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SAFE-CLEAN 2000™ Cleaner/Degreaser

SAFE-CLEAN 2000™ Cleaner/Degreaser is the only cleaner/degreaser recommended by Carroll Manufacturing International® for use in the washdown systems of Carroll Ventilators.

SAFE-CLEAN 2000™ Cleaner/Degreaser Advantages

- UNIQUE, POWERFUL CLEANING FORMULA tough enough to break down the worst oil and grease in your water-wash system...leaving it Super Clean!
- Safe for the environment-biodegradable
- Reduces the need for using environmentally harmful chemicals.
- Cerified by Green Cross.
- Non-caustic and non-abrasive.
- Dilutes with water.
- Concentrated formula gives you more cleaning power for your money!
- Keeps drains clear.
- Compatible with bio-enzyme wastewater treatment products like TDW Grease Treatment
- Exclusive Carroll detergent pump warranty

Formulas at Your Fingertips

In order to achieve **maximum economy** in the maintenance of your water-wash-system, **SAFE-CLEAN 2000™ Cleaner/Degreaser** can be diluted. Fill the detergent tank based on the following suggested dilutions:

COOKING TYPE	DILUTION SUGGESTED
Light daily cooking	1 part SAFE-CLEAN 2000™ : 3 parts water
Medium daily cooking	1 part SAFE-CLEAN 2000™ : 2 parts water
Heavy daily cooking (No charbroil/solid fuel use)	1 part SAFE-CLEAN 2000™: 1 part water
Heavy daily cooking with Charbroiling and/or Solid fuel cooking	Use concentrate

NOTE: There are multiple combinations of dilution, wash cycle length, water temperature, and mechanical options possible for most systems. Consult Carroll or an experienced distributor/service agent for information regarding the best program for your institution.

Length of Cleaning Cycle

Make sure that the length of the hot water and detergent wash time is sufficient to remove the daily grease load. Carroll's recommended cleaning times are 3 minutes for light duty cooking, 6 minutes for medium duty cooking, and 9 minutes for heavy duty cooking.

Water Conditions

For proper cleaning, Carroll recommends a water temperature of 140 degrees Fahrenheit (60 degrees Celsius) minimum and 180 degrees Fahrenheit (82 degrees Celsius) maximum; and a water pressure of 40 PSI (2.8 kg/cm²) minimum and 80 PSI (5.6kg/cm²) maximum.

SAFE-CLEAN 2000 Detergent Flow Chart (Imperial Units) Based on full strength

Control Panel Pipe Size	Factory Cam Setting	Oz. Per Min. at 40 PSI Water Pressure	Length of Cleaning Cycle					
			3 minutes (light)		6 minutes (Medium)		9 minutes (Heavy)	
			Oz. Per Day	Gal. Per Month	Oz. Per Day	Gal. Per Month	Oz. Per Day	Gal. Per Month
1/2"	#1	3.2	9.6	2.1	19.2	4.2	28.8	6.3
3/4"	#2	5.1	15.3	3.4	30.6	6.8	45.9	10.2
1"	#3	6.0	17.8	3.9	35.6	7.8	53.4	11.7
1-1/4"	#4	6.3	18.8	4.1	37.6	8.2	56.4	12.3
1-1/2"	#5	6.8	20.4	4.8	40.8	9.6	61.2	14.4

SAFE-CLEAN 2000 Detergent Flow Chart (Metric Units) Based on full strength

Control Panel Pipe Size	Factory Cam Setting	Oz. Per Min. at 40 PSI Water Pressure	Length of Cleaning Cycle					
			3 minutes (light)		6 minutes (Medium)		9 minutes (Heavy)	
			Liters Per Day	Liters Per Month	Liters Per Day	Liters Per Month	Liters Per Day	Liters Per Month
15	#1	.095	.285	8.55	.570	17.10	.855	25.65
20	#2	.150	.461	13.83	.922	27.66	1.383	41.49
25	#3	.177	.526	15.78	1.05	31.56	1.576	47.34
32	#4	.186	.556	16.66	1.11	33.32	1.67	49.98
40	#5	.201	.603	18.09	1.206	36.18	1.809	54.27



