

Company: Century Aluminum Of Kentucky, LLC
 P.O. Box 500
 Hawesville KY 42348

SARA 313 Chemical Category Detail Report
Reporting Year 2011

Section 313 requires reporting of regulated chemicals, some of which fall into specific broad categories, for tracking reportable quantities. The following chemicals may fall into one of these broad categories and have been identified as having a potential reporting requirement. These compounds have been identified by searching the component names for any reference to the category types listed below. Because of the complexity of identifying these types of chemicals, you should review this report carefully to determine if there are additional chemicals in your facility that may also fall into one of these categories. Consumption data provided by your facility is also listed.

Category Type: antimony

The following chemicals are **otherwise used** by your facility. A Form R should be completed for all chemicals with consumption levels exceeding **10000** pounds.

Tradename	Manufacturer	MSDS Date	Component	Total Usage	%Min	%Max	Usage
ACID FLUX CORED SOLDER	KESTER SOLDER	10/15/1996	antimony	2		100.00	2
MOLY E.P. SEMI-SYNTHETIC GREASE #2, 274	SCHAEFFER MFG. CO.	1/1/1995	antimony dithiocarbamate	1,500	1.00	3.00	45

Total % Usage: 47

Note: If both the minimum and maximum percentages are given, the percentage of mix for this component is listed on the MSDS as a range. The calculations above assume the maximum percentage, but it may be necessary to recalculate the YTD quantity used after verifying the actual percentage with the manufacturer.

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Category Type: barium

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Tradename	Manufacturer	MSDS Date	Component	Total Usage	%Min	%Max	Usage
METAL-COR 6L WELDING WIRE	HOBART BROTHERS COMPANY	5/8/2008	barium fluoride	14,400	0.00	15.00	2,160
KRYLON INT/EXT TRUE BLUE 1910	SHERWIN-WILLIAMS/KRYLON PRODUCTS GROUP	6/17/2003	barium sulfate	72		2.00	1
HOBART BROTHERS 811N2 WELDING WIRE	ITW HOBART BROTHERS (1)	5/8/2008	barium fluoride	3,498	5.00	15.00	525

Total % Usage: 2,686

Note: If both the minimum and maximum percentages are given, the percentage of mix for this component is listed on the MSDS as a range. The calculations above assume the maximum percentage, but it may be necessary to recalculate the YTD quantity used after verifying the actual percentage with the manufacturer.

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Category Type: chromium

The following chemicals are **otherwise used** by your facility. A Form R should be completed for all chemicals with consumption levels exceeding **10000** pounds.

Tradename	Manufacturer	MSDS Date	Component	Total Usage	%Min	%Max	Usage	
METAL-COR 6L WELDING WIRE	HOBART BROTHERS COMPANY	5/8/2008	chromium	14,400	0.00	20.00	2,880	
HI-ALLOY 500 WELDING ELECTRODE	HI-ALLOY WELD SPECIALTIES	10/1/2004	chromium	20		40.00	8	
HOBART BROTHERS 811N2 WELDING WIRE	ITW HOBART BROTHERS (1)	5/8/2008	chromium	3,498	0.00	3.00	105	
PALCO 700	PRECISION ALLOYS COMPANY	5/1/1999	chromium	10	15.00	40.00	4	
Total % Usage:								2,997

Note: If both the minimum and maximum percentages are given, the percentage of mix for this component is listed on the MSDS as a range. The calculations above assume the maximum percentage, but it may be necessary to recalculate the YTD quantity used after verifying the actual percentage with the manufacturer.

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Category Type: cobalt

The following chemicals are **otherwise used** by your facility. A Form R should be completed for all chemicals with consumption levels exceeding **10000** pounds.

Tradename	Manufacturer	MSDS Date	Component	Total Usage	%Min	%Max	Usage
METAL-COR 6L WELDING WIRE	HOBART BROTHERS COMPANY	5/8/2008	cobalt	14,400	0.00	1.00	144

Total % Usage: 144

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Category Type: copper

The following chemicals are **otherwise used** by your facility. A Form R should be completed for all chemicals with consumption levels exceeding **10000** pounds.

