

< Gaylord >

20/10 PRODUCTS, INC.  
MATERIAL SAFETY DATA SHEET

G-510-1  
G-510-5  
G-510-30  
G-510-55

Date Issued:08/01/2009

**SECTION 1 - PRODUCT IDENTIFICATION**

PRODUCT NAME OR NUMBER (as it appears on label):

**20/10 G-510 CLEANER/DEGREASER**

MANUFACTURER'S NAME:

20/10 PRODUCTS, INC.

EMERGENCY PHONE NO.: (800) 424-9300

ADDRESS (number, street, city, state and zip code):

3049 INDUSTRIAL WAY NE  
SALEM, OREGON 97303

GENERAL INFO: (503) 399-2010  
(800) 286-2010  
(20/10 Business Office)

**SECTION 2 - HAZARDOUS INGREDIENTS**

CAS REGISTRY NO.	%W	CHEMICAL NAME	EXPOSURE LIMIT		
			OSHA PEL	ACGIH TLV	OTHER
141-43-5	2-5%	2-Amino Ethanol MEA	3 ppm	3 ppm	6 ppm
111-76-2	3-6%	2-Butoxyethanol EB	25 ppm	25 ppm	None

**SECTION 3 - HAZARD AND TOXICOLOGICAL INFO**

Formula G510 is a Non-Toxic, 99% Biodegradable Formula.

**NO PHOSPHATES**

**NO NITRATES**

**NO SULFANIDES**

**ECOLOGICALLY SAFE**

**SIGNS AND SYMPTOMS:** Direct contact of product with skin and eyes may cause irritation.

Prolonged or repeated contact of product with skin and eye may cause slight redness.

**PRIMARY ROUTES OF ENTRY:** Skin contact, eyes, ingestion.

**EFFECTS OF OVEREXPOSURE:** None

**SECTION 4 - FIRST AID MEASURES**

**FIRST AID PROCEDURES:**

Skin Contact: Rinse off with water.

Eye Contact: Flush eyes with water.

If Swallowed: Drink large amounts of water.

**SECTION 5 - FIRE FIGHTING MEASURES**

**FLASH POINT:** None

**EXTINGUISHING MEDIA:** N/A

**UNUSUAL FIRE AND EXPLOSION HAZARDS:** None.

**SECTION 6 - HANDLING, STORAGE AND ACCIDENTAL RELEASE**

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Flush with water.  
WASTE DISPOSAL METHOD: Dispose of waste according to Local, State and Federal regulations.

**SECTION 7 - EXPOSURE CONTROLS AND PERSONAL PROTECTION**

RESPIRATORY PROTECTION: None required.  
VENTILATION: Normal building ventilation.  
OTHER PROTECTIVE EQUIPMENT: None required.

**SECTION 8 - PHYSICAL AND CHEMICAL PROPERTIES**

APPEARANCE & ODOR: Slightly viscous, light amber color	Vapor Pressure (mm Hg): 17.2
SPECIFIC GRAVITY: 1.01 (H <sub>2</sub> O=1) (wt./gal. 8.45#)	Percent Volatile (% volume): 7.2%
BOILING POINT: 212F	Vapor Density: Not Determined
SOLUBILITY IN WATER: Complete	
EVAPORATION RATE: Not Determined	
pH: 9.7	

**SECTION 9 - STABILITY AND REACTIVITY**

STABILITY: Stable.  
INCOMPATIBILITY (MATERIALS TO AVOID): None Known  
HAZARDOUS DECOMPOSITION PRODUCTS: None.  
HAZARDOUS POLYMERIZATION: Will not occur.  
NON REGULATED PER DOT  
VOC (%): 8.5

**SECTION 10 - DISPOSAL CONSIDERATIONS**

WASTE DISPOSAL INFORMATION: Dispose of contaminated product and materials used in cleaning up spills or leaks in a manner approved for this material. Consult appropriate Federal, State and Local regulatory agencies to ascertain proper disposal procedures.

**SECTION 11 - DOT AND TRANSPORTATION INFORMATION**

DOT CLASS: 55  
SHIPPING NAME: Formula G-510 Cleaner/Degreaser  
SPECIAL INFO: None  
NON REGULATED PER DOT

**SECTION 12 - REGULATORY AND ECOLOGICAL INFORMATION**

All ingredients in this product are listed on the TSCA list.

