



CHEMICAL GUIDE

Guide On Chemical Usage

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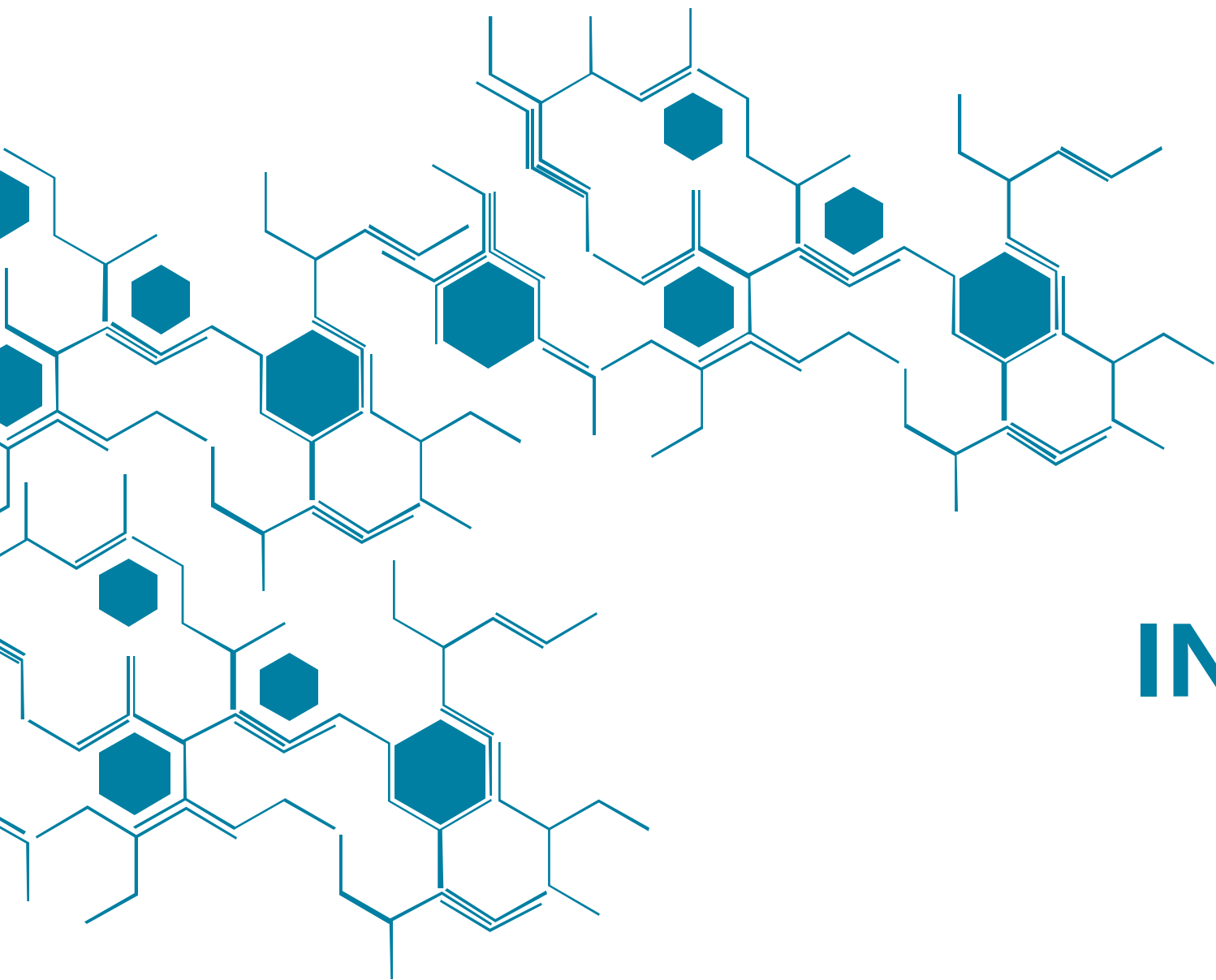
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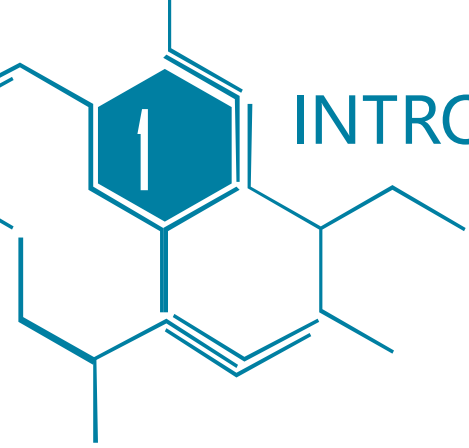
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MSDS of Chemicals