Tradename	Manufacturer	MSDS Date	Component	Total Usage	%Min	%Max	Usage
METAL-COR 6L WELDING WIRE	HOBART BROTHERS COMPANY	5/8/2008	copper	14,400	0.00	2.00	288
LENOX STERLING LEAD-FREE SOLDER	LENOX(1)	10/1/2007	copper	3	4.00	5.00	0
HOBART BROTHERS 811N2 WELDING WIRE	ITW HOBART BROTHERS (1)	5/8/2008	copper	3,498		2.00	70
C-5A ANTISEIZE	FEL-PRO CHEMICAL PRODUCTS, L.P. (1)	7/23/1997	copper	12		25.00	3
ESAB ALL-STATE BARE ALUMINUM 4043 WIRE	ESAB GROUP, INC. (1)	1/31/2008	copper	438		0.50	2
LINCOLNWELD L-50 WELDING WIRE	LINCOLN ELECTRIC CO.	11/13/2007	copper	450		0.50	2
PALCO 450	PRECISION ALLOYS COMPANY	3/20/2007	copper	10	60.00	100.00	10
ARCAIR AIR CARBON ARC ELECTRODES	TWECO PRODUCTS, INC.	10/1/1997	copper	2,850	10.00	30.00	855

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Category Type: copper

The following chemicals are **otherwise used** by your facility. A Form R should be completed for all chemicals with consumption levels exceeding **10000** pounds.

Total % Usage: 1,231

Note: If both the minimum and maximum percentages are given, the percentage of mix for this component is listed on the MSDS as a range. The calculations above assume the maximum percentage, but it may be necessary to recalculate the YTD quantity used after verifying the actual percentage with the manufacturer.

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Category Type: lead

The following chemicals are **otherwise used** by your facility. A Form R should be completed for all chemicals with consumption levels exceeding **10000** pounds.

Tradename	Manufacturer	MSDS Date	Component	Total Usage	%Min	%Max	Usage	
MARATHON REGULAR UNLEADED GASOLINE	MARATHON PETROLEUM CO.	12/7/2010	marathon regular unleaded gasoline w/eth	90,136		100.00	90,136	
ACID FLUX CORED SOLDER	KESTER SOLDER	10/15/1996	lead	2		100.00	2	
Total % Usage:								90,138

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Category Type: manganese

The following chemicals are **otherwise used** by your facility. A Form R should be completed for all chemicals with consumption levels exceeding **10000** pounds.

Tradename	Manufacturer	MSDS Date	Component	Total Usage	%Min	%Max	Usage
METAL-COR 6L WELDING WIRE	HOBART BROTHERS COMPANY	5/8/2008	manganese	14,400	0.00	4.50	648
HI-ALLOY 500 WELDING ELECTRODE	HI-ALLOY WELD SPECIALTIES	10/1/2004	manganese	20		0.10	0
INNERSHIELD NS-3M ALL SIZES	LINCOLN ELECTRIC CO.	3/7/2008	manganese compounds	1,000	0.00	0.50	5
HOBART BROTHERS 811N2 WELDING WIRE	ITW HOBART BROTHERS (1)	5/8/2008	manganese	3,498	0.00	4.00	140
PALCO 700	PRECISION ALLOYS COMPANY	5/1/1999	manganese	10	0.10	1.00	0
OUTERSHIELD 71M AND 71M-H	LINCOLN ELECTRIC CO.	10/21/2005	manganese and/or manganese alloys	700		5.00	35
CAST STEEL SHOT,LOW CARBON CAST STL SHOT	METALTEC STEEL ABRASIVE COMPANY	1/1/2003	manganese	134,000	1.00	1.50	2,010

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Category Type: manganese

The following chemicals are **otherwise used** by your facility. A Form R should be completed for all chemicals with consumption levels exceeding **10000** pounds.

Tradename	Manufacturer	MSDS Date	Component	Total Usage	%Min	%Max	Usage
FLEETWELD 180 ELECTRODES AWS E6011	LINCOLN ELECTRIC CO.	5/10/2001	manganese and/or manganese alloys& compo	150		0.50	1
LINCOLNWELD L-50 WELDING WIRE	LINCOLN ELECTRIC CO.	11/13/2007	manganese	450		1.00	5
FLEETWELD 5P AWS E6010	LINCOLN ELECTRIC CO.	1/20/1996	manganese compounds	350		1.00	4
HI-IMPACT ELECTRODE	X-ERGON, DIV. OF NCH CORP.	9/5/2001	manganese	50		100.00	50
PALCO 450	PRECISION ALLOYS COMPANY	3/20/2007	manganese	10	7.00	13.00	1

Total % Usage: 2,898

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Category Type: manganese

The following chemicals are **processed** by your facility. A Form R should be completed for all chemicals with consumption levels exceeding **25000** pounds.

Tradename	Manufacturer	MSDS Date	Component	Total Usage	%Min	%Max	Usage	
HC FERROMANGANESE CHIPS	HICKMAN, WILLIAMS & COMPANY (2)	11/11/1997	ferromanganese	6,000		100.00	6,000	
FOUNDRY PIG IRON	PRIMETRADE, INC.	1/1/1985	manganese	516,740	0.50	1.00	5,167	
Total % Usage:								11,167

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Category Type: nickel

The following chemicals are **otherwise used** by your facility. A Form R should be completed for all chemicals with consumption levels exceeding **10000** pounds.

