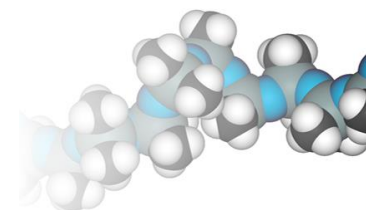
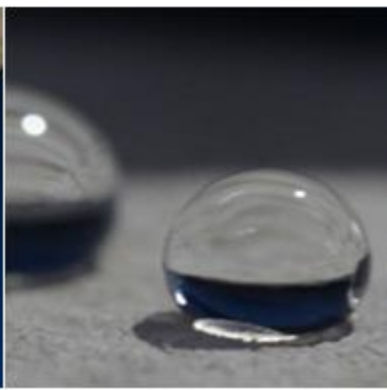


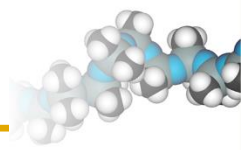
PERSONAL CARE PRODUCTS

2020



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ABOUT ELKAY CHEMICALS

For 29 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

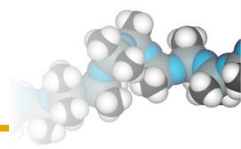
ELKAY has exported to 29
countries for over 21 years



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



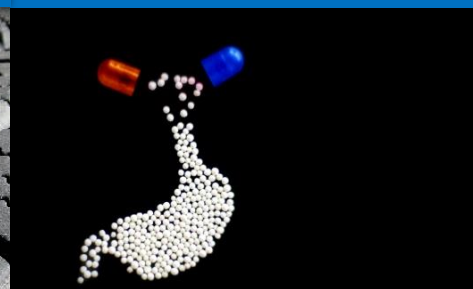
Agriculture



Construction



Rubber & Tire



Pharmaceuticals



Petrochemicals

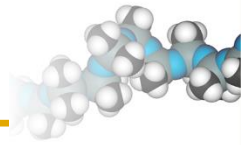


Personal Care

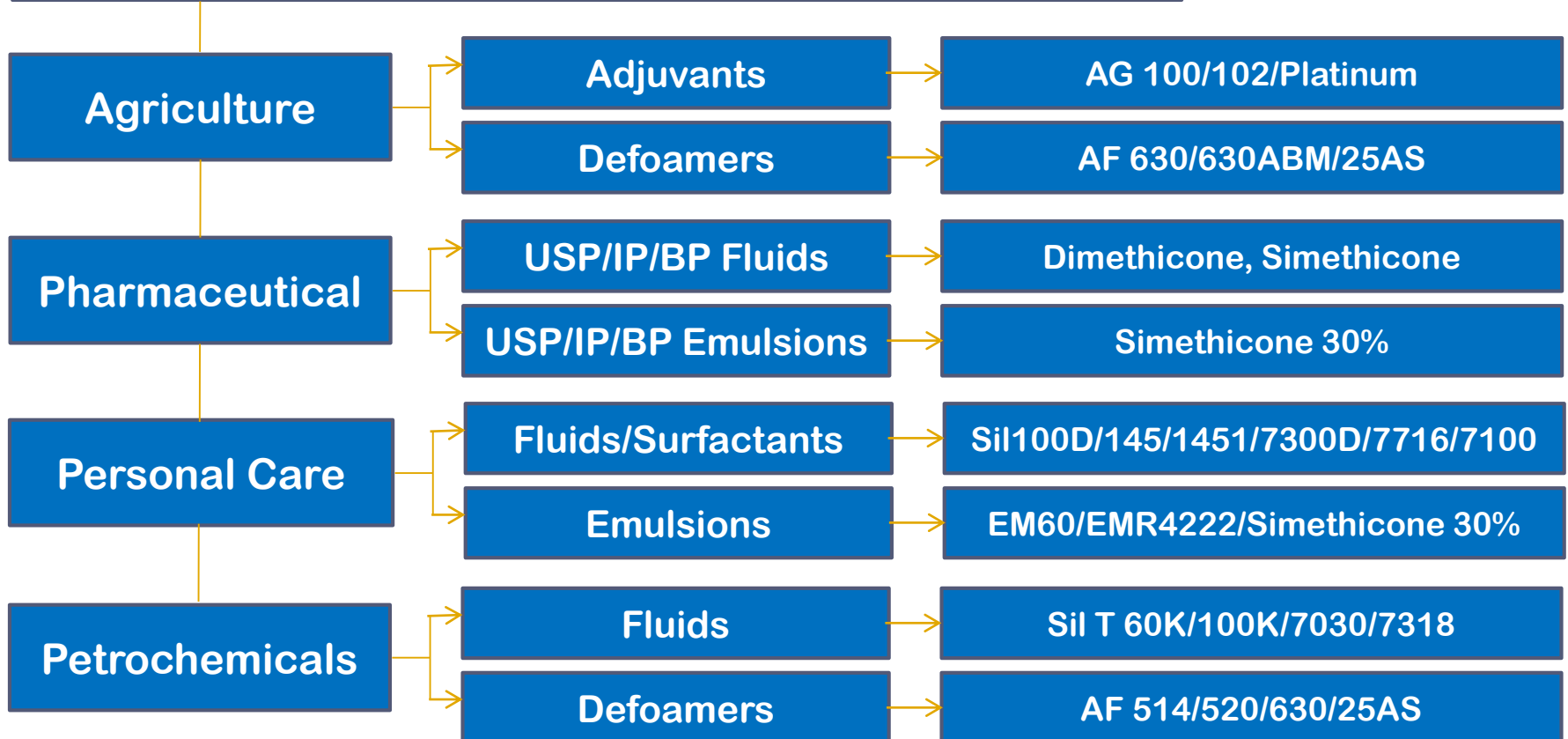


Surface Treatment

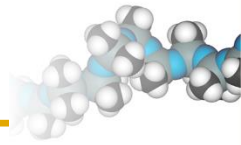
PRODUCT RANGE



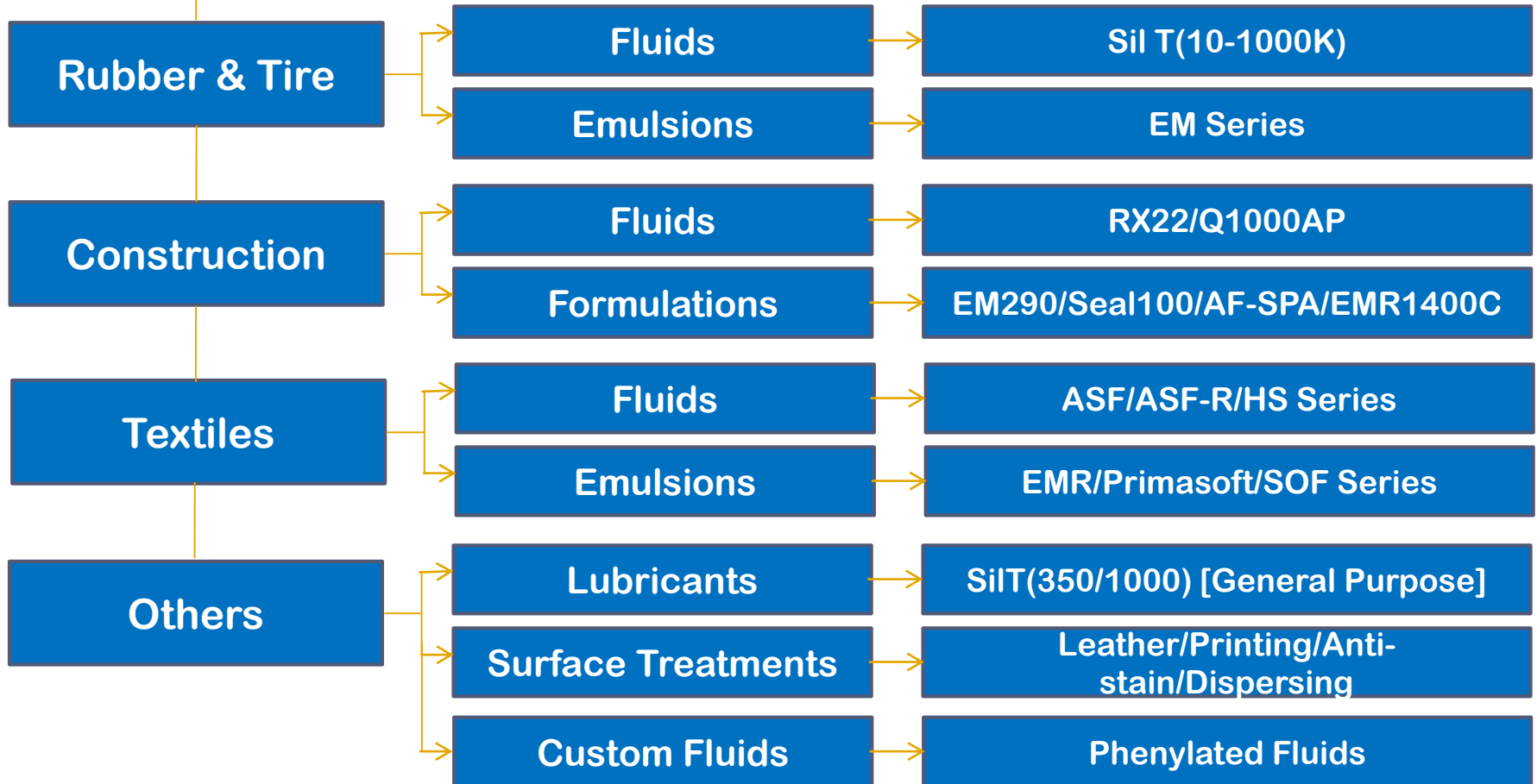
Product Segments



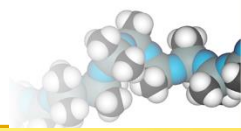
PRODUCT RANGE



Product Segments



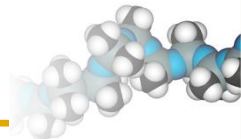
PERSONAL CARE FROM ELKAY



ELKAY[®]
SILICONES

An ISO 9001: 2008 company