INTRODUCTION

About Chemicals



INTRODUCTION

CHEMICALS

Soaps



Soap is a cleansing substance formed by combining fats or oils with an alkali, used to remove dirt and oil from surfaces by creating a lather when mixed with water.

Degreasers

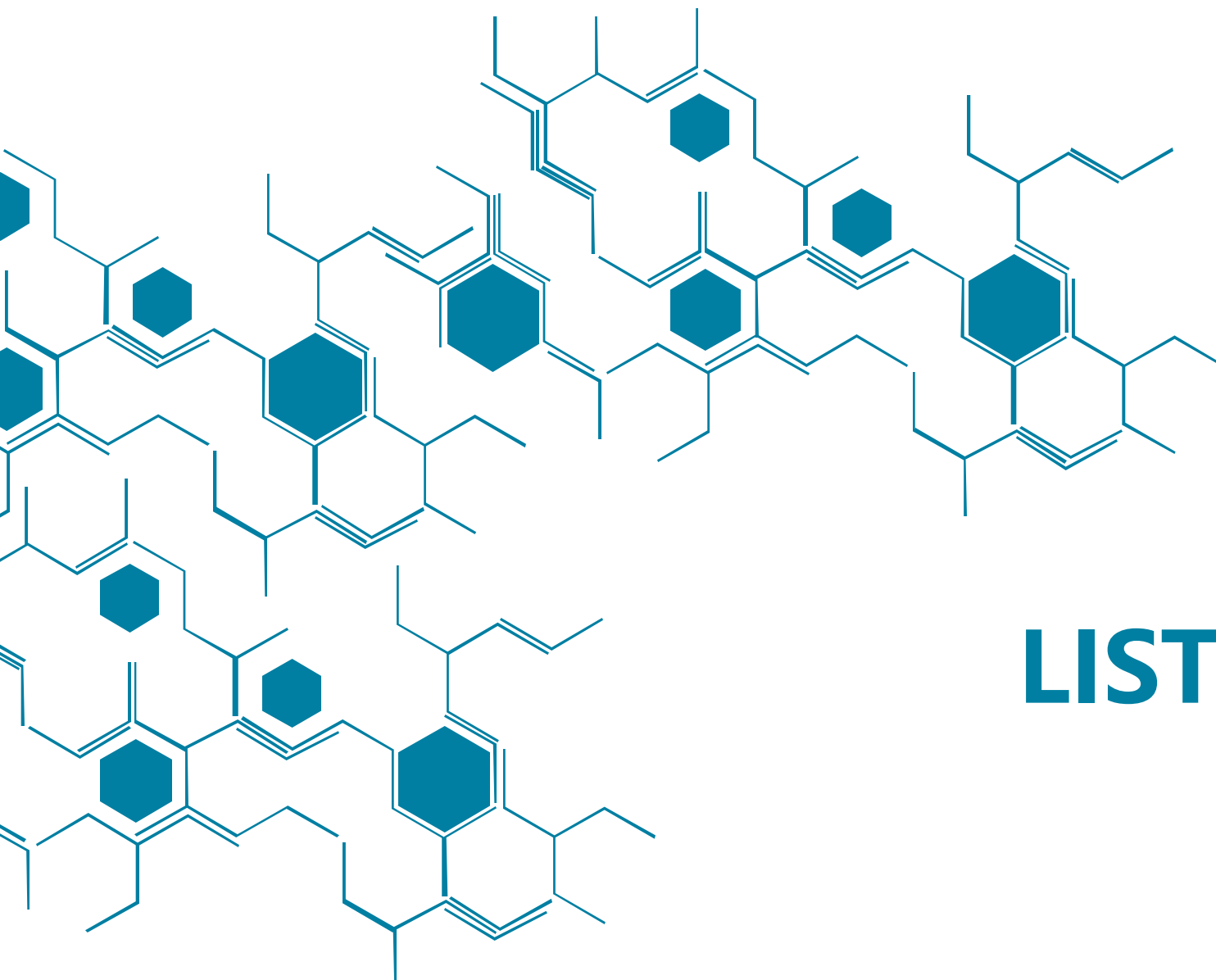


Degreaser is a cleaning agent designed to remove grease, oil, and other stubborn residues from surfaces. It works by breaking down and dissolving grease, making it easier to wipe away or rinse off.

Cleanser



