

ACIDCHEM INTERNATIONAL SDN. BHD.

(111715-H)

Ionizing Radiation and Sewage Sludge Statement.

RE: Glycerine USP

Glycerine USP is produced at Acidchem International Sdn Bhd at company's facility in 2411, Lorong Perusahaan Satu, Prai Industrial Complex, 13600, Prai, Penang, Malaysia and is manufactured entirely from naturally occurring vegetable oil sources (palm oil).

Acidchem International Sdn Bhd, certifies that Glycerine USP and all its starting materials, have not been irradiated by any means and have not been in contact with sewage sludge.

Signature of company representative:

Name: Mr. Mak King Seng

Title: Quality Control Manager

Date: 14th/ Oct / 2008

Company Stamp: Phone: 604 3907818

Fax: 604 3907252

Email: makks@ioioleo.com.my

Disclaimer:

...tn, 12.

The above information is provided for your sole information only and shall not be divulged to or shared with any third parties other than your subsidiaries. The information herein provided is based on facts existing as at the date here of and may change with time. Notwithstanding anything to the contrary hereinstated, our company makes no representation or warranty, express or implied, as to the accuracy, completeness or reliability of any information, advice, statement of intent or statement of opinion made or given herein nor does anything hereinstated constitute a representation or warrant, express or implied in respect of our products including but not limited to specifications, quality, safety or fitness for any particular purpose. You acknowledge that any reliance on any such information shall be at your sole risk and we shall not be held liable in anyway whatsoever arising form such reliance.



To Whom It May Concern:

Our Glycerine 99.7% does comply with the Commission Directive 96/11/EC E 422 - E422 for Glycerine.

Joe Emuang Vice President



September 25, 2009

To Whom It May Concern:

We certify that Glycerine 99.7% manufactured by Acidchem International conforms to U\$P specifications including Identification A and B.

Joseph Emuang Vice President Addchem (USA) Inc.



E-mail: Sales@IOIOLEO-USA.com



2411, Lorong Perusahaan Satu, Prai Industrial Complex, 13600 Prai, Penang, Malaysia.

P. O. Box 237, 12720 Butterworth, Penang, Malaysia.

T: +60-4-376 8888 F: +60-4-390 7252 E: sales@ioioleo.com W: www.ioioleo.com

To Whom It May Concern

Date:

6 February 2015

Re : No Animal Testing

Based on our best knowledge of the manufacturing process and handling of raw materials and finished products, Acidchem International Sdn Bhd does not conduct any animal testing towards the products – Glycerine & Fatty acids*.

* Palmac 505, Palmac 98-06, Palmac 99-06, Palmac 56-08, Palmac 99-08, Palmac 99-10, Palmac 70-12, Palmac 98-12, Palmac 99-12, Palmac 98-14, Palmac 99-14, Palmac 600, Palmac 605, Palmac 630, Palmac 640, Palmac 55-16, Palmac 80-16, Palmac 95-16, Palmac 98-16, Palmac 50-18, Palmac 65-18, Palmac 70-18, Palmac 90-18, Palmac 98-18, Palmac 1400, Palmac 1500, Palmac 1600, Palmac 750, Palmac 760 & Palmac 770.

Certified by,

MAK KING SEMG
Quality Control Manager

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To Whom It May Concern,

Date

24/4/2014

<u>Glycerine</u> Re:

Glycerine produced by Acidchem International Sdn Bhd is obtained from natural sources; therefore, it is exempt from REACH registration. product is in the closed list of Annex V, entry 9 of EC 987/2008 -Exemptions from the obligation to register in accordance with article 2(7)(b) -[Glycerol]'.

Certified by,

Quality Control Manager

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To Whom It May Concern,

Date

29/12/2011

Re: GLYCERINE

Based on our best knowledge of manufacturing process and handling of raw material and finished products, we do not use or add any of the CMR (Carcinogenic, Mutagenic, Toxic for Reproduction) category 1, 2 & 3 substances. Therefore, we certify that our products, Glycerine does not contain substances listed CMR category 1, 2 & 3 in accordance with Annex I of Council Directive 67/548/EEC and amendments.

Certified by,

MAK KING SENG

Quality Control Manager

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Pan-Century Oleochemicals Sdn. Bhd. (168183-W)

Lot 231, Jalan Pekeliling, 81700 Pasir Gudang, Johor, Malaysia.

IOI OLEOCHEMICALS T: +607-251 2298; 251 7833

F: +607-251 2634

To Whom It May Concern,

Date: 17.07.2013

Product : Glycerine.

Based on our best knowledge of the manufacturing process and handling of raw materials and finished products, we do not use or add any metallic compounds and organic solvents in the manufacturing of Glycerine.

Therefore we declare and confirm that Glycerine manufactured by Pan-Century Oleochemicals Sdn. Bhd. will meet the following limits as stated.