ELKAY SOFT FEEL PRODUCTS



Product	Viscosity 25 C (cps)	Diluent	Feel	RI
LK1451	~5000	D5	Soft, smooth, non greasy feel	~1.398
LK1453	~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

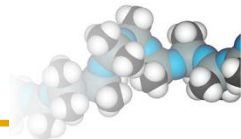
Skincare testing shows*

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

SMOOTH SKIN-FEEL

EXCELLENT COMBABILITY

*Clinically tested by ASTM Sensory Guidelines



ELKAY BASE PRODUCTS

Product	Viscosity 25 C (cps)	Type	RI
LK-EM6001	NA	60% PDMS emulsion in water base	NA
LK-EM6060	NA	50% PDMS high viscosity in water base	NA
LK-145D	~3	Soft-silky feel silicone base	~1.397
LK-1021	NA	Powdery feel cyclopentasiloxane	~1.400
LK-Sil 100D	200,350,1000,600K	PDMS base for formulations, lubrication	~1.406

LK EM 6001/6060

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

LK-145D

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

LK-Sil 100D*

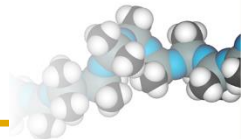
- Cosmetic grade silicone oil (PDMS)
- Excellent lubricant and carrier fluid
- Odourless, colourless and clear fluid
- Compatible with most petroleum based fluids

COSMETIC GRADE

EXCELLENT COMPATIBILITY

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

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 7100	~300	NA	PEG-10 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 7300D/7100

- 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, sanitizers 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
- *Other amodimethicones available on request**

LK 7716

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

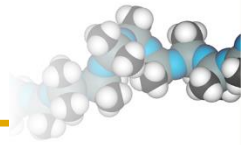
LK-EMR4222

- 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

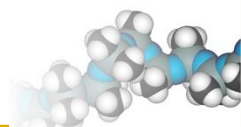
EXCELLENT COMPATIBILITY

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



ELKAY CHEMICALS PVT. LTD.

Bremen Business Centre, Level 5, Aundh, Pune, Maharashtra, 411007 India
Tel. + 91 74200 01501

E-mail : marketing@elkaysilicones.co.in Web : www.elkaysilicones.com