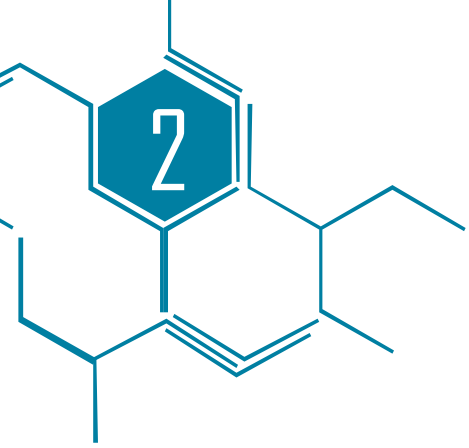
A cleanser is a substance that reduces the number of microorganisms on surfaces, such as bacteria and viruses, to a level deemed safe by public health standards. It helps to prevent the spread of infections and illnesses when used properly.



02

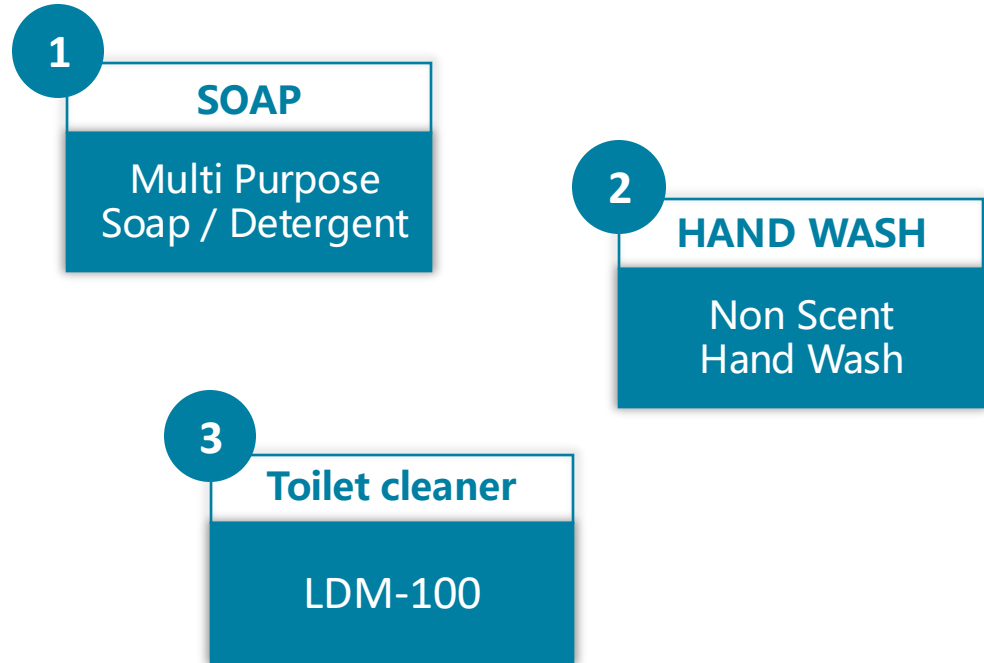
LIST OF CHEMICALS

Different Varieties & Types



Types of Chemicals

Of different kinds and types of chemicals, we use 4 kinds of chemicals in maintaining hygiene .





