

Ben and Jerry's – relational schema

ASSEMBLY_LINE			
NUMBER	RECIPE	MIXINS?	CAPACITY
1	OSW	Yes	40
2	NYSFC	Yes	25
3	MMV	No	25

FLAVOR		
NAME	COST_PER_CARTON	FREEZER#
Banana	.85	17
Chocolate	.75	35
Vanilla	.55	29
Caramel	.80	2

FREEZER		
ID#	CAPACITY	LOAD
17	500	100
29	500	500
2	1000	1000
35	500	400

RECIPE		
NAME	BASEFLAVOR	CARTONS_ORDERED
NYSFC	Chocolate	150
VHBC	Vanilla	450
OSW	Caramel	440
MMV	Vanilla	200
CM	Banana	400
EBT	Chocolate	120

MIXIN		
MIXIN	NEEDS_REF?	COST_PER_OZ
HB Chunks	No	.10
Cherries	Yes	.15
Pecans	No	.25
Fudge Flakes	No	.15
Walnuts	No	.25
Almonds	No	.20
Marshmallows	No	.01

RECIPE_MIXINS	
RECIPE_NAME	MIXIN
NYSFC	Fudge Flakes
NYSFC	Pecans
NYSFC	Walnuts
NYSFC	Almonds
VHBC	HB Chunks
OSW	Marshmallows
OSW	Fudge Flakes
CM	Fudge Flakes
CM	Walnuts
EBT	HB Chunks
EBT	Cherries
EBT	Pecans
EBT	Fudge Flakes
EBT	Walnuts
EBT	Almonds
EBT	Marshmallows

CONTAINER				
ID#	REF?	CAPACITY	LOAD	MIXIN
1	No	500	500	HB Chunks
2	No	500	500	HB Chunks
3	No	500	500	HB Chunks
4	Yes	800	400	Cherries

Note: NYSFC = “New York Super Fudge Chunk”; VHBC = “Vanilla Heath Bar Crunch”; OSW = “One Sweet Whirled”; CM = “Chunky Monkey”; EBT = “Everything But The...”