
STRICT PRODUCT LIABILITY AND MARKET GOVERNANCE: LEGAL, ECONOMIC, AND POLICY IMPLICATIONS FOR MANUFACTURER RESPONSIBILITY AND CONSUMER PROTECTION***Omer Farooq,**Department of Law, Dadabhoy Institute of Higher Education, Pakistan
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(tansif@live.com) (<https://orcid.org/0000-0002-5454-2150>)*****Zainab Effendi-Haqqi,**Advocate High Court of Sindh; and Head of Law Department, SZABIST, Karachi, Pakistan
(zainab.effendi@szabist.edu.pk)**Abstract**

Market structures, consumer protection and corporate responsibility are all important aspects of present markets - and so is product liability. Particularly, liability on manufacturers alters the law by holding manufacturers liable for defective products, without regard to fault or negligence. This article discusses the consequences of strict liability on manufacturers, from a legal, policy and operations perspective. It discusses the allocation of the risk from consumer to the manufacturer and the role of manufacturers to ensure safety, quality and risk reduction measures. The research also examines the economic and business implications for manufacturers, in terms of insurance premiums, legal and compliance costs. The paper addresses the consumer protection-business trade-off by analyzing the pros and cons of other legal options, and the advances in consumer protection law. Strict liability enhances market efficiency, and changes the law and the business model for manufacturers.

Keywords: challenges, historical context, laws, opportunities, theoretical context**Introduction**

Product liability is getting prominence in Pakistan due to development in consumers and markets. Negligence has been the basis of liability but the recent law and jurisprudence in Pakistan suggests a liability of manufacturers and servicers (Khan et al., 2023). The doctrine of strict liability, liability without fault, aims to enhance consumer protection and risk allocation from the consumers to the washer of a product (Warraich et al., 2024). The recent consumer protection legislation and case law in Pakistan demonstrate a shift towards consumer protection as well.

The doctrine of product and corporate liability in Pakistan has attracted more and more academic attention particularly in relation to consumer protection and liability and accountability mechanisms explore the application of the doctrine of corporate criminal liability in Pakistan, suggesting a trend towards the concept of corporations as entities capable of committing criminal actions (Murtiza & Muhammad, 2020).

Research Justification

The study on the nature of product liability, and how strict liability affects manufacturers in Pakistan is merited keeping in view the ever-changing markets and increasing dangers from hazardous products. In order to investigate how product liability has affected the manufacturers in Pakistan, one first needs to understand the nature of product liability, which the present study aims to explain. As the world has become increasingly industrialized and technological, more types of products are available for consumers' consumption, some of which can cause harm to consumers as a result of design defect, manufacturing defect or failure to

provide adequate warnings. There is consumer protection legislation but enforcement is patchy and the legal framework is developing towards strict liability of manufacturers. This means that the impact of strict liability is crucial in understanding its role in enhancing consumer protection and business practices.

It's also important to grasp the impact on manufacturers when reviewing the business viability components and factors to consider when balancing regulation versus business. The potential for more litigation, increased insurance premiums and the need for effective quality control measures can impact manufacturers' operations and innovation. This research can inform policymakers on how to improve the policy framework in a non-prohibitive way for business. Moreover, these studies facilitate comparative law since, in this way, Pakistan's liability and consumer protection laws can be made harmonious with the international practices. Finally, strict liability research in the field of law becomes part of the academic literature and policy formulation, protecting consumer interests, and favoring sustainable and efficient manufacturing.

Literature Review

Friehe et al. (2023) work suggests greater clarity in terms of statutory provisions and enforcement to improve the liability of corporate entities (such as manufacturers) for unsafe products and conduct. This new doctrine enhances the regime where liability can be absolute (Buiten, 2024; Holijah, 2020).

Gilani et al. (2024) examined the regulatory framework of medical negligence and consumer laws in particular the role of the consumer forums and enacting legislations to enhance consumer protection. They particularly focus on health care services, but comments highlight a move towards higher liability standards to facilitate access to consumer justice and hold service providers liable for inferior services and products.

Likewise, Khan et al. (2023) in their comparative study of consumer protection laws between Pakistan and India, shows that consumer protection laws are getting more consumer friendly. They point out that higher liability standards, such as elements of strict liability are necessary for redressing consumers.

