

Test Report

No.: VNSL1812028713TX

Date: Dec 18, 2018

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CONG TY TNHH HOA CHAT HUNG XUONG

KCN HAI SON, AP BINH TIEN 2, XA DUC HOA HA, HUYEN DUC HOA,
TINH LONG AN, VIETNAM

The following sample was submitted and identified by the client as:

Sample No.	Sample Description
A	SINOPOL TL-920 (H-252) in CLEAR WHITE LIQUID

Color Submitted : CLEAR WHITE LIQUID

Supplier : SINO-JAPAN CHEMICAL CO., LTD

Lot No. : 11148134H252

Cas No. : 64366-70-7

End use : Apparel

Sample Receiving Date : Dec 06, 2018 PM. Confirmation date: Dec 11, 2018

Test Performing Period : Dec 11, 2018 – Dec 18, 2018

Test Performed : Selected test(s) as requested by applicant.

* * *

Test Results : Please refer to the next page(s).

Signed for and on behalf of
SGS Vietnam LTD



Rhodora Quinto
Softlines Lab Manager

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Component List / List of Materials

Sample No.	Component	Material	Color	Fiber Type	Remark
A1	Transparent liquid	Chemical	Transparent	-	-

PHOTO OF SUBMITTED SAMPLE



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Test Result:

1,4-Dioxane

Test Method: In-house Method. Analysis was conducted by headspace GC-MS

	<u>CAS No</u>	<u>Result</u> <u>(mg/kg)</u>
		<u>A1</u>
1,4-Dioxane	123-91-1	n.d.

Note: n.d.= not detected
mg/kg = ppm
Detection Limit = 1.0 mg/kg

Ethylene oxide

Test Method: In-house Method. Analysis was conducted by headspace GC-MS

	<u>CAS No</u>	<u>Result</u> <u>(mg/kg)</u>
		<u>A1</u>
Ethylene oxide	75-21-8	n.d.

Note: n.d.= not detected
mg/kg = ppm
Detection Limit = 1.0 mg/kg

Glycols

Test Method : In-house method by solvent extraction. Analysis was performed by GC-MS

<u>Chemical Substances</u>	<u>CAS No</u>	<u>Results</u> <u>(mg/kg)</u>
Bis(2-methoxyethyl)-ether	111-96-6	n.d.
2-Butoxyethanol	111-76-2	n.d.
2-Ethoxyethanol	111-15-9	n.d.
2-Ethoxyethyl acetate	111-15-9	n.d.
Ethylene glycol dimethyl ether	110-71-4	n.d.
2-Methoxyethanol	109-86-4	n.d.
2-Methoxyethylacetate	110-49-6	n.d.
2-(2-Methoxyethoxy)-ethanol	111-77-3	n.d.
1-Methoxy-2-propanol	107-98-2	n.d.
2-Methoxy-1-propanol	1589-47-5	n.d.
2-Methoxypropylacetate	70657-70-4	n.d.
Triethylene glycol dimethyl ether	112-49-2	n.d.

Note: n.d.= not detected
mg/kg = ppm
Detection Limit:
2-(2-Methoxyethoxy)-ethanol : 1.0 mg/kg
Others: 5.0 mg/kg

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Alkylphenols (AP) & Alkylphenol Ethoxylates (APEO) (*)

Test Method: With reference to ISO 18254-1:2016. Analysis was conducted by HPLC-MS.

		Result (mg/kg)
	CAS-No.	A1
Nonylphenol (NP)	--	n.d.
Octylphenol (OP)	--	n.d.
Nonylphenol Ethoxylate (NPEO)	--	n.d.
Octylphenol Ethoxylate (OPEO)	--	n.d.

Note: n.d. = not detected
 mg/kg = ppm
 Detection Limit
 NP, OP = 10 mg/kg (for individual substance)
 NPEO, OPEO = 30 mg/kg (for individual substance)

Remark: Above test (*) is accredited ISO 17025:2005 by VILAS.

Report results refer to submitted sample(s) only

*** End of Report ***

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