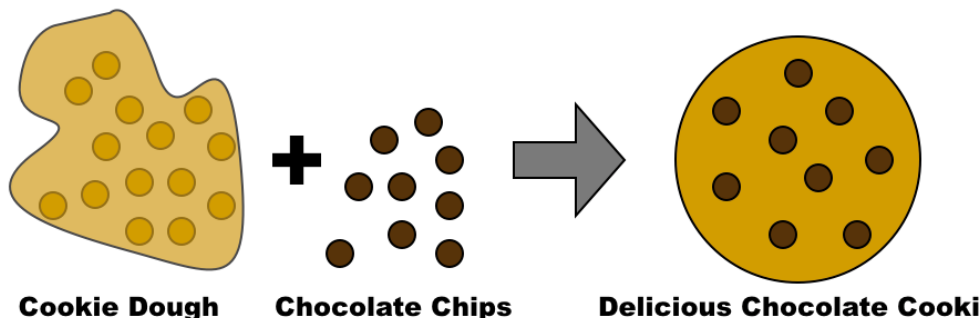


FORMULATED CLEANER OR COMMODITY CLEANER?

IPC's formulated cleaners are unique blends of components, made to exact specifications. The end result is a recipe designed to bring out the best qualities of each ingredient by combining them in precise amounts.

Think about baking chocolate chip cookies...while the chocolate pieces might taste good on their own, the finished cookie is so much better!



Cookie Dough + **Chocolate Chips** → **Delicious Chocolate Cookie**

Chocolate Chip Cookie Recipe

- 2 1/4 cups all-purpose flour
- 1 teaspoon baking soda
- 1 teaspoon salt
- 1 cup (2 sticks) butter, softened
- 3/4 cup granulated sugar
- 3/4 cup packed brown sugar
- 1 teaspoon vanilla extract
- 2 large eggs
- 2 cups semi-sweet chocolate chips

PREHEAT oven to 375° F.

COMBINE flour, baking soda and salt in small bowl. Beat butter, granulated sugar, brown sugar and vanilla extract in large mixer bowl until smooth. Add eggs, one at a time, beating well after each one. Gradually beat in flour mixture. Stir in chocolate chips. Drop by rounded tablespoon onto ungreased baking sheets.

BAKE for 9 to 11 minutes or until golden brown.

Interested in learning more about formulated cleaners? Visit our website at www.ipcol.com and read more about formulated versus commodity cleaners on our blog, www.ipcol.com/blog.

INDUSTRIES SERVED

- Aerospace
- Automotive & Transportation
- Firearms
- Food and Beverage
- Heavy Equipment
- Laboratory
- Marine
- Medical Device
- Metalworking
- Nuclear Energy
- Pharmaceutical
- Semiconductor/Electronics
- Solar & Energy
- Water & Wastewater

CLEANING APPLICATIONS

- Electronics
- Filter Membranes
- Food and Beverage Processing
- Instruments
- Labware
- Medical Devices
- Metals
- Pharmaceutical Manufacturing
- Process Equipment
- Tool & Parts Cleaning

PROPER CLEANER SELECTION

In order to choose the best product for your application you must consider the surface you are cleaning, method of cleaning, water temperature, and soil.

The chart below provides general information based on the type of soil being removed.

Please contact us for technical information specific to your process.

DETERGENT SELECTION GUIDE

✓ = Used ✓ = Preferred

SOILS	Micro-90®	Micro® Green Clean	Micro® A07	Surface-Cleanse/930®	LF2100®	Zymit® Low-Foam	Zymit® Pro
Adhesives	✓	✓		✓	✓		
Biofilm	✓	✓		✓	✓		
Biological soils: Blood, Feces, Mucous, Sebum, Sweat, Urine	✓	✓		✓	✓	✓	✓
Dyes, Inks	✓	✓		✓	✓		
Eggs, Butter, Fruit Stains	✓	✓			✓	✓	✓
Emulsifiers	✓	✓		✓	✓		
Fat	✓	✓		✓	✓		
Fingerprints	✓	✓		✓	✓	✓	✓
Flavor, Fragrances	✓	✓		✓	✓		
Gelatin						✓	✓
Gels	✓	✓		✓	✓	✓	✓
Grass	✓	✓			✓	✓	✓
Insoluble Salts			✓				
Milkstone	✓	✓	✓		✓	✓	✓
Oils	✓	✓		✓	✓		
Oxides	✓	✓	✓		✓		
Paraffins	✓	✓		✓	✓		
Petrolatum	✓	✓		✓	✓		
Proteins						✓	✓
Scale			✓				
Shop Dusts, Soldering Flux	✓	✓	✓	✓	✓		
Silicons	✓	✓		✓	✓		
Starch						✓	
Tar	✓	✓		✓	✓		
Tissue						✓	✓
Titanium Dioxides	✓	✓			✓		

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