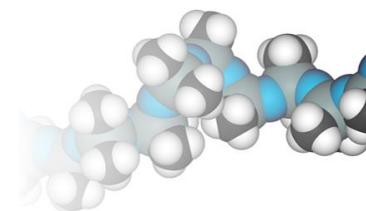
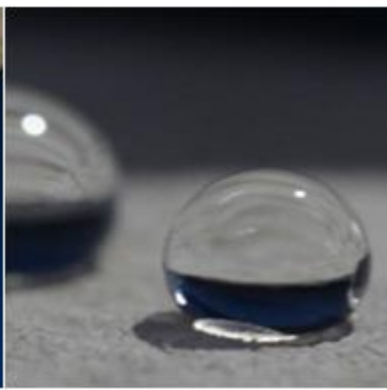


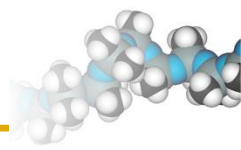
PERSONAL CARE PRODUCTS

2018



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ABOUT ELKAY CHEMICALS

For 28 years, Elkay Chemicals Pvt. Ltd. has been manufacturing world class silicone based products. Elkay Chemicals is an economical, technology driven manufacturer.

ISO 9001-2015 (ICS) certified
REACH registered
State approved FDA facility

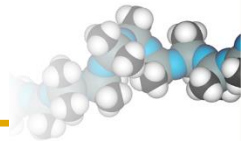
ELKAY has exported to 28
countries for over 20 years



The ELKAY Chemicals Advantage

- Long-standing relationships
- 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