Murtiza and Muhammad (2020) discussed some enforcement problems with Pakistan's consumer protection legislations, such as procedural and institutional bottlenecks. This may result in flawed liability laws. Likewise, consider consumer protection in the digital economy of Pakistan and the issues with product safety and scams. While, Warraich et al. (2024) claim that there needs to be improved regulation and liability in the digital economy to increase liability of producers and digital platforms. These researches demonstrate a trend of increased liability such as strict liability of corporate and products, but there are also problems with the enforcement of strict liability in Pakistan (Abdullah et al., 2009; Haider et al., 2024).

Historical Context of Strict Product Liability and Market Governance in Pakistan

The evolution in product liability and consumer protection law in Pakistan has been from common law lawsuit to liability and statutory laws. Initially liability lawsuits were based on the common law negligence liability, where the consumer had to prove fault (Warraich et al., 2024). Predictably, this did not succeed as economies advanced, so Pakistan has seen reforms to protect consumers and such as provincial consumer protection laws that can establish consumer courts and consumer complaint process.

There is evident from Khan et al. (2023) that for Pakistan, the law reform is reflective of other countries such as India where law reforms focused on consumers have been accepted, leading to increased liability and enforcement. Consultation from other specific reforms also have an impact on law reform; in pharmaceutical law, liability has to be increased for health reasons. Similarly, Murtiza and Muhammad (2020) notes law of medical negligence also adopts the trend of consumer protection, thus raising liability. But with online transactions, we observe issues including quality problems of products and online scamming has created regulatory challenges. Thus, these are signs of the increase in the empowerment of the consumers and increase in liability in Pakistan.

Theoretical Context of Strict Product Liability and Market Governance

The theory of product liability is based on risk allocation, consumer safety and corporate responsibility. Fundamentally, product liability theory aims to hold the party best positioned to avoid harm - the manufacturer or producer - liable for unsafe or defectively designed products. This is in contrast to traditional negligence theories, which impose a burden of proof on the injured consumer, making it harder for them to seek compensation. Through strict liability, the law allocates the risk from consumers to manufacturers, encouraging them to prioritize safety and implement quality assurance measures.

Strict liability also has a social and economic purpose. It encourages manufacturers to adhere to strict safety protocols and testing procedures, as well as anticipate potential risks associated with products. This not only minimizes harm to consumers but also promotes confidence in the market. In addition, product liability laws serve to internalize the social costs of product defects, holding manufacturers accountable for the costs of harm they cause. Thus, the theoretical basis of strict liability seeks to achieve two goals: protecting consumers and promoting corporate responsibility. By tying liability to the ability to control risk, strict liability establishes an efficient and equitable regulatory framework which encourages both safety and accountability in business.

Laws Regarding Strict Product Liability and Market Governance in Pakistan

In Pakistan, strict product liability is not uniformly codified; it relies primarily on the Punjab Consumer Protection Act 2005 for defective products. Market governance is looked after by the Competition Commission of Pakistan and enforced through the Companies Act 2017 by the Securities and Exchange Commission of Pakistan. This involves a combination of legislative initiatives, industry pro-activeness, and consumer awareness in Pakistan and regulatory practices designed to ensure product safety and protection of consumer rights. The duty to prevent harm is such a significant one in this regard in terms of setting up mechanisms to prevent harm is central. Product manufacturers and vendors should create safe products and communicate information to buyers. These provide for preemptive measures by consumer courts, such as recalls, warnings and compliance orders, to stop risky products being released for sale.

Specialized laws are key to prevention. For instance, drug and medical device laws need a lot of tests, licensing and quality checks before products go to market. Compliance with labeling, safety and reporting criteria means manufacturers take proactive steps to ensure their products are safe to use and comply with the standards to manage risks. In a similar way, the operating standards of food safety for example Pakistan Food Authority will take care of food safety. Pakistan Standards and Quality Control Authority (PSQCA) sets standards on manufacturing/packaging. Preparing and storing food safely to prevent injury from unsafe or improperly prepared food.

The doctrine of corporate responsibility also helps to prevent and to establish internal compliance programs, risk assessment and risk mitigation policies in corporations quality control measures. Through corporate criminal liability, a lack of preventive measures can force companies to put greater emphasis on safety measures, or face penalties. Furthermore, e-commerce legislation is increasing focus on pre-market testing, transparency/surveillance of platforms that can be accessed online to ensure that sales of unsafe products and fraud are blocked out. These laws set forth a comprehensive plan for prevention.