<u>Parameters</u>	Results	
Arsenic (ppm)	<0.1	
Cadmium (ppm)	<0.1	
Lead (ppm)	<0.1	
Mercury (ppm)	<0.02	
Organic volatile impurities	Passes USP specs	
Pesticide residue (ppm)	ND (<0.01)	

Certified by,

Rathamani Lab Manager

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Pan-Century Oleochemicals Sdn. Bhd. (168183-W)

Lot 231, Jalan Pekeliling, 81700 Pasir Gudang, Johor, Malaysia.

IOI OLEOCHEMICALS T: +607-251 2298; 251 7833

F: +607-251 2634

Date: 21.05.2012

TO WHOM IT MAY CONCERN

Product: Glycerine 99.7% USP

Based on our best knowledge of manufacturing process and handling of raw materials and finished products, Pan-Century Oleochemicals Sdn. Bhd does not use or add any of the following chemicals.

- 1.Parabens.
- 2. Phthalates.
- 3. Phenoxyethanol.

Therefore we declare that Glycerine produced by Pan-Century Oleochemicals Sdn. Bhd. does not contain any of the above chemicals.

Lab Manager

<u>Disclaimer</u>

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ACIDCHEM INTERNATIONAL SDN. BHD.

(111715-H)

To Whom It May Concern,

Date:

15/04/2009

Re

Glycerine

Based on our best knowledge of manufacturing process and handling of raw materials and finished products, Acidchem International Sdn Bhd do not use or add any Diethylene Glycol and Ethylene Glycol.

Therefore, we declare that Glycerine produced by Acidchem International Sdn Bhd do not contain any Diethylene Glycol or Ethylene Glycol (less than 0.1%) refer to USP 31 specification and test method for limit of Diethylene Glycol and Related Compounds.

Certified by.

A.V. Paramasivam

Senior Chemist

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Acidchem International Sdn. Bhd. (111715-H)

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March 25, 2013

Letter of Continual Guarantee

Acidchem International Sdn. Bhd. guarantees our Glycerine is 99.7% min USP Kosher, Halal certified, ISO 9001 certified and ISO 22000(inclusive of GMP) certified.

Our Glycerine is 100% vegetable-based made from palm oil/palm kernel oil at our manufacturing location site in Malaysia.

Lim Chee Wee

Assistance Manager – QA

Leewer



ACIDCHEM (USA) INC.

201 West Passaic Street, Suite 100Rochelle Park, NJ 07662T: 201-909-0305, 1-888-767-9077

F: 201-909-9892

E: sales@ioioleo-usa.com

W: www.ioioleo.com

January 8, 2016

To Whom It May Concern,

We confirm that the Glycerine 99.7% USP supplied by Acidchem (USA) Inc. does not have a Drug Master File number filed with the FDA. However, we would be willing to assist a current buyer for our Glycerine, file with the FDA with the purpose of obtaining a DMF number.

√e Emuang ✓ Vice President

Acidchem (USA) Inc.



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To Whom It May Concern,

Date:

16/02/2015

Re

GLYCERINE

This is to certify that the Glycerine produced by Acidchem International Sdn. Bhd. meet the following microbiological specifications:

Test Parameter	Typical Results	Specification
1. Total Aerobic Microbial Count	<10cfu/g	Max 200cfu /g
2. Total Combined Yeast & Moulds Count	<10cfu/g	Max 100cfu /g
3. Escherichia coli	Absent/g	Absent/g
4. Staphylococcus aureus	Absent/g	Absent/g
5. Pseudomonas aeruginosa	Absent/g	Absent/g
6. Salmonella	Absent/10g	Absent/10g
7. Bile tolerant Gram Negative Bacteria	Absent/g	Absent/g

Test Method Used: USP38

Certified By,

SIM HOOI CHEAN Microbiologist

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March 27, 2014

To Whom It May Concern:

With respect to the use of raw materials IOI Group takes not only the economic but also the environmental and social impacts into consideration. The cultivation of palm oil and palm kernel oil is economically far more effective than other vegetable oils, but leads to environmental and social problems in the meantime, particularly in Southeast Asia because of the deforestation. IOI Group has been constantly taking active approaches to managing sustainability.

On the Oleochemical front, the switch to using sustainable palm oil and raw materials under the RSPO Supply Chain Certification Schemes, namely the Mass Balance and Segregation categories is based on 1) the request from the buyer mentioning which measure "Mass Balance" or "Segregated" to be used when placing an order, 2) the volume of the order(s) as minimum order quantities (MOQ) for the use of sustainable palm oil apply and 3) the amount of sustainable palm oil available for purchase from the commodity market. A premium will generally apply when sustainable palm oil is used. Purchases through the "Segregation" system will generally carry the highest extra cost. Nevertheless, it remains our ultimate objective to support RSPO and procure certified sustainable materials under the Segregated System to be used in the manufacturing of Oleochemical products.

Jøe Emuang Viga Prasidan



ACIDCHEM (USA) INC.

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W: www.ioioleo.com

February 24, 2016

To Whom It May Concern,

We confirm that our Glycerine 99.7% USP is of vegetable origin and is produced through hydrolysis (splitting) of fats and oils.

Regards,

∕loe Emuan¢

Vice President