INDUSTRY SEGMENTS SERVED



De-foaming



Textile Finishing



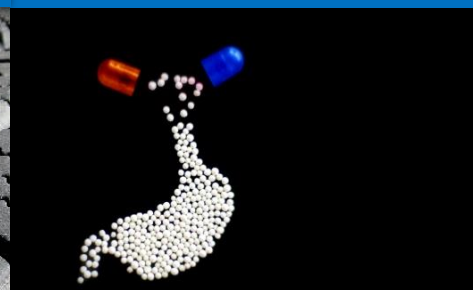
Agriculture



Construction



Rubber & Tire



Pharmaceuticals



Petrochemicals

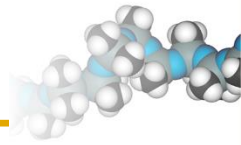


Personal Care

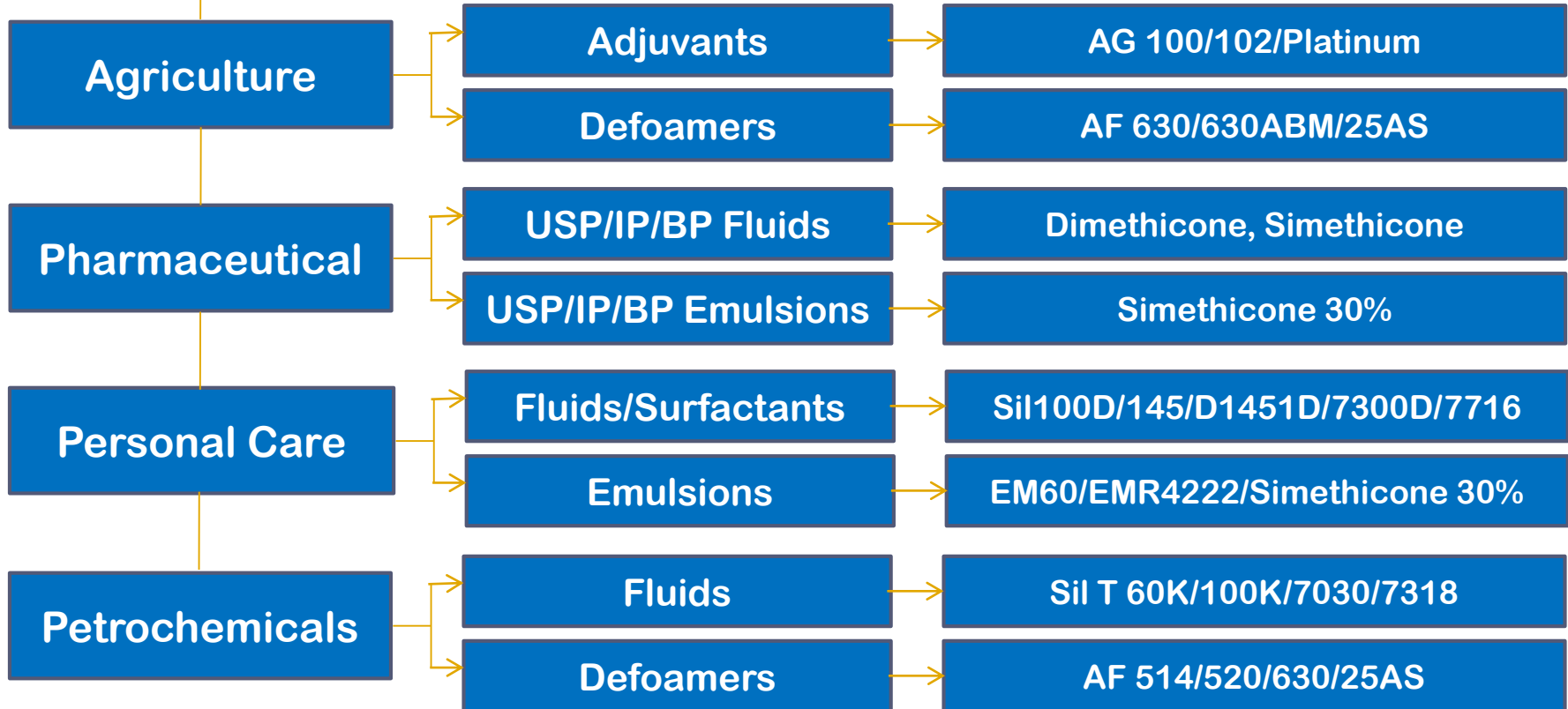


Surface Treatment

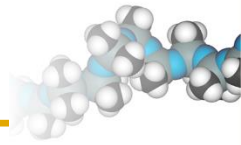
PRODUCT RANGE



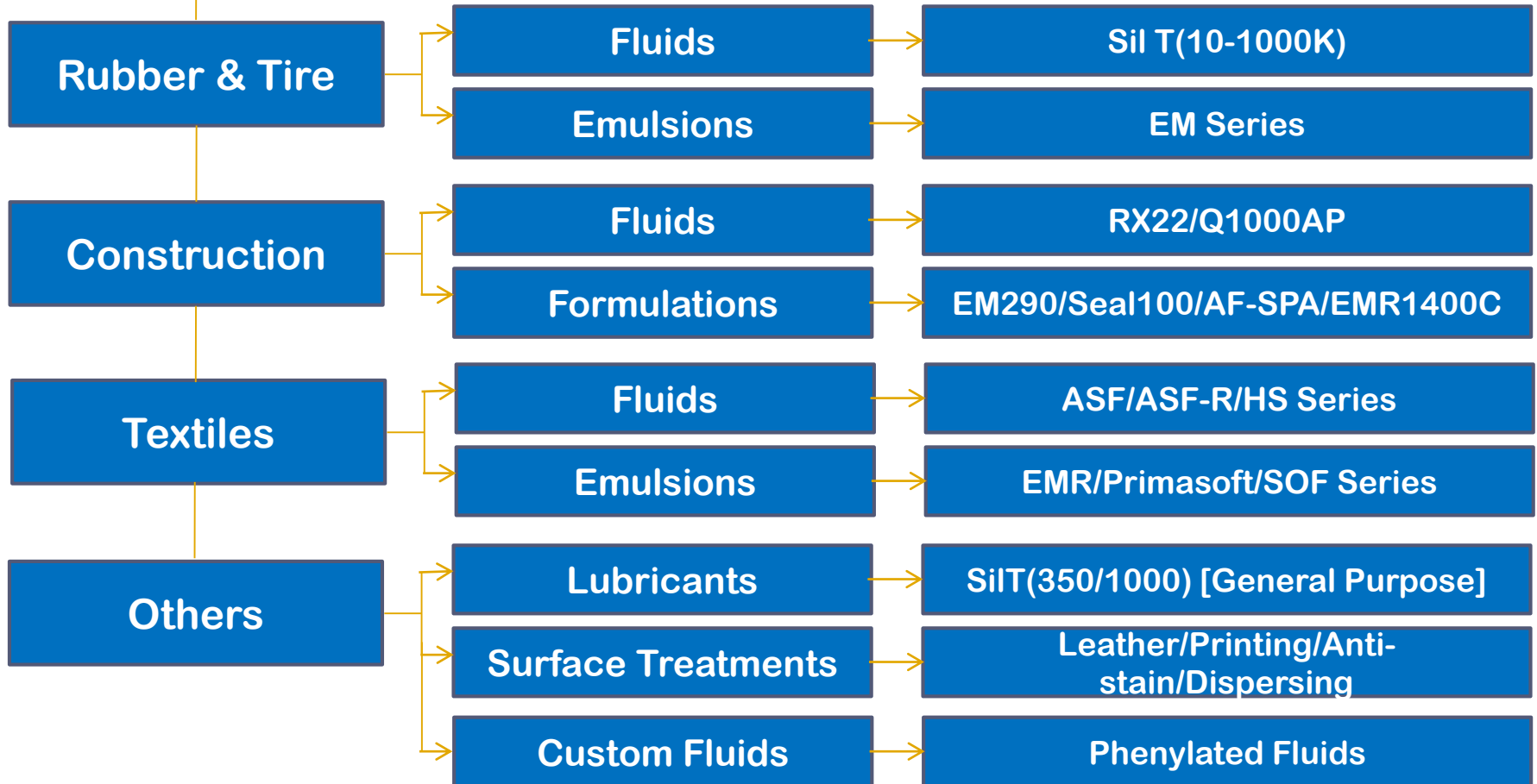
Product Segments



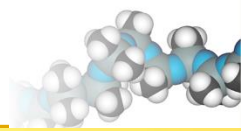
PRODUCT RANGE



Product Segments



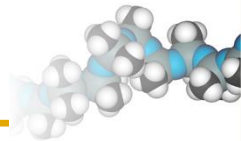
PERSONAL CARE FROM ELKAY



ELKAY[®]
SILICONES

An ISO 9001: 2008 company

ELKAY SOFT FEEL PRODUCTS



Product	Viscosity 25 C (cps)	Diluent	Feel	RI
LKI451D	~5000	D5	Soft, smooth, non greasy feel	~1.398
LKI453D	~5000	Dimethicone	Soft, smooth, non greasy feel	~1.400

Silicone soft feel blends:

- Dimethiconol in cyclosiloxanes/dimethicone
- Excellent carrier fluids used at 1-10% of the final formulation
- Non-greasy feel
- Reduced split ends in hair
- Forms breathable film on surface
- For leave on hair and skin care products
- Compatible with most formulations, mineral oils and emulsify-able

*Clinically tested by ASTM Sensory Guidelines

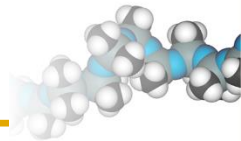
Skincare testing shows*

- Increased skin gloss, softness, slipperiness and smoothness
- Easier spreadability of the skin care formulation

