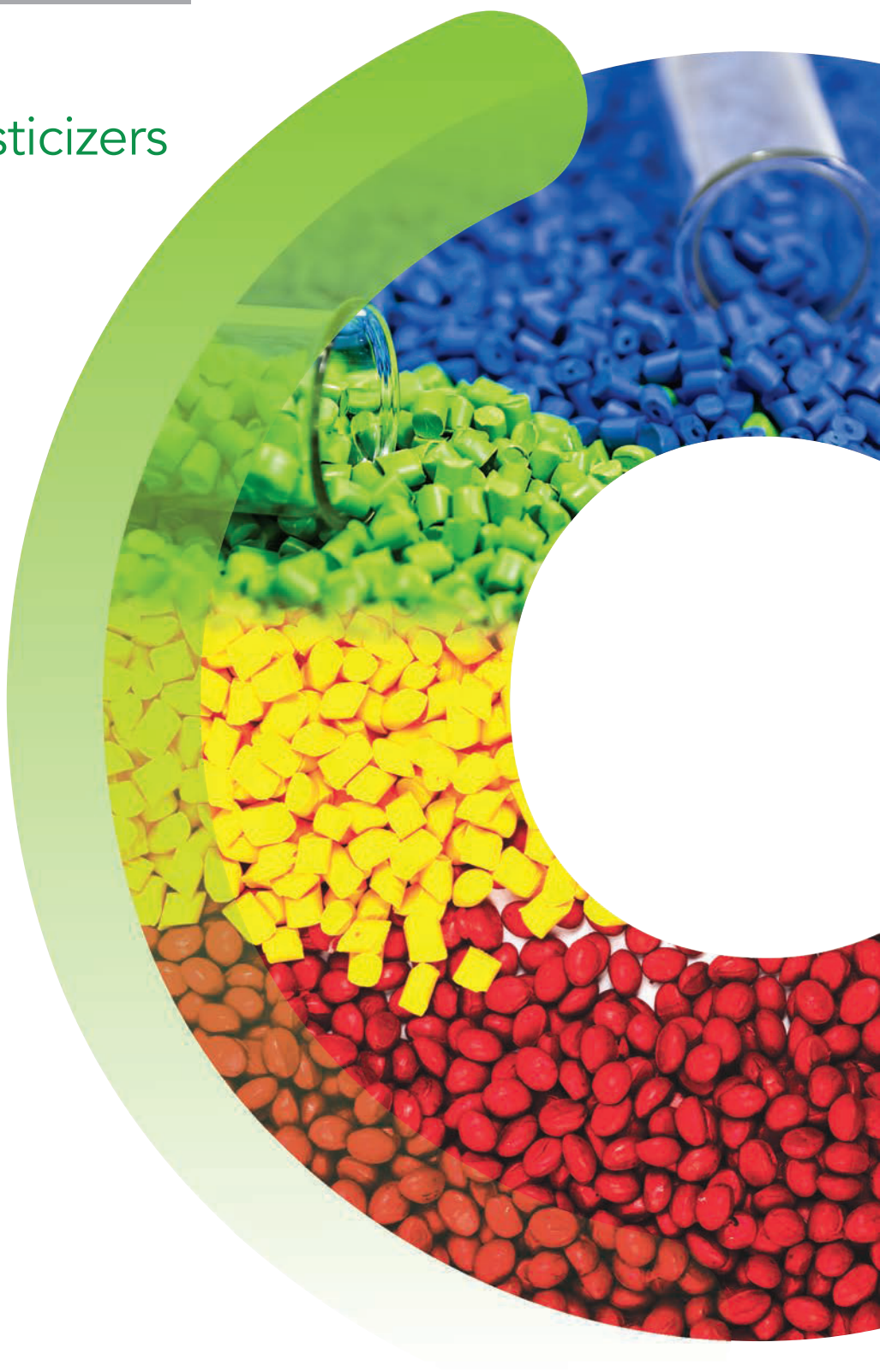


twist™

Phthalate Free  
Eco-friendly Plasticizers





## INTRODUCING TWIST

### PHthalate FREE, ECO-FRIENDLY & SUSTAINABLE ALTERNATIVE TO PRIMARY PLASTICIZERS

TWIST range of phthalate free specialty blends serves as best alternative to Primary plasticizers which are added with PVC to make it **softer** and **more flexible**. It supports in increased plasticisation, lubrication requirements & decreases viscosity in PVC formulations. The TWIST range consists of two grades **TWIST FC 73** & **TWIST FM-M0**, and various sub-grades with specific properties, that find applications in manufacture of Compounds - Wires & Cables/Footwear /Paver blocks, Plastisol -Textile auxiliaries/inks, Pipes, Fabric PVC-leather Coating, PVC films, etc.





