Industrial Perspectives on Processing Aid Regulatory Developments in Taiwan

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Our Core Values Are More Than Just Goals

They reflect the way we work and how we operate every day – with our customers, with our partners from around the world, and in the communities in which we operate.
Our Company Has Evolved Over Two Centuries

EXPLOSIVES

1802 – E.I. DUPONT
1805 – CORE VALUES
1804 – FIRST POWDER MILL
1880 – FIRST DYNAMITE
1903 – EXPERIMENTAL STATION
1915 – PLASTICS
1917 – MAKING DYES

CHEMICALS

1835 – NYLON®
1936 – LUCITE®
1935 – CELLOPHANE®
1923 – RAYON®
1924 – FILMS BUSINESS BEGINS
1928 – CHEMICAL EXPANSION
1949 – ENGINEERING POLYMERS
1961 – TEDLAR®
1962 – LYCRA®
1965 – KEVLAR®
1966 – TYVEK®
1967 – NOMEX®
1972 – ELECTRONICS EXPANSION
1986 – CORIAN®
2000 – SORONA® BIO BASED POLYMER
2003 – SOLAE JOINT VENTURE
2011 – ACQUIRES DANISCO
2012 – ACQUIRES 100% OF SOLAE
2013 – COMPLETES SALE OF PERFORMANCE COATINGS BUSINESS
2015 – SPIN-OFF OF CHEMOURS

INTEGRATED SCIENCE

1952 – MYLAR®
1959 – ELECTRONICS EXPANSION
1960 – DYES
1961 – ENGINEERING POLYMERS
1966 – TYVEK®
1967 – NOMEX®
1972 – ELECTRONICS EXPANSION
2000 – SORONA® BIO BASED POLYMER
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Company Segments, Businesses and Core Markets

Agriculture
Pioneer | Crop Protection

Core Markets:
Seeds | Agricultural Chemicals

Electronics & Communications

Core Markets:
Photovoltaics | Consumer Electronics | Advanced Printing | Displays

Performance Materials

Performance Polymers | Packaging & Industrial Polymers

Core Markets:
Transportation | Industrial | Packaging | Electrical/Electronics

Nutrition & Health

Core Markets:
Food & Nutrition Products

Safety & Protection

Protection Technologies | Building Innovations | Sustainable Solutions

Core Markets:
Industrial | Construction | Military & Law Enforcement | Transportation | Consumer

Industrial Biosciences

Core Markets:
Industrial Enzymes | BioBased Materials
Industrial Perspectives – Apply CODEX standards

1. Common goals on global food life cycle safety management

2. A globally harmonized, scientifically sound, and risk based approach

3. Cost versus Benefits –
   - Taiwan’s business position in the global marketplace
   - Resource intensity among TFDA and key stakeholders

4. Governance on Confidential Business Information (CBI)

5. Incentives to bring more R&D and innovative products into Taiwan

6. Advocate for WTO TBT (Technical Barriers to Trade) Agreement and TPP (Trans Pacific Partnership)
1. Adapt CODEX guidelines on substances as processing aids issued in 2011
   - Processing aid performs one or more technological functions in food processing
   - Processed under GMP
   - Appropriate safety assessments for any unavoidable or unintended residues under GMP
   - Applicable specification by CODEX or national/international bodies or suppliers
   - Comply with any applicable microbiological criteria by CODEX
   - For differentiating from food additives, consider referring to the Decision Tree developed by Health Canada to identify
Industrial Perspectives – A globally harmonized, scientifically sound, and risk based approach (2/2)

2. Cope with Inventory of Processing Aids (IPA) from CODEX
   - Segregation from food additives
   - Labeling requirements by CODEX
   - Inventory rather than Positive Listing
   - 21 categories
   - Administrative procedure by competent authorities

3. Consider 4 options recommended by CCFA in Mar 2013 for added processing aids – Option 3 is preferred.
   - CODEX uses,
   - Acceptable uses, and
   - All reported uses by one or more CODEX Member Countries

4. Only define MRL where
   - CODEX defines,
   - JECFA classifies, or
   - Dietary evaluations referring to dietary information database by competent authorities
   - Other B to B and B to C considerations
Thanks for Listening !