SMOOTH SKIN-FEEL

EXCELLENT COMBABILITY

ELKAY BASE PRODUCTS



Product	Viscosity 25 C (cps)	D4 content	Type	RI
LK-EM60	NA	-	60% PDMS emulsion in water base	NA
LK-145D	~3	<1%	Soft-silky feel silicone base	~1.397
LK-1021	NA	<1%	Powdery feel cyclopentasiloxane	~1.400
LK-Sil 100D	200,350,1000	<0.05%	PDMS base for formulations, lubrication	~1.406

LK EM 60

- Milky white high solids PDMS emulsion
- Particle size can be adjusted on request
- Excellent lubrication
- Forms breathable film on surface

LK-145

- Cyclopentasiloxane (D5)
- Silky smooth feel
- Non-cooling, non-stinging effect on skin
- Compatible with most petroleum based fluids & PDMS
- High spreadability

LK-Sil 100D*

- Cosmetic grade silicone oil (PDMS)
- Excellent lubricant and carrier fluid
- Odourless, colourless and clear fluid
- Compatible with most petroleum based fluids

COSMETIC GRADE

EXCELLENT COMPATIBILITY

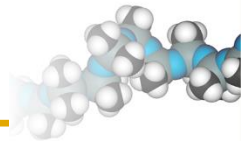
*Conforms to all specifications of Dimethicone IP/BP/USP

FORMULATION BASES

ELKAY
SILICONES

An ISO 9001: 2008 company

ELKAY DEFOAMING PRODUCTS



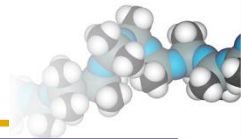
Product	Certification	Activity	Type	Clear-spot time
Simethicone	IP, USP	100%	Silica-PDMS de-foaming compound	6-15sec
Simethicone 30%	IP, USP	30%	Silica-PDMS de-foaming emulsion	6-15sec

Silicone de-foaming solutions:

- Silica-PDMS combination
- Very low dosage required, 5 to 100ppm depending on application
- Quick foam knock-down and prevents foam regeneration
- Useful in formulations
- Compatible with most formulations

LOW DOSAGE

EXCELLENT ANTI-FOAM



ELKAY ADDITIVES

Product	Viscosity 25 C (cps)	D4 content	Type
LK 7300D	~300	NA	PEG-12 Dimethicone
LK 7318	~1500	NA	PEG-18 PPG-18 Dimethicone
LK-ASF 7	~10	<1%	Amodimethicone
LK 7716	~10	<0.05%	Cetyl Methicone
LK-EMR 4222	~100	<0.1%	Amodimethicone (and) Trideceth-12 (and) Cetrimonium Chloride

LK 7300/7318

- Silicone-polyether surfactant with a soft feel
- Excellent foam generation, plasticizing agent and humectant
- Low concentrations required
- Water and alcohol compatible
- Useful in shaving creams, hair care and skin care products

LK-ASF 7

- Low viscosity amodimethicone
- Gives conditioning and super soft feel on hair
- Compatible with mineral oils and can be emulsified easily

LK 7716

- Alkylated siloxane
- Gives excellent conditioning and smooth feel on hair and skin
- Excellent compatibility with all oils and other formulations

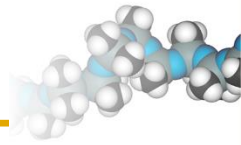
LK-EMR4222

- Amodimethicone macro-emulsion in cationic surfactant
- Durable shiny finish without leaving buildup
- Useful in regular wash off conditioners to give soft feel
- Water compatible

UNIQUE ATTRIBUTES

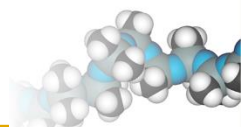
EXCELLENT COMPATIBILITY

THE ELKAY ADVANTAGE



- In addition, we produce 8 additional custom made products tailored for our customers
- We can work with your technical teams to deliver your perfect solution
- FDA plant capacity of 400MTA for Simethicone and Simethicone Emulsion with an expansion currently underway
- Our customers include both Indian and International multi-national companies.

We also distribute our personal care products to South East Asia and North America



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