## FEATURES & BENEFITS



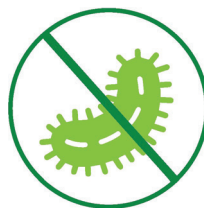
IMPARTS  
**FLEXIBILITY**  
TO PVC RESIN



ENHANCED  
**TENACITY**



EXCEPTIONAL  
**COMPATIBILITY**  
WITH VARIOUS PLASTICIZER



SUPERIOR  
**ANTI-MICROBIAL**  
PROPERTIES



EXCELLENT  
**WATER**  
**REPELLENCY**



IMPARTS **FLAME**  
**RETARDANT**  
PROPERTY



## APPLICATIONS

		Twist FC 73 E	Twist FC 73 EU	Twist FC 73 EUD	Twist FM-M0	Twist FC 73 AP
	Wire & Cables compounds	✓	✓	✓✓		
	Footwear-Pigmented compounds	✓	✓✓			
	Footwear-clear compounds					✓✓
	Paver block compounds					✓✓
	Artificial Leather Cloth Coating			✓✓		
	Plastisol-Textile auxiliaries			✓✓		
	Plastisol Ink				✓✓	
	Plastisol-Coir mat				✓✓	
	Garden Pipes-Clear					✓✓
	Garden/ Hose/Braided/ Pipes Pigmented	✓	✓			✓✓
	Rigid PVC pipes		✓			
	Clear Film					✓✓
	Insulated Foam	✓				



## SPECIFICATION OVERVIEW

	Unit	Twist FC 73 E	Twist FC 73 EU	Twist FC 73 AP	Twist FC 73 EUD	Twist FM M0
Specific Gravity at 25°C		1.15-1.18	1.14 – 1.18	1.14 – 1.16	1.08-1.09	1.120 - 1.140
Colour (APHA 100)	U	Max. 80	Max 80	Max 60	Max.80	Max 80
Viscosity at 25°C	POI	Max. 3	Max. 3	Max. 2	Max. 2	Max.3
Volatile Loss @ 180°C / 4 hr/30gm/BL	%	Max.2	Max. 2	Max. 3	Max. 2	Max. 2.2
Heat Stability @ 180°C/30min		Light Yellow - Brown	Light Yellow - Brown	Light Yellow - Brown	Light Yellow to Brown	Light Yellow to Brown
Hydroxyl value		Nil	Nil	Nil	Nil	Nil



### Twist Plasticizer Blends

PARAMETERS	SPECIFICATIONS
Appearance	Clear to Light Yellow
Physical form	Liquid
Packaging	230 Kg HM-HDPE Drums

## HANDLING & STORAGE

Avoid prolonged contact with skin. In case of skin or eye contact, flush exposed area with large amounts of water. Store in original containers in a cool place and away from all sources of heat and direct sunlight. Containers should be tightly closed when not in use and keep away from incompatible materials.

## ABOUT US

Grasim Industries Limited - Chemical Division is part of the Aditya Birla Group, which is a US \$ 48.3 billion corporation. We are among the largest producer of Chlor-Alkali products globally, catering to vast array of applications with our premium range of Specialty chemicals. We offer Products & Technical services for superior performance in Plasticizer, Water & Wastewater, Food Additives, Cosmetics, Hygiene, Aquaculture, and Industrial Chemicals.

Our purpose of 'Chemistry for a Greener World' is aimed at ensuring that our products, supply chains and solutions are environmentally friendlier, safer and socially responsible. Through product and process innovations, manufacturing excellence, partnerships and catering to consumer needs, we are working towards creating sustainable value for all our stakeholders.

# NO.1

**CAUSTIC SODA AND  
CHLORINE DERIVATIVE CHEMICALS**  
PRODUCER IN **INDIA**



AIMING TO REDUCE POWER &  
WATER CONSUMPTION, **INCREASING**  
**SOURCING RENEWABLE POWER**



BRINGING NEW SOLUTIONS  
FOR A GREENER WORLD THROUGH  
**R&D AND INNOVATION**



Manufactured & Marketed by:



### Grasim Industries Limited (Chemical Division)

Unit No. 602,601, 601 A, 6th Floor, Tower 1 & 2, One International Centre,  
Senapati Bapat Marg, Prabhadevi West, Mumbai 400013.  
[www.adityabirlachemicals.com](http://www.adityabirlachemicals.com)



+91-22-65754100



[grasimchem.online@adityabirla.com](mailto:grasimchem.online@adityabirla.com)

Aditya Birla Management Corporation Private Limited is the owner of all the Trademarks and Copyright subsisting therein. Grasim Industries Limited is using said trademark and artistic work under license from ABMCPL. Specifications and service level assurances are not binding and are subject to change without prior notice. Prospective purchasers are advised to conduct their own tests and studies to determine the suitability of our products for their particular purposes and specific applications. All images are for representation purposes only.

**Product Disclaimer:** If a Product supplied hereunder is not free of defects, the Company shall after satisfying itself that the Product is defective, either (i) endeavor promptly to replace such Product with conforming Product at the Company's expense, or (ii) reimburse the Buyer any amount paid for the defective Product for the invoiced value of the previously supplied Product, however the Company is not obligated to compensate any incidental costs incurred by the customer in use of defective product. For the avoidance of doubt, the Company liability for the Products supplied to the Buyer is limited to defects which appear within the shelf life in the technical description of the Product in question.

Copyright © 2021 Grasim Industries Limited. All rights reserved.