



## Acceptable Cutting Fluids and Detergents for use with PPG's MSVD Sungate<sup>®</sup> and Solarban<sup>®</sup> Coated Glass Products

(Sungate 100, Sungate 400, Solarban z50, Solarban 60, Solarban 65, Solarban 67, Solarban 70XL, Solarban 80, Sungate 100VT, Sungate 400VT, Solarban z50VT, Solarban 60VT, Solarban 65VT, Solarban 67VT, Solarban 70XLVT, Solarban 72VT, Solarban 80VT, SBR100VT Coated Glass)

Acceptable Cutting Fluid List			
PRODUCT NAME	SOURCE	TELEPHONE	WEBSITE
Magnudraw Vanishing Oil	PPG Industries, Inc (Industrial Coatings)	888-774-2001	<a href="http://www.ppg.com/coatings/industrial/Pages/default.aspx">www.ppg.com/coatings/industrial/Pages/default.aspx</a>
Magnus Vanishing Oil	Magnus Chemical	800-522-5815	<a href="http://www.magnus.ca">www.magnus.ca</a>
Acecut 5503, 5929, 6613 Glass Cutting Fluids	Bohle America, Inc	877-678-2021	<a href="http://www.bohle-america.com">www.bohle-america.com</a>
CRL Professional Cutting Fluid (W410)	CR Laurence Co.	800-421-6144	<a href="http://www.crlaurence.com">www.crlaurence.com</a>
Perfect Score 5503 Evaporating Cutting Fluid	Perfect Score	972-576-2407	<a href="http://www.glasscuttingwheels.com">www.glasscuttingwheels.com</a>
Perfect Score 6613 Evaporating Cutting Fluid	Perfect Score	972-576-2407	<a href="http://www.glasscuttingwheels.com">www.glasscuttingwheels.com</a>
GC 100E, GC 110E, GC 115E, GC 120E	Glass Chem LLC	704-504-3131	<a href="http://www.glasschem.net">www.glasschem.net</a>
Clean Cut Cutting Fluid	Edgeworks	269-637-0445	<a href="http://www.edgeworksco.com">www.edgeworksco.com</a>
CoolCut Plus 016-CCPLS	Edgeworks	269-637-0445	<a href="http://www.edgeworksco.com">www.edgeworksco.com</a>
Starkut 1991 (CoolCut 017-1991-005)	Edgeworks	269-637-0445	<a href="http://www.edgeworksco.com">www.edgeworksco.com</a>
Aculite High Precision Cutting Fluid	Perfect Technology	972-576-2200	<a href="http://www.ptc-glass.com">www.ptc-glass.com</a>
GCO, COIL, GCO2 Cutting Fluid	Tarr, LLC	800-422-5069	<a href="http://www.tarr-inc.com">www.tarr-inc.com</a>
Vanishing Oil #2	Tarr, LLC	800-422-5069	<a href="http://www.tarr-inc.com">www.tarr-inc.com</a>
Process 410 Lubricant	J&S Chemical Corp	800-370-4807	<a href="http://www.jschemical.com">www.jschemical.com</a>
Process 487 Lubricant	J&S Chemical Corp	800-370-4807	<a href="http://www.jschemical.com">www.jschemical.com</a>
GED GX Cut 6110	GED Integrated Sol.	330-963-5401	<a href="http://www.gedusa.com">www.gedusa.com</a>
Sogever 1000 FG/US Sogever 1100 FG/US Sogever 1200 FG/US	The Fletcher-Terry Company	860-828-3400	<a href="http://www.fletcheriscom.com/fwheels/main.html">www.fletcheriscom.com/fwheels/main.html</a>
<b><i>Cutting fluids that are not on this list must be submitted to PPG for evaluation</i></b>			



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Acceptable Detergent List			
Dart 210	Madison Chemical Co.	800-345-1915	www.madchem.com
Glass Washing Detergent	Billco Manufacturing Co.	724-452-7390	www.billco-mfg.com
Basic H	Shaklee Corporation	800-742-5533	www.shaklee.com
Low-E Washing Machine Detergent	Sommer & Maca / CR Laurence Co.	800-323-9200 800-421-6144	www.somaca.com www.crlaurence.com
I.G.S. 55:1	Effective Industrial Solutions		
Condor 382PGT	Condor Oil & Chemical Co.	440-965-4995	
IGW 55:1 Concentrate	Concept Cosmetic Labs		
Glass Cleaner Concentrate	CR Laurence Co.	800-421-6144	www.crlaurence.com
Acedet 5509, 6480	Bohle America, Inc	877-678-2021	www.bohle-america.com
GC 150 DET	Glass Chem LLC	704-504-3131	www.glasschem.net
UNISYN L609	Mega Lab (Naschem)	877-634-2522	www.mega-lab.com
Silverwax 9 Glass Cleaner	Laboratoire Hygienex, Inc	418-522-2332	www.silverwax.ca
Sogever SOG DG 150 SG	The Fletcher-Terry Company	860-828-3400	www.fletcherviscom.com/ fwheels/main.html
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HISTORY TABLE		
ITEM	DATE	DESCRIPTION
Original Publication	10/2/2009	Cut fluid update from 5/27/09 & detergent update from 7/17/08
Revision #1	4/20/2010	Cutting fluids and detergents added
Revision #2	11/22/2010	Bohle America phone number updated, removed Glass Supplies Inc products (Sogever) & replaced with Glass Chem products due to company change, updated Sommer & Maca company to include CR Laurence due to buyout, added other cutting fluids and detergents
Revision #3	4/13/2011	Added Perfect Score 6613 & changed other name to 5503 for cutting fluids, added GC150DET & UNISYN L609 detergents, updated MSVD listing.
Revision #4	10/21/2011	Added Magnus Vanishing Oil
Revision #5	1/3/2013	Added Solarban 67 and 67VT to header.
Revision #6	3/14/2013	Added Sogever cutting fluids from Fletcher-Terry Co.
Revision #7	6/11/2013	Added Silverwax 9 and Sogever SOG DG150 products to detergent list.

This document is intended to inform and assist the reader in the application, use, and maintenance of PPG Flat Glass products. Actual performance and results can vary depending on the circumstances. **PPG makes no warranty or guarantee as to the results to be obtained from the use of all or any portion of the information provided herein, and hereby disclaims any liability for personal injury, property damage, product insufficiency, or any other damages of any kind or nature arising from the reader's use of the information contained herein.**