**SECTION 13 - OTHER INFORMATION**

Always follow label directions carefully when using this or any other chemical product. If information about this product is required, please contact 20/10 Products at the number listed on page 1. Keep MSDSs filed and organized in an area accessible to workers according to the Hazard Communication Standards.

**SECTION 14 - HAZARD RATING**

HEALTH : 1	RATING SCALE:	
FIRE : 0	0=MINIMAL	3=SERIOUS
REACTIVITY : 0	1=SLIGHT	4=SEVERE
SPECIAL : NONE	2=MODERATE	

Item File Maintenance

Type Item Warehouse choices, press Enter.

Mode: CHANGE

Cmp/Div/Loc/Whs . . . . .	: 1 1 1 1		
Item Number/Description . . . . .	: 510510 S/O DETERGENT CONC ECO GAYLORD #G-510		
		Pack.:	1 Size.: 55GL
Market Cost . . . . .	: 600.8000	National Account Cost . . . . .	: .0000
Actual Cost . . . . .	: 40.7500	Average Cost. . . . .	: 40.7500
Last P.O. Cost. . . . .	: 524.8000	Lifo Inventory Cost . . . . .	: 524.8000
Freight Amount Per Case . . . . .	: .0000	Sales Rep Cost. . . . .	: 613.0600
Burden Override % / Code. . . . .	: .0000	Deposit Amount Per Pack . . . . .	: .0000
Act/Mkt Spread Calc Code. . . . .	: -	Act/Mkt Spread Calc Rate. . . . .	: .0000
Item Price Standard # . . . . .	: 00034	Warehouse For Zone Prices . . . . .	: 1
Zone 1 Price . . . . .	: 928.8900	Zone 2 Price . . . . .	: 973.1200
Zone 3 Price . . . . .	: 1021.7800	Zone 4 Price . . . . .	: 1075.5500
Zone 5 Price . . . . .	: 1135.3100	Zone 6 Price . . . . .	: 1202.0900
Zone 7 Price . . . . .	: 901.5700	Zone 8 Price . . . . .	: 875.8100
			<b>Bottom</b>

F3=Exit    F4=Prompt    F5=Refresh    F12=Cancel    F13=Multi Location Access

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# Formula G-510

CONCENTRATED COLLOID CLEANER

## INDUSTRIAL STRENGTH COLLOID CLEANER

CONCENTRATED FORMULA

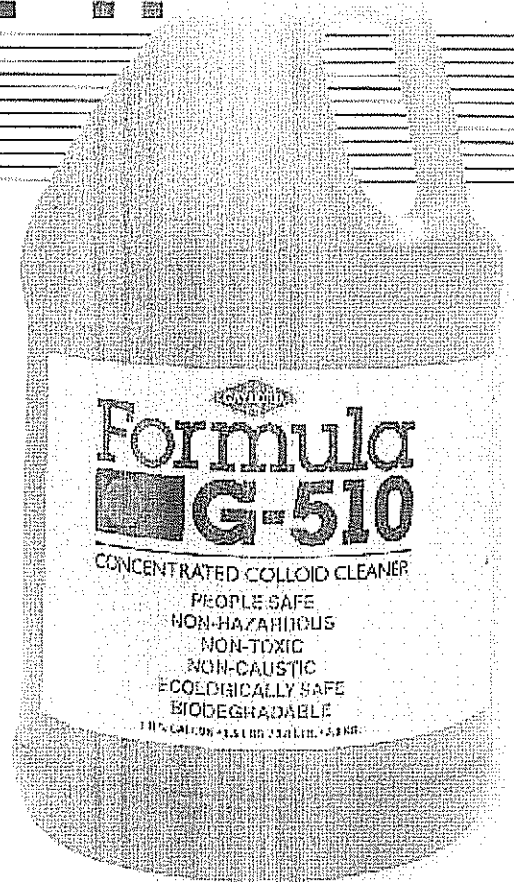
FOR GAYLORD VENTILATOR CLEANING SYSTEMS

Formula G-510 is a multi-purpose colloid cleaner that's ideal for tough clean-up jobs like burnt-on food and heavy grease deposits. The colloids in Formula G-510 break up dirt into millions of tiny particles that constantly repel each other, so they can't stick back together, and are easy to wash away.

