



Paydar Saz Shimi

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Payaflex™ 65

Product Description:

Payaflex 65 is a Epoxydized Soya Bean Oil.

Applications:

Payaflex 65 is a non-toxic co-stabilizer used in both rigid and plasticized PVC and other chlorine containing polymers. Its stabilizing function is based on the ability of binding hydrogen chloride. As a co-stabilizer for organo-tin or metal soap stabilizers it has a positive effect on the long-term heat stability.

Moreover, **Payaflex 65** remarkably improves the weatherability of PVC articles. As a fatty acid ester **Payaflex 65** also acts as both internal lubricant and plasticizer but could not be used as a sole plasticizer and has been proven that it would give best results when replaces 10 – 15% of the total plasticizer content.

Rigid PVC: In rigid PVC processing **Payaflex 65** acts as a co-stabilizing internal lubricant.

Payaflex 65 is particularly essential in the production of non-toxic rigid PVC articles based on calcium/zinc stabilizers. Only this combination provides adequate stabilization of rigid PVC compounds processed on production equipment such as calenders or extrusion blow molding machines.

Plasticized PVC: **Payaflex 65** is being used as a co-stabilizer in all plasticized PVC formulations stabilized with metal soaps.

DISCLAIMER: To the best of our knowledge the information stated here is correct. All products may present unknown health hazards and should be used with caution. Final determination of suitability is the sole responsibility of the user. Users of the products should satisfied themselves that the conditions and methods of use assure that the product is used safely. No representation or warranties either express or implied, of merchantability, fitness for a particular purpose or any other nature are made hereunder with respect to information contained herein or the product to which the information refers. Nothing herein is intended as a recommendation to use our products so as to infringe any patent. We assume no liability for customer's violation of patent or rights.



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Typical Properties:

Assay	Units	TYPICAL VALUES
Appearance	==	Very light Pale yellow clear liquid
Oxirane oxygen value	%	6.5 (+/-0.3)
Iodine Value	%	0.5 (max)
Free Fatty Acid	%	0.1 (max)
Moisture + volatile	%	0.1 (max)
Sp.Gr. @ 27°C	==	0.94-0.99
Refractive Index @ 27°C	==	1.470-1.472
Turbidity point	°C	-8 °C

Recommended dosage:

*Recommended concentration for rigid PVC: 1.0 – 3.0 phr;
concentration for plasticized PVC: 1.0 – 5.0 phr; the amount of epoxy
compound used has to be adapted to the total plasticizer*

Information for safe handling:

Open and handle receptacle with care.

Storage:

Recommended storage temperature: 15 – 30°C.

*At temperatures < 15°C precipitations may occur which can be re-
dissolved by raising temperature to 50°C.*

Keep containers dry and reseal tightly after use.

Standard Packaging:

200 Kg barrel, conform to the UN regulation

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