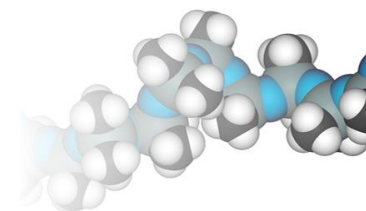
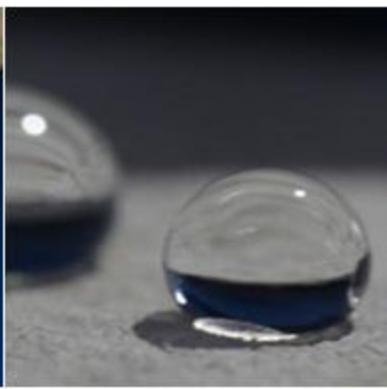


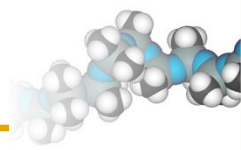
# DISTILLERY PRODUCT SERIES

## SEP 2014



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# ABOUT ELKAY CHEMICALS

For 24 years, Elkay Chemicals Pvt. Ltd. has been manufacturing world class silicone based products. Elkay Chemicals is a low cost, technology driven manufacturer.

ISO 9001-2008 (ICS) certified  
REACH registered  
State approved FDA facility

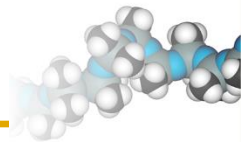
ELKAY has exported to 24  
countries for over 16 years



## The ELKAY Chemicals Advantage

- Long-standing relationships (15 customers for 10+ years)
- Flexible multi-purpose manufacturing facility
- Co-develop products with customers
- Confidentiality on sensitive projects
- Low cost, high quality products
- Excellent R&D facility and application lab (7 patents)