Tradename	Manufacturer	MSDS Date	Component	Total Usage	%Min	%Max	Usage
METAL-COR 6L WELDING WIRE	HOBART BROTHERS COMPANY	5/8/2008	nickel	14,400	0.00	4.00	576
HI-ALLOY 500 WELDING ELECTRODE	HI-ALLOY WELD SPECIALTIES	10/1/2004	nickel	20		15.00	3
HOBART BROTHERS 811N2 WELDING WIRE	ITW HOBART BROTHERS (1)	5/8/2008	nickel	3,498	0.00	4.00	140
PALCO 700	PRECISION ALLOYS COMPANY	5/1/1999	nickel	10	7.00	13.00	1
HI-IMPACT ELECTRODE	X-ERGON, DIV. OF NCH CORP.	9/5/2001	nickel	50		100.00	50
PALCO 450	PRECISION ALLOYS COMPANY	3/20/2007	nickel	10	1.00	5.00	1

Total % Usage: 771

Note: If both the minimum and maximum percentages are given, the percentage of mix for this component is listed on the MSDS as a range. The calculations above assume the maximum percentage, but it may be necessary to recalculate the YTD quantity used after verifying the actual percentage with the manufacturer.

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Category Type: selenium

The following chemicals are **otherwise used** by your facility. A Form R should be completed for all chemicals with consumption levels exceeding **10000** pounds.

Tradename	Manufacturer	MSDS Date	Component	Total Usage	%Min	%Max	Usage
LENOX STERLING LEAD-FREE SOLDER	LENOX(1)	10/1/2007	selenium	3	0.04	0.20	0

Total % Usage: 0

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Category Type: silver

The following chemicals are **otherwise used** by your facility. A Form R should be completed for all chemicals with consumption levels exceeding **10000** pounds.

Tradename	Manufacturer	MSDS Date	Component	Total Usage	%Min	%Max	Usage
ACID FLUX CORED SOLDER	KESTER SOLDER	10/15/1996	silver	2		100.00	2

Total % Usage: 2

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Category Type: zinc

The following chemicals are **otherwise used** by your facility. A Form R should be completed for all chemicals with consumption levels exceeding **10000** pounds.

Tradename	Manufacturer	MSDS Date	Component	Total Usage	%Min	%Max	Usage
PIG REPAIR PUTTY PTY 201,202,209,230	NEW PIG CORP.	7/16/1993	zinc sulfide	41	1.00	3.00	1
CHEVRON URSA HYDRAULIC OIL 10W	CHEVRON	5/29/2008	zinc alkyl dithiophosphate	1,632	1.00	5.00	82
MOBILGREASE XHP 222	EXXON MOBIL CORPORATION	7/27/2005	zinc dialkyl dithiophosphate	630	1.00	5.00	32
ACID FLUX CORED SOLDER	KESTER SOLDER	10/15/1996	zinc chloride	2		100.00	2
JETWELD LH-70, E7018	LINCOLN ELECTRIC CO.	2/1/1996	zinc and/or zinc oxides	1,800		0.50	9
MOBILITH SHC 100 GREASE	EXXON MOBIL CORPORATION	3/25/2009	zinc dialkyl dithiophosphate	1		2.50	0
MOBILITH SHC 100 GREASE	EXXON MOBIL CORPORATION	3/25/2009	zinc neodecanoate	1		0.01	0
CHEVRON MULTIFAK GREASE EP00, EP000	CHEVRON PRODUCTS COMPANY	2/14/2008	zinc dialkyldithiophosphate	525	0.10	5.00	26
CHEVRON MULTIFAK GREASE EP0, EP1, EP2	CHEVRON PRODUCTS COMPANY	2/18/2008	zinc dialkyldithiophosphate	1,190	0.10	5.00	60

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Category Type: zinc

The following chemicals are **otherwise used** by your facility. A Form R should be completed for all chemicals with consumption levels exceeding **10000** pounds.

Tradename	Manufacturer	MSDS Date	Component	Total Usage	%Min	%Max	Usage
OATEY #5 PASTE FLUX	OATEY CO.	5/1/2009	zinc chloride	2	10.00	30.00	1

Total % Usage: 212

Note: If both the minimum and maximum percentages are given, the percentage of mix for this component is listed on the MSDS as a range. The calculations above assume the maximum percentage, but it may be necessary to recalculate the YTD quantity used after verifying the actual percentage with the manufacturer.