TYPES OF CHEMICALS

SOAP

- Clean all food contact and utility surfaces with soap.
- Use Proper concentrations for best result

SANITATION & HYGIENE

Achieve Best Sanitation and Hygiene by using chemicals in right quantity and right time.

HAND WASH

- Washing hands every 20 min will help control bacterial growth.
- Cross contamination can be avoided.

Toilet cleaner & LDM -100

Clean toilets are very important. LDM – 100 is for cleaning machinery



USES & APPLICATION

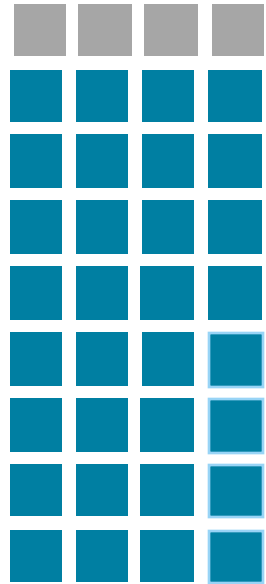
Chemical Uses &
Applications



USES & APPLICATION

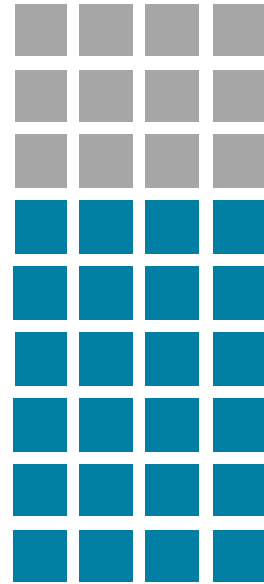
GENERAL CONSUMPTION

- 1 SOAP**
Multiple Uses
- 2 HAND WASH**
Non scent hand wash is used inside kitchen to avoid aroma transfer to food
- 3 LDM-100**
To be used in cleaning for machinery
- 4 Toilet cleaner**
Used In Common toilets



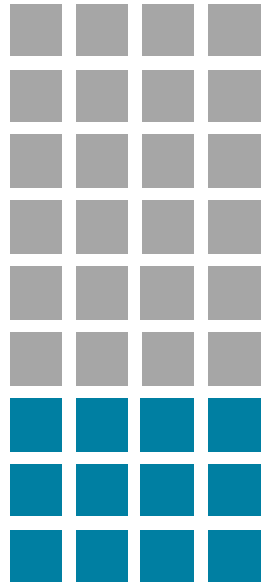
MULTI PURPOSE SOAP

Quantity is more as it is used in multiple areas at various concentrations



HAND WASH

Second highly consumed chemical



Toilet cleaner & LDM -100

Low in volume & consumption due to high concentration .



USES & APPLICATION



Temperature & ambience Control

Chemicals are used to control ambience .



Safe to USE

Only chemicals which are safe and approved shall be used .



Anti Contaminators

Type of chemicals used shall not contaminate the space and food in any manner.



Time Relevant

All chemical applications shall be time bound and should not leave any residue when used in suggested concentrations.



