A Guide to MAP Gas Mixtures

Bulk Retail

### Bulk Red Meat

- **Raw Red Meat**: 100% N₂
- **Retail**: 70% CO₂, 30% N₂

### Bulk Poultry and Game

- **Recommended gas mix**: 30% CO₂, 70% N₂

### Bulk Cooked and Dressed Vegetable Products

- **Recommended gas mix**: 50% CO₂, 50% N₂

### Bulk Other Dairy Products

- **Other dairy products**: 100% N₂
- **Retail**: 30% CO₂, 70% N₂

### Bulk Grated and Soft Cheeses

- **Recommended gas mix**: 70% CO₂, 30% N₂

### Bulk cooked, cured and processed fish and seafood products

- **Recommended gas mix**: 70% CO₂, 30% N₂

### Bulk raw high-fat oily fish and seafood

- **Recommended gas mix**: 70% CO₂, 30% N₂

### Bulk raw poultry and game

- **Recommended gas mix**: 70% CO₂, 30% N₂

### Bulk raw offal

- **Recommended gas mix**: 70% CO₂, 30% N₂

### Bulk cooked, cured and processed poultry and game

- **Recommended gas mix**: 70% CO₂, 30% N₂

### Bulk dried food products (coffee, milk powder, etc.)

- **Exceptions**: 100% N₂

### Bulk dried vegetable products

- **Recommended gas mix**: 70% CO₂, 30% N₂

### Bulk liquid food and beverage products

- **Carbonated Soft Drinks**: 70% CO₂, 30% N₂
- **Liquid Food and Beverage Products**: 50% CO₂, 50% N₂

### Bulk aerosol creams (nitrous oxide N₂O)

- **Recommended gas mix**: 100% N₂

### Bulk dried colourings, dried flavourings, dried fruits, dried herbs

- **Recommended gas mix**: 100% N₂

### Bulk other dairy products

- **Retail**: 30% CO₂, 70% N₂

### Bulk aerosol creams, butter, cream cakes, creams, custards, fresh cheeses

- **Recommended gas mix**: 70% CO₂, 30% N₂

### Bulk dried lentils, dried mushrooms, dried pasta, dried snack food

- **Recommended gas mix**: 70% CO₂, 30% N₂

### Bulk dried lentils, dried mushrooms, dried pasta, dried snack food

- **Dried food products (coffee, milk powder, etc.)**: 100% N₂

### Bulk rice salads, rissoles, stuffed peppers and tomatoes

- **Recommended gas mix**: 70% CO₂, 30% N₂

### Bulk vegetable pilau, vegetable pie, vegetarian burgers

- **Recommended gas mix**: 70% CO₂, 30% N₂

### Bulk vegetable curries and dosas, vegetable flans, cauliflower cheese, coleslaw, cooked beans and potatoes

- **Recommended gas mix**: 70% CO₂, 30% N₂

### Bulk vegetable salads, pakoras, pasta and potato salads, pilafs, quorn dishes

- **Recommended gas mix**: 70% CO₂, 30% N₂

### Bulk spring rolls, stuffed pitta bread, tacos, tostadas, vol au vents

- **Recommended gas mix**: 70% CO₂, 30% N₂

### Bulk chicken roll, cured game birds, capon galantine, chicken ballotine, chicken terrine

- **Recommended gas mix**: 70% CO₂, 30% N₂

### Bulk fish galantine, fish rillettes, fish terrines, hot smoked fish, kippers

- **Recommended gas mix**: 70% CO₂, 30% N₂

### Bulk roast meats, salami, smoked reindeer, smoked venison, tongue, pastrami, pâtés, pepperoni, potted meats, rillettes

- **Recommended gas mix**: 70% CO₂, 30% N₂

### Bulk urchins, shrimp, squid, whelks, winkles

- **Recommended gas mix**: 70% CO₂, 30% N₂

### Bulk Abalone, clams, cockles, conch, crab, crayfish, cuttlefish

- **Recommended gas mix**: 70% CO₂, 30% N₂

### Bulk Bream, brill, catfish, cod, coley, croaker, dab, dover and lemon sole

- **Recommended gas mix**: 70% CO₂, 30% N₂

### Bulk flounder, grouper, haddock, hake, halibut, hoki, huss

- **Recommended gas mix**: 70% CO₂, 30% N₂

### Bulk pilchard, rock salmon, salmon, sardines, shad, sprat

- **Recommended gas mix**: 70% CO₂, 30% N₂

### Bulk tuna, sardines, anchovies

- **Recommended gas mix**: 70% CO₂, 30% N₂

### Bulk black, canned, smoked, poached, filleted, boned

- **Recommended gas mix**: 70% CO₂, 30% N₂

### Bulk Battered: fish, seafood, meats and poultry

- **Recommended gas mix**: 70% CO₂, 30% N₂

### Bulk soups, ready meals containing vegetables

- **Recommended gas mix**: 70% CO₂, 30% N₂

### Bulk containing poultry, sauces, ready meals containing seafood

- **Recommended gas mix**: 70% CO₂, 30% N₂

### Bulk vegetable salads, pakoras, pasta and potato salads, pilafs, quorn dishes

- **Recommended gas mix**: 70% CO₂, 30% N₂