Through a combination of legislative requirements, regulatory Pakistan's laws attempt to curb defective or unsuitable products being sold owing to defective laws and lack of oversight, and corporate accountability, dangerous products. This preventative measure helps to protect consumers and promotes safe manufacturing practices, instills trust in the quality of goods and services provided in Pakistan and enhances the corporate responsibility.

Challenges for Strict Product Liability and Market Governance in Pakistan

The product liability and strict liability laws in Pakistan have a number of serious problems, which impact consumer protection and corporate responsibility. Limited awareness of consumers about their legal rights is one of the challenges. In many cases, the consumers themselves are unaware of the statutory remedy available under the act of provincial consumer protection law such as the Punjab Consumer Protection Act 2005 and thus these laws are in most cases ineffective in terms of holding the manufacturers responsible for manufacturing a defective and/or unsafe product. However, this ignorance results in underreporting of product-related injuries and/or product defects.

Capability to enforce and institutions also are key challenges. Consumer courts and regulatory bodies often suffer from delays, lack of staffing and resources to effectively and timely adjudicate consumer claims and implement remedial actions such as product recalls. In the enforcement gaps it's making liability laws ineffective and the non-compliant manufacturers, continue manufacturing unfavorable goods and services.

The lack of clarity in legal regulations on strict liability is another issue. There are also laws in place, but they may not explicitly outline the situations where there is strict liability for the pharmaceutical, e-commerce and digital product manufacturers. Additionally, rapid technological advancement and growth of e-commerce presents legal challenges, with current legislation potentially failing to effectively address risks related to defective technological products or ones that are not imported.

Further, the cost/benefit issue of complying with the directives is a challenge for manufacturers. The strict product safety control, testing and risk assessment processes are costly and small and medium enterprises (SMEs) may require additional support to meet its requirements. Moreover, corporate governance varies from firm to firm, and these systems may not be effective, potentially causing product flaws. In general, there are several difficulties in implementing product and strict liability law in Pakistan, consumers lack awareness of the law, enforcement difficulties, uncertainty in the legislation, technological changes and pressure on businesses on manufacturers.

Opportunities for Strict Product Liability and Market Governance in Pakistan

The ever-evolving field of product liability and strict liability in Pakistan provides several opportunities to enhance consumer safety, encourage businesses to take responsibility, and build consumer confidence. Legislative reform and codification is one opportunity. The legislature can provide a clearer, more effective framework by setting clear guidelines for the application of strict liability principles for some industry sectors such as pharmaceuticals,

consumer goods and even technology. Such laws can incentivize manufacturers to be vigilant about safety during the manufacturing process, and minimizing the risk of product defect.

Consumer education may be a possibility. They will help consumers for enforcement of their rights under consumer protection acts such as Punjab Consumer Protection Act (2005). Increased reporting of unsafe products can assure manufacturers to adopt the best quality standards and safe risk management procedures. Technology can also be used to enhance consumer safety and compliance. Manufacturers can use bar code scanning and product quality control software, as well as supply chain tracking using block-chain technology, to help detect product defects and provide transparency and traceability. These tools can also be used to monitor compliance and intervene to enforce it as needed by regulators.

In addition, harmonizing Pakistan's product liability approach with international experience, will facilitate trade and investment. In adhering to the strict liability approach it could contribute to building the confidence of consumers in locally manufactured as well as imported products, thus enhancing the exports of Pakistan. Collaborations with international regulatory bodies, and membership in international consumer protection networks will also enhance enforcement and policy regime. Finally, emphasis on corporate responsibility under strict liability regime encourages businesses to undertake risk management, quality control and corporate social responsibility. It prevents legal uncertainties and promotes branding and sustainability.

Discussion

Inclusion of the notion of strict liability and product liability in the recently proposed legislation in Pakistan is essential to protect the rights of consumers and uphold corporate responsibility. Strict liability places the burden of risk on the producer, motivating them to adopt high standards of safety and quality and risk mitigation. It not only guarantees the safety of products on the market but also increases the trust in the domestic market. Corporate liability for criminal offences also encourages accountability - parent and officer liability - for the product.

But there are some drawbacks. Problems of non-enforcement, non-education and non-certainty diminish their impact. Additionally, internet transactions may pose a problem, as the internet facilitates unsafe and unstandardized products, requiring new enabling and monitoring structures. But new developments in law offer opportunities of risk prevention, technological facilitation and global harmonization. Corporate liability can be complemented by improving institutional and public understandings, and the liability thresholds. Pakistan has made good progress on legal reform, but more is needed in terms of enforcement and practices, and consumer empowerment, to ensure that the product liability and strict liability laws can reach their potential.