# INDUSTRY SEGMENTS SERVED



**Construction**



**Textile Finishing**



**Agriculture**



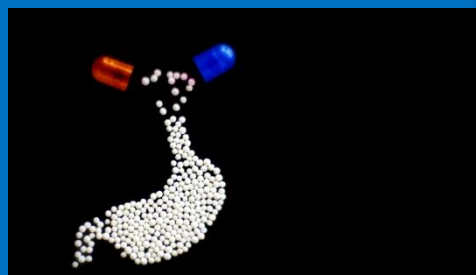
**De-Foaming**



**Rubber & Tire**



**Petrochemical**



**Pharmaceuticals**

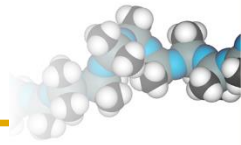


**Personal Care**

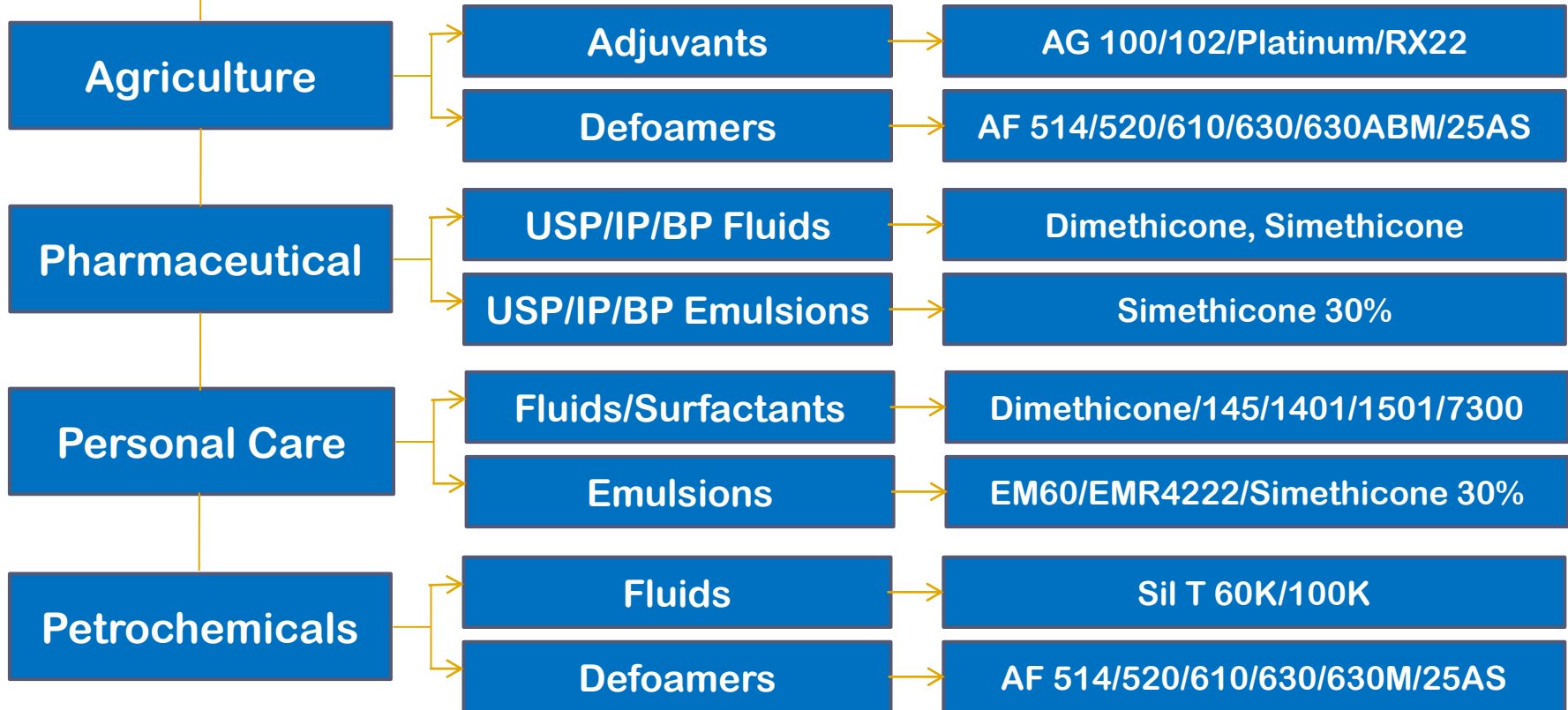


**Surface Treatment**

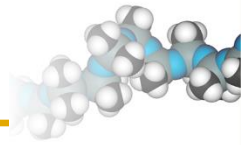
# PRODUCT RANGE



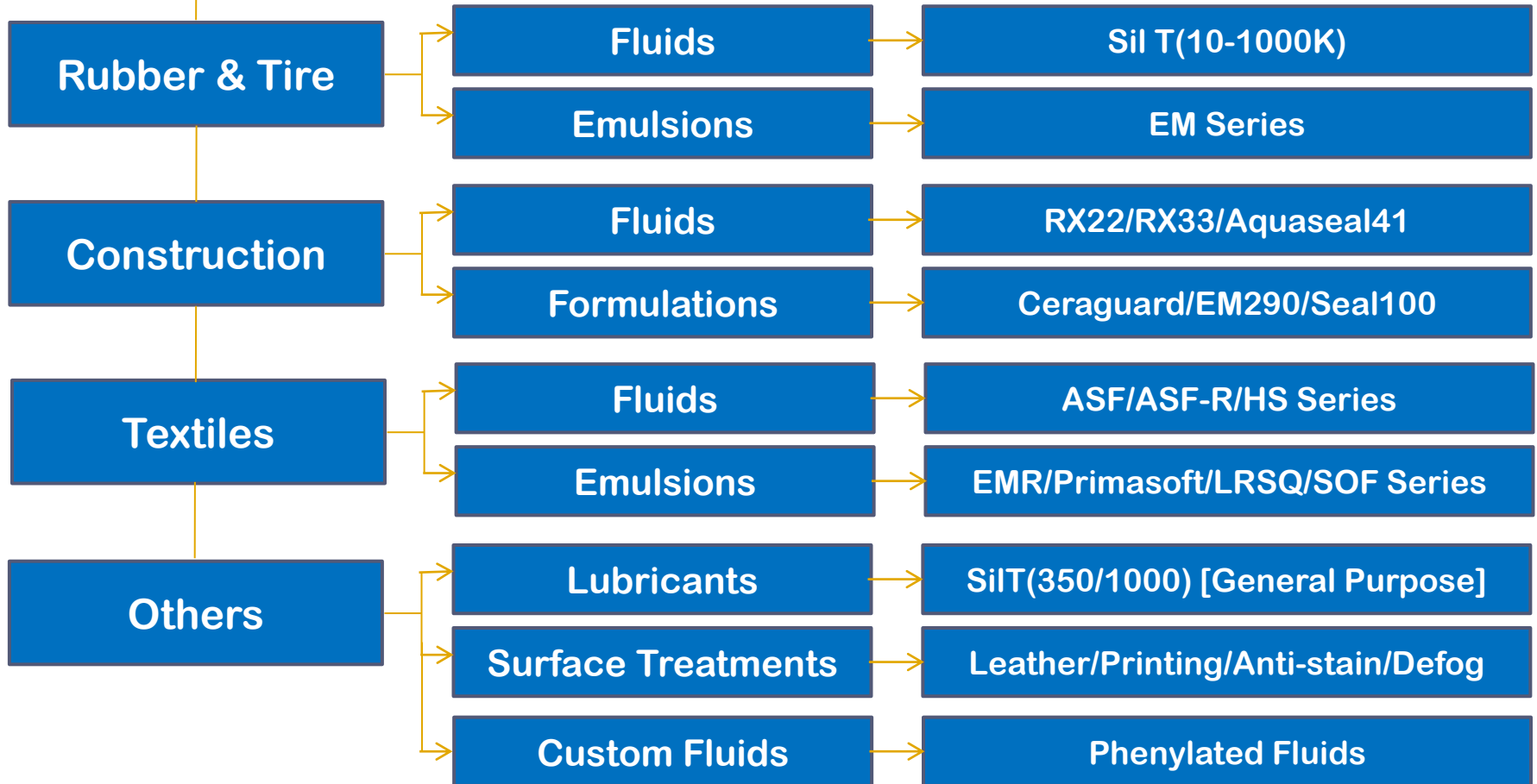
## Product Segments



# PRODUCT RANGE

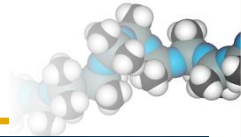


## Product Segments



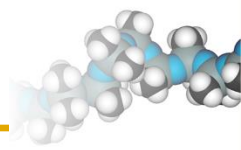


# ELKAY DISTILLERY SOLUTIONS



**ELKAY**  
SILICONES

An ISO 9001: 2008 company



# DISTILLERY ANTIFOAMS

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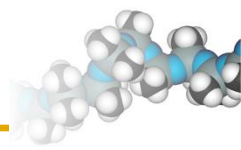
Alcohol production from fermentation processes always face a significant challenge of foam generation during the yeast activity. This leads to overflowing, spillage and lower production volumes.

ELKAY's silicone based defoamers are formulated to have the best foam destruction rate and prevent foam regeneration better than any other product. They have no MIC (minimum inhibition concentration). Our trials show that they are the lowest cost defoamers in the market today (price per liter alcohol produced)

**INCREASE PRODUCTION**

**LOWER COSTS**

- State-of-the-art technology
- Does not affect yeast activity
- No extra layers left in the tank
- Guaranteed vegetarian
- 6 month shelf life



# DISTILLERY ANTIFOAMS

LIQUIDS	pH	TRO equivalency*	Appearance
LK-AF 630 ABM	6-8	5 times better than TRO	Milky white
LK-AF 620 ABM	6-8	3 times better than TRO	Milky white

Approximate application details: (application depends on type/age of molasses)

- Molasses distillation: Add 1kg of LK-AF 620 ABM directly in a 100 Kiloliter tank (10ppm) during foam generation, add whenever required

Why silicones?

**EXTREMELY FAST**

**DESTROY & PREVENT FOAM**

**LOW CONSUMPTION**

\*TRO is Turkey red oil. 5 times indicates that when 5 kg TRO is used, 1 kg ELKAY product is required

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