Formula G-510 is non-hazardous, non-toxic, non-caustic, non-fuming, non-flammable and non-explosive! It's also 98% biodegradable, and contains no phosphates, nitrates, enzymes, sulfates, sulfonates or silicates.

Just add Formula G-510 to your Gaylord washdown system, and let its concentrated formula go to work, safely and effectively.

For complete information about using Formula G-510 with your Gaylord washdown ventilator system, call 1.800.286.2010, or talk to your 20/10 distributor.



FORMULA G-510 = 1 GALLON  
Also in 5-gallon pails, plus  
30 and 55-gallon drums.

Recommended  
for use in  
Gaylord  
ventilator  
washdown  
systems.

Gaylord is a registered trademark of Gaylord Industries, Inc. Formula G-510 is a trademark of Gaylord Industries, Inc.



INDUSTRIAL CLEANING SYSTEMS



# Formula G-510

CONCENTRATED COLLOID CLEANER

INDUSTRIAL STRENGTH

# COLLOID CLEANER

CONCENTRATED FORMULA

FOR GAYLORD VENTILATOR CLEANING SYSTEMS

### Proper Dilution of Formula G-510

**Normal Cleaning.** For ventilators covering cooking equipment such as broilers, griddles, fryers or other heavy grease-producing equipment. Fill detergent tank with full strength Formula G-510.

**Light Cleaning.** For ventilators covering light grease-producing equipment such as ovens, kettles, steamers and ranges. Fill detergent tank with one part Formula G-510, one part water.

### Length of Cleaning Cycle

Make sure the length of washing time is adequate to handle dirty grease load. Average cleaning cycle is 5 minutes; heavy grease loads may require additional time. Time is adjustable up to 10 minutes.

### Water Temperature

140°F (60°C) min  
180°F (82°C) max

### Water Pressure

40 psi (2.8 Kg/Cm<sup>2</sup>) min  
80 psi (5.6 Kg/Cm<sup>2</sup>) max

### Full Detergent Tank

Check detergent level weekly

### Formula G-510 Usage (Full Strength)

GAYLORD VENTILATOR LENGTH	factory setting	oz per min at 40 psi water pressure	Wash Cycle Length					
			3 minutes		5 minutes		7 minutes	
			oz per day	gal per min	oz per day	gal per min	oz per day	gal per min
11-12	#1	3.2	3.6	2.1	40.1	3.5	22.5	4.3
9-11	#2	5.1	5.6	3.4	28.1	5.7	38.5	7.9
10-18	#3	5.0	17.0	8.9	26.9	8.5	41.4	9.1
13-25	#4	1.5	18.8	4.1	31.3	3.8	43.0	9.8

### Formula G-510 Usage (1 part Formula G-510 to 1 part water)

GAYLORD VENTILATOR LENGTH	factory setting	oz per min at 40 psi water pressure	Wash Cycle Length					
			3 minutes		5 minutes		7 minutes	
			oz per day	gal per min	oz per day	gal per min	oz per day	gal per min
11-12	#1	3.1	6.0	1.3	9.9	2.2	13.9	3.1
9-11	#2	3.7	6.6	2.1	15.1	2.5	22.5	4.0
10-18	#3	3.6	16.9	2.4	13.2	4.0	28.0	6.6
13-25	#4	3.0	11.6	2.5	19.3	4.2	23.0	5.8

Set 1.0 min. cycle in dilution of 1:1. Heavy 25-40 cycles plus to one wet tray - follow #370.

### Cleaning Ventilator Exterior

Mix one part Formula G-510 with 20 parts water. Wipe or spray on exterior of ventilator, especially the line dumpers located at the air inlet slot. Allow to stand until grease loosens, then wipe away.

### Our Guarantee

Formula G-510 will not cause harm to the rubber and plastic parts of the Gaylord Detergent Pumping System. For complete limited warranty information, see your Formula G-510 distributor.

For complete MSDS information, visit [www.2010products.com](http://www.2010products.com)



INDUSTRIAL CLEANING SYSTEMS

2010 PRODUCTS, INC.  
SHEM, DUNELBY 15003 USA

Ph. 800.266.2010  
Ex. 503.636.4206

## Formula G-510

is safe

for virtually

every

cleaning job.