCERT:

YES

100 % of natural origin (

100 % of physically processed vegetal ingredients)

0 % synthetic

Conf. COSMOS:

PPAI: YES

100%

CPAI:

0%

0%

Petrochemical moiety:

0 %

Non natural ingredient :

Comments:

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