

2010 New Federal Agricultural Soil Fumigant Regulations

Information Links

The U.S. Environmental Protection Agency (U.S. EPA) is requiring [new safety measures for soil fumigant pesticides](#) to increase protections for agricultural workers and bystanders - people who live, work, or otherwise spend time near fields that are fumigated. These measures apply to pesticide products containing the following active ingredients:

- chloropicrin
- dazomet
- metam sodium/potassium (including methyl isothiocyanate or MITC)
- methyl bromide

According to U.S. EPA's schedule, registrants must end sale and distribution of products bearing old labels no later than December 31, 2010. After that date, registrants can only sell and distribute products bearing new labels.

CHLOROPICRIN

Company Name	Product Name	EPA Registration Number	MSDS
Arysta Lifescience North America, LLC	Nutra Pic	66330-47	MSDS
ICL-IP America, Inc.	Metapicrin	8622-43	MSDS
TriCal, Inc.	PIC PLUS FUMIGANT	8853-6- 11220	MSDS
	TRI-CLOR EC FUMIGANT	58266-5-11220	MSDS
	TRI CLOR FUMIGANT	58266-2-11220	MSDS

CHLOROPICRIN AND 1, 3-DICHLOROPROPENE

Company Name	Product Name	EPA Registration Number	MSDS
Dow AgroSciences, LLC	Telone C-35	62719-302	MSDS
	In Line	62719-348	MSDS
TriCal, Inc.	Pic-Clor 60 EC	8536-43-11220	MSDS
	PIC-Clor 60	8536-8-11220	MSDS
	Tri-Form 35	11220-22	MSDS
	TELONE C-15	11220-20	MSDS

CHLOROPICRIN AND METHYL BROMIDE

Company Name	Product Name	EPA Registration Number	MSDS
Great Lakes Chemical Corp.	BROMO-O-2 %	5785-42	MSDS
TriCal, Inc.	MBC CONCENTRATE SOIL FUMIGANT	8853-2	MSDS

CHLOROPICRIN AND METHYL IODIDE

Company Name	Product Name	EPA Registration Number	MSDS
Arysta LifeScience North America LLC	MIDAS 33 - 67	66330-59	MSDS
	MIDAS 50-50	66330-57	MSDS
	MIDAS 98-2	66330-43	MSDS
	MIDAS E C GOLD	66330-60	MSDS
	MIDAS E C BRONZE	66330-58	MSDS

DAZOMET

Company Name	Product Name	EPA Registration Number	MSDS
Certis USA, LLC	BASAMID G	70051-101	MSDS

METAM SODIUM/METAM POTASSIUM

Company Name	Product Name	EPA Registration Number	MSDS
Amvac Chemical	K - PAM HL	105481-483	MSDS
	VAPAM HL	5481-468	MSDS
Taminco inc.	METAM CLR 42%	45728-16	MSDS
	METAM KLR 54 %	45728-27	MSDS
Tessenderlo Kerley, Inc.	SECTAGON - 42	61842-6	MSDS Spanish MSDS
	SECTAGON - K 54	61842-7	MSDS Spanish MSDS

For additional Soil Fumigant information contact:

**Arizona Department of Agriculture
Environmental Services Division**

Dealers/Registrant Web-Sites	Weather Web-Sites	Chemical Labels Look up Web Site
A. Dow AgroSciences, LLC.	A. National Oceanic and Atmospheric Administration	A. Label Search
B. Arysta LifeSciences, LLC	B. U of A Weather Stations	
C. Taminco Inc.	C. Weather Underground	
D. Tessenderlo Kerley, Inc	E. Accuweather	
F. Amvac chemical		
G. Certis USA, LLC.		
H. Tri-Cal Inc		
I. Great Lakes Chemical Corp. .		
Frequently Asked Question and Answers	Arizona Buffer Zones Regulations	OSHA Fit Test Requirements 29 CFR 1910.134
TBA	A. Arizona Buffer Zone Regulations	A. OSHA Requirements
AZ Registered Agricultural Soil Fumigant Products	ADA Power Point Presentations	
A. List of Current Soil Fumigant Product B. Soil Fumigation Register.xls	TBA	

SOIL USDA Web Site	AZ 1080 form	Self Evaluation Soil Fumigant Check List
NRCS Soils Website	1080 Blank Forms Application Reporting	SELF EVALUATION COMPLIANCE ASSISTANCE FORM

Fumigation Tarps	Respirator Medical Evaluation (On-Line)	Information in Spanish
BPI/Bloomer plastics	A. Respiratory Medical Evaluation form (On Line)	Informacion de Seguridad para los Manipuladores de Pesticidas de Fumigantes del Suelo (PDF)
AEP industries Inc.	B. Occupational Health & Environmental Safety	Informacion de seguridad en manejo de PALADIN
Poly Pack America	C. Respiratory Protection Program	Informacion de seguridad en manejo de PALADIN EC
		Información de Seguridad en manejo de productos combinados de Cloropicrina y 1, 3 D

Fumigation Management Plan (FMPs) Blank forms	Samples of Completed Fumigation Management Plan (FMPs) and Post application forms	EPA Soil Fumigant Mitigation Factsheets:
EPA Soil Fumigant Management Plans		2010 Site-Specific Fumigant Management Plans and Post-Application Summaries (PDF)
<i>Chloropicrin only</i> FMP Template Air Monitoring Breathing Zone Monitoring Handler Information Respirator Cartridge Replacement Post-application Summary Template Drip Application Monitoring	Chloropicrin only Methyl Bromide FMP Sample Only	

<p><i>Chloropicrin and 1,3-D</i></p> <p>FMP Template Air Monitoring Breathing Zone Monitoring Handler Information Respirator Cartridge Replacement Post-application Summary Template Drip Application Monitoring</p>		
<p><i>Chloropicrin and Iodomethane</i></p> <p>FMP Template Air Monitoring Breathing Zone Monitoring Handler Information Respirator Cartridge Replacement Post-application Summary Template () Drip Application Monitoring Occupied Structures</p>		
<p><i>Dazomet</i></p> <p>FMP Template Air Monitoring Breathing Zone Monitoring Handler Information Respirator Cartridge Replacement Post-application Summary Template</p>	<p>DAZOMET FMP sample only</p>	
<p><i>Metam Sodium/Potassium</i></p> <p>FMP Template</p>		

Air Monitoring Breathing Zone Monitoring Handler Information Respirator Cartridge Replacement Post-application Summary Template Water Run Monitoring	Metam Potassium FMP sample only FMP Post application Sample Only	
<i>Methyl Bromide</i> FMP Template Air Monitoring Breathing Zone Monitoring Handler Information Respirator Cartridge Replacement Post-application Summary Template	FMP Template sample Only	
Monitoring Devices		
EPA Soil Fumigation Air Monitoring Information		
Draeger Air monitoring Equipment Sensidyne Air Monitoring Equipment		