USES & APPLICATION

60%

Chemical

60% of the cleaning is done by the chemical

20%

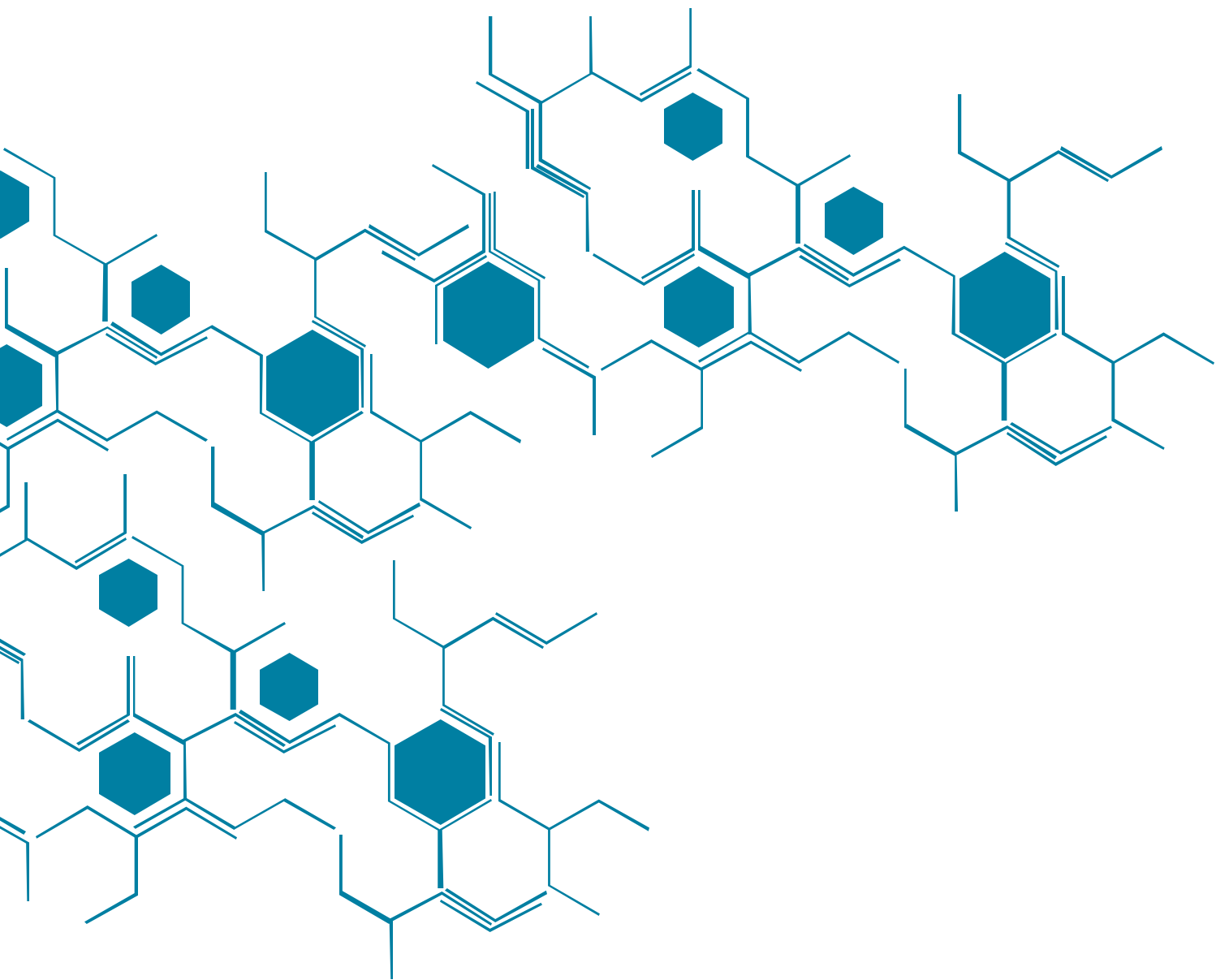
Effort

20% of the cleaning process shall depend on the effort of cleaning, which can be reduced by using right concentration of chemical.

Time

Each cleaning process requires relevant time . So , give the process required time to work perfectly.