Carroll Manufacturing International

Certified Biodegradable

SAFE-CLEAN 2000™ Cleaner/Degreaser is certified biodegradable by Scientific Certification Systems (SCS), an independent scientific organization. They have established some of the nation's strictest standards for environmental performance. Look for this mark of SCS certification:

BIODEGRADABLE PRODUCT

Breaks down into carbon dioxide, basic minerals, and water. Claim independently verified by



SAFE-CLEAN 2000™

USDA AUTHORIZED* — OSHA AUTHORIZED

*For use in federally inspected meat and poultry plants

SAFE-CLEAN 2000™



Industrial Strength CLEANER/DEGREASER

**For Automatic Water-Wash Exhaust Ventilators
Limpiador/Degradador Con Fuerza Industrial**

Removes Grease • Prevents Buildup • Non-caustic
Certified Biodegradable by



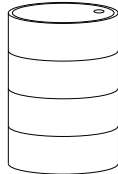
PRODUCT ORDERING INFORMATION



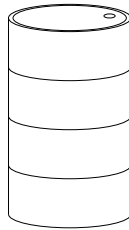
Order #BO4200
1 Gallon (4 per case)
35 lbs.



Order #BO4205
5 Gal. Pail 45 lbs.



Order #BO4215
30 Gal. Drums 260 lbs.



Order #BO4210
55 Gal. Drums 480 lbs.

SHIPPING CONFIGURATION

SIZE	UNIT	PALLET QTY.	SHIPPING WT. IN LBS.
1 Gallon	Case (4 Gal.)	36	1310
5 Gal. Pail	Pail	27	1265
30 Gal. Drum	Drum	4	1090
55 Gal. Drum	Drum	4	1970

LIMITED WARRANTY STATEMENT SAFE-CLEAN 2000™ INDUSTRIAL STRENGTH CLEANER/DEGREASER DETERGENT PUMP PARTS WARRANTY

Carroll Manufacturing International (CMI) warrants to the user of Safe Clean 2000™ Industrial Strength Cleaner/Degreaser that the product will not cause damage to the detergent pump systems of water-wash exhaust hood systems. Safe-Clean 2000™ is specially formulated for this use as a highly concentrated colloidal degreaser. To ensure that the product is of the highest quality and formulation standards, the product has been authorized by the USDA. In addition, Safe-Clean 2000™ has been certified biodegradable by SCIENTIFIC CERTIFICATION SYSTEMS, more commonly known as the "Green Cross."

The CMI warranty covers the mechanical parts of the detergent pump system. In the event of detergent pump part failure, CMI will replace the pump parts necessary to restore operation of the detergent pump. This warranty shall not cover damage to said parts from the use of any other detergent. In fact, the use of any other detergent shall void this warranty.

This warranty program will become effective for any pump at any location after three months of continuous use, in accordance with Carroll's recommendations, of Safe-Clean 2000™ product. It is assumed that any pump working satisfactorily for three months was in satisfactory condition at the outset. Conversely, it is assumed that any pump failing in the first three months was already in failure condition due to wear or abuse from incorrect chemical detergent usage.

This is the sole warranty with respect to SAFE-CLEAN 2000™ detergent. CARROLL MAKES NO OTHER WARRANTY OF ANY KIND WHATSOEVER, EXPRESSED OR IMPLIED, AND ALL IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR USE WHICH EXCEED THE AFORESAID OBLIGATION ARE HEREBY DISCLAIMED AND EXCLUDED FROM THIS AGREEMENT. CARROLL MANUFACTURING INTERNATIONAL SHALL NOT BE RESPONSIBLE FOR INCIDENTAL OR CONSEQUENTIAL DAMAGES RESULTING FROM A BREACH OF THIS WARRANTY.

Safe-Clean 2000™ is distributed through our nationwide network of Authorized Service Agencies. For the name, address, and phone number of your nearest Safe-Clean 2000™ distributor, please contact Carroll Manufacturing International®.



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