

Thursday, June 02, 2011

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

Risk Management - Toxic Substances Candidates Listing

The following chemicals from your facility may require a risk management assessment for toxicity:

Component	Tradename	Manufacturer	MSDS Date	%Min	%Max	Rng	Threshold	Basis
acrylic polymer	ACRYLIC W/B WHITE 2408	SAFETY COATINGS, INC.	6/3/2005		13.00	N	15,000	d
acrylic polymer	ACRYLIC W/B WHITE 2408	SAFETY COATINGS, INC.	6/3/2005		13.00	N	20,000	a, b
ammonia	MICROENCAPSULATED STAINLESS STEEL CLNR	FRANKLIN CLEANING TECHNOLOGY	1/24/2007	0.00	1.00	Y	10,000	a, b
ammonia	MICROENCAPSULATED WOOD FURNITURE CLNR	FRANKLIN CLEANING TECHNOLOGY	1/24/2007	0.00	1.00	Y	10,000	a, b
ammonia	TOPCOAT FLASHING GRADE	TOPCOAT, INC.	1/4/1999	0.00	1.00	Y	10,000	a, b
ammonia	TOPCOAT MEMBRANE 1060-1	GAF MATERIALS CORPORATION	6/1/2003	0.00	1.00	Y	10,000	a, b
ammonia	HEAVY DENSITY PIPE INSULATION	OWENS-CORNING FIBERGLAS CORP.	2/11/2004	0.00	11.00	Y	10,000	a, b
ammonia	SPENT POTLINING	ALUMINUM CO. OF AMERICA	12/20/1994		98.00	Y	10,000	a, b
ammonia	DUG OR SCRAP POTLINING	SOUTHWIRE/NSA	1/1/1985		100.00	Y	10,000	a, b
ammonia	SPENT POTLINING	KAISER ALUMINUM CORP.	5/13/1985		100.00	Y	10,000	a, b
ammonium hydroxide	SUN UP GLASS CLEANER (RTU)	RAMSEY COMPANY / GRAINGER	1/1/2000	0.00	1.00	Y	20,000	a, b
ammonium hydroxide	AMMONIA	JAMES AUSTIN CO.	3/19/2003	2.50	4.00	Y	20,000	a, b
ammonium hydroxide	AMMONIA	JAMES AUSTIN CO.	12/4/1995	2.50	4.00	Y	20,000	a, b
ammonium hydroxide	WATER HARDNESS BUFFER WITH MAGNESIUM	LABCHEM, INC.	12/6/2000		16.00	N	20,000	a, b
ammonium hydroxide	WATER HARDNESS BUFFER WITH MG	BDH INC.	9/26/1997		16.00	N	20,000	a, b

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- e: toxicity of sulfur trioxide and sulfuric acid, potential to release sulfur trioxide, and history of accidents

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ammonium hydroxide	AMMONIUM HYDROXIDE, REAGENT ACS	ACROS ORGANICS N.V.	1/15/2001		28.00	N	20,000	a, b
ammonium hydroxide	HOUSEHOLD AMMONIA	CHURCH & DWIGHT CO., INC.	4/28/1998		100.00	Y	20,000	a, b
calcium flouride	ATOM ARC LOW HYDRROGEN WELD ELEC 4130	ESAB GROUP, INC. (1)	11/21/2005	5.00	10.00	Y	15,000	d
calcium flouride	ATOM ARC LOW HYDRROGEN WELD ELEC 4130	ESAB GROUP, INC. (1)	11/21/2005	5.00	10.00	Y	20,000	a, b
chlorine	CHLORINE	PENNWALT CORP.	10/11/1989		99.00	N	2,500	a, b
chlorine	CHLORINE	OLIN CHLOR ALKALI	5/10/1999	98.00	100.00	Y	2,500	a, b
chlorine	CHLORINE	OLIN CORP.	1/1/1999	98.00	100.00	Y	2,500	a, b
drier	PORTER GUARD IND ALUMINUM 293	PPG/PORTER PAINTS	8/10/2004	0.10	1.00	Y	15,000	d
drier	PORTER GUARD IND ALUMINUM 293	PPG/PORTER PAINTS	8/10/2004	0.10	1.00	Y	20,000	a, b
ethylene oxide	A-17 FABRIC TWISTED WOVEN ROVING	PYROTEK, INC.	6/12/2002	0.00	5.00	Y	10,000	a, b
ethylene oxide	MEAN GREEN	CHEMPRO, INC.	10/6/2005	0.00	97.00	Y	10,000	a, b
fluorine	PHOSPHOR BRONZE-C, 23	HARRIS-WELCO	1/5/1998		14.00	N	1,000	b
formaldehyde	215-15 BLAZE ORANGE ALKYD PAINT	DAY-GLO COLOR CORP.	2/4/2000		1.00	Y	15,000	b
formaldehyde	PLIOBOND 30	ASHLAND CHEMICAL CO.	11/5/1996	0.10	1.00	Y	15,000	b
formaldehyde	A-17 FABRIC TWISTED WOVEN ROVING	PYROTEK, INC.	6/12/2002	0.00	12.10	Y	15,000	b