Conclusion

Product liability and strict liability are crucial to product safety in Pakistan. These put the liability for the unsafe product at the doorstep of the manufacturer, therefore encouraging the safe handling of products, risk assessment of products and liability avoidance. The ensuing connection with corporate crime further strengthens this connection, in the form of legal avenues for corporate and individual liabilities for misconduct. It has had many successes, but there remains a lack of consumer awareness, enforcement and legal clarity as well as an e-market. But these can also be used to clarify legal terms, technological developments and product traceability, educate the consumer on product safety and the harmonization of international product safety standards. The use of these can improve product safety, business

practices and consumer safety. Finally, strict liability in Pakistan is an equitable, consumer friendly and safe product liability approach.

Recommendations

There are a couple of things that can be done to improve product liability and strict liability in Pakistan. First, the concept and application of strict liability should be clarified for all areas, such as in pharmaceuticals, consumer goods and information technology. This will eliminate uncertainty, clarity for manufacturers and help consumers.

Second, education campaigns should be stepped up. This will educate them about their rights under the consumer protection laws, such as the Punjab Consumer Protection Act (2005) and report them about substandard goods and claim damages from manufacturers as well, encouraging them to improve their products. Third, enforcement should be improved. This involves giving financial and training support and technology to consumer courts and regulators to check compliance, conduct inspections and take timely corrective action, such as recalls.

Fourth, firms should be made to put in place quality control, risk assessment and compliance procedures. These will be encouraged by rewards and severe punishments for non-compliance - to ensure safe manufacturing. Lastly, co-operation with international regulators will encourage best practices (such as international trade and e-commerce). These measures will help Pakistan strike a balance between consumer protection, business practices and safe and quality products.

Research Limitations

There are limitations to this study of product liability and strict liability in Pakistan. First, the lack of empirical research on product accidents, non-compliance and litigation restricts the understanding of effects of strict liability on the manufacturers and consumers. Secondly, the literature is sometimes industry specific (medical, technology or pharmaceutical products) and there are limited studies with other industry insights.

Thirdly, there is sometimes some inconsistencies in the legal and regulatory sources in Pakistan, with differences in the consumer laws of various provinces, and lack of documentation of case laws make it difficult to fully understand the enforcement of the laws. Finally, the emergence of technology and e-commerce pose new issues that may not be reflected in the literature and regulations, restricting the scope of the study to the digital world. Finally, the study relies on secondary data such as literature, reviews or comparative studies which may not have insight of the perspectives of manufacturers, consumers and regulators.

Research Implications

The respective research on product liability and strict liability in Pakistan has legal, policy and industry implications. First, in legal terms, it highlights the need to clear up and apply consumer protection laws consistently in Pakistan to enhance enforcement and alleviate the ambiguity of liability. Second, from the policy perspective, it highlights the need for considering strict liability in relation to specific industry regulations, such as in pharmaceuticals, health and e-commerce to respond to new risks.

For policy, it identifies the need to enhance institutional effectiveness, consumer education and technology for monitoring to improve compliance and redress. For industry, the research shows the importance of incorporating aspects of risk mitigation, assurance and good governance. It also shows the need for harmonizing of local standards with international standards to boost competitiveness and trust. Finally, the research provides insights into consumer-industry relations as well as tips for policymakers, lawyers and industry in Pakistan.

Future Research Directions

The following is an undeniable set of possible avenues for research in the area of product liability and strict liability in Pakistan in order to better inform the practice in this area. Empirical research can measure the injuries associated with products, defective products and litigations, and use the analysis of such measurements to evaluate the effectiveness of the strict liability system. Specific studies in a specific industry or sector can detect specific risks, particularly new industries like e-commerce, online services (shared services) and pharmaceuticals.

Comparative activities with other countries may be helpful for developing best practices to balance consumers' protection and growth of industry, and in the process of policy and legislative development. And knowing consumer perceptions, practices and access to redress can help to improve reporting, enforcement and educational strategies. Investigating the use of technology like digital tracking systems, the supply chain and artificial intelligence for quality control may contribute to preventing incidents. Finally, such research possibilities will also contribute to the creation of an empirical, evidence-based framework of product liability to foster the safe behaviour and protect people's safety in Pakistan.

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