20%



04

DILUTION

How & What to Dilute

4

DILUTION

1



Lab Tested Methods

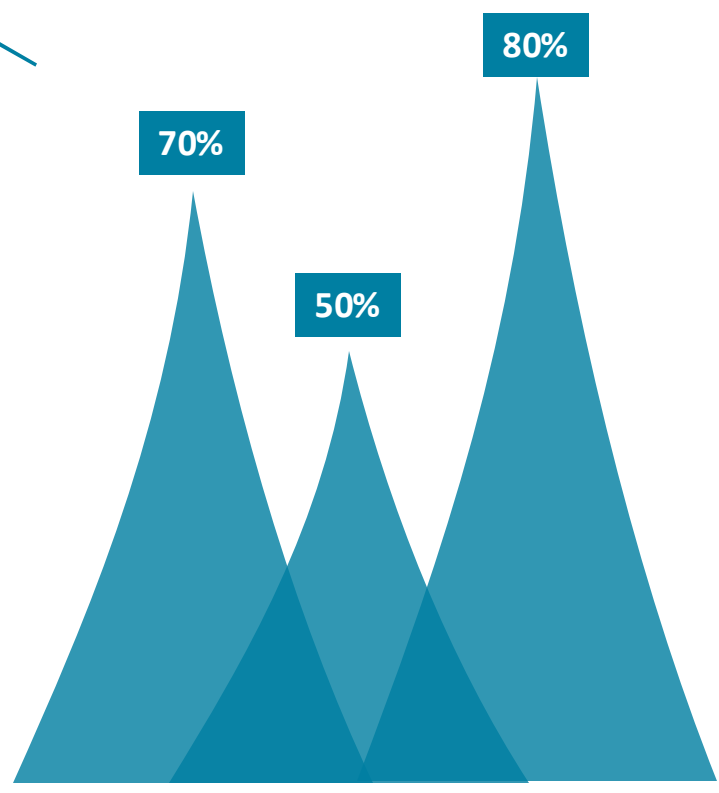
Every dilution is tested for efficiency using lab methods.

2



Expert Call

All the concentrations and dilutions are verified by experts



70%

Specified Usage criteria @70% concentration of chemical.

50%

Lighter concentration of chemical.

80%

Heavy/ strong concentration for specific usage.

Chemical Working Graph in Different Dilutions.



30 ml of Chemical in 70ml of water

Moderate Concentration

10 ml of Chemical in 90 ml o water

Super Lite Concentration

40 ml Chemical in 60 ml water

Hard Concentration

50 ml Chemical in 50 ml Water

Super Strong Concentration



SAFETY MEASURES

MULTI PURPOSE SOAP

CHEMICAL NAME	DILUTION DETAILS	USAGE FEASIBILITY	PROCESS
Multi Purpose Soap	20 ml in 80 ml water - Spray Gun	Food contact surface cleaning . Working tables, Make lines, Cutting tables.	Spray, scrub, wipe and clean with HOT water. *Make sure that the wipes/ cloth used are fresh and clean.
Multi Purpose Soap	600 ml in 10 lit water	Pot wash, Utensil cleaning, cutlery washing	*Mix in 3 sink , *soak for a min of 10 minutes, *SOAP - SCRUB - RINSE - DRY
Multi Purpose Soap	150 ml in 10 lit water	Floor Wash / Mop Clean	Spread the soap, scrub, Squeeze, MOP and DRY.
Multi Purpose Soap	10 ml in 1 lit water	GLASS CLEAN / MARBLE CLEAN, Show Pieces Clean	Spray, rub, wipe & dry
Multi Purpose Soap	100 ml in 1 lit water	REST ROOM CLEANING	Spread on the floor, scrub, squeeze, rinse with plain water and squeeze to dry.



SAFETY MEASURES

HAND WASH

CHEMICAL NAME	DILUTION DETAILS	USAGE FEASIBILITY	PROCESS
HAND WASH	To be used directly	Kitchen Staff Hand Washing	Wet hands, Soap, Scrub, Foam, rub for 20 seconds, wash and dry.



SAFETY MEASURES

LDM-100

CHEMICAL NAME	DILUTION DETAILS	USAGE FEASIBILITY	PROCESS
LDM-100	First use it directly. If too strong then dilute 100 ml with 1 lit water	All equipment used in food manufacturing. MUST be used with gloves & glasses	Mix in spray gun, spray in desired areas. Gloves & glasses are absolutely necessary whilst using
	50 ml in 1 lit water	Cutting tables Food preparation area Must be used with care while wearing gloves & glasses	Spray, scrub, wipe and clean with cold water. *Make sure that the wipes/ cloth used are fresh and clean
	Use directly	Drain clog areas	pour 100 ml in drain areas at the end of the shift.



THANKS