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formaldehyde	PHENOLIC CANVAS SHEET	CURRENT, INC.	7/21/1998		100.00	Y	15,000	b
hydraulic oil additive	UNITRAC HYDRAULIC FLUID 1/5 GA	VALVOLINE, INC.	1/14/2002	1.10	11.00	Y	15,000	d
hydraulic oil additive	UNITRAC HYDRAULIC FLUID 1/5 GA	VALVOLINE, INC.	1/14/2002	1.10	11.00	Y	20,000	a, b
hydrochloric acid	DEMAND	ANALYTICAL PRODUCTS GROUP, INC.	5/19/2003	0.00	1.00	Y	5,000	a
hydrochloric acid	DEMAND	ANALYTICAL PRODUCTS GROUP, INC.	5/19/2003	0.00	1.00	Y	15,000	d
hydrochloric acid	FERROUS CHLORIDE SOLUTION	MIDLAND RESOURCES, INC.	1/14/1994	0.20	2.50	Y	15,000	d
hydrochloric acid	FERROUS CHLORIDE	KEMIRA WATER SOLUTIONS, INC.	10/1/2006	0.00	5.00	Y	5,000	a
hydrochloric acid	FERROUS CHLORIDE	KEMIRA WATER SOLUTIONS, INC.	10/1/2006	0.00	5.00	Y	15,000	d
hydrochloric acid	HYDROCHLORIC ACID	RICCA CHEMICAL CO.	6/20/2006		7.20	N	5,000	a
hydrochloric acid	HYDROCHLORIC ACID	RICCA CHEMICAL CO.	6/20/2006		7.20	N	15,000	d
hydrochloric acid	TOTAL IONIC STRENGTH ADJUSTMNT BUFFER IV	REAGENTS, INC.	9/28/1993		8.40	N	5,000	a
hydrochloric acid	TOTAL IONIC STRENGTH ADJUSTMNT BUFFER IV	REAGENTS, INC.	9/28/1993		8.40	N	15,000	d
hydrochloric acid	TISAB IV (TOTAL IONIC ADJ. BUFFER IV)	RICCA CHEMICAL CO.	6/17/2003	7.00	10.00	Y	5,000	a

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hydrochloric acid	TISAB IV (TOTAL IONIC ADJ. BUFFER IV)	RICCA CHEMICAL CO.	6/17/2003	7.00	10.00	Y	15,000	d
hydrochloric acid	BAFCO ZING TOILET BOWL CLEANER	BARRET-FISHER CO., INC.	1/19/1995		30.00	Y	5,000	a
hydrochloric acid	BAFCO ZING TOILET BOWL CLEANER	BARRET-FISHER CO., INC.	1/19/1995		30.00	Y	15,000	d
hydrochloric acid	KLEAN-STRIP MURIATIC ACID	W.M. BARR & CO., INC.	12/19/2005	9.00	36.00	Y	5,000	a
hydrochloric acid	KLEAN-STRIP MURIATIC ACID	W.M. BARR & CO., INC.	12/19/2005	9.00	36.00	Y	15,000	d
hydrochloric acid	NALCLEAN 8940 ACID CLEANER	NALCO CHEMICAL CO.	9/10/1996	20.00	40.00	Y	5,000	a
hydrochloric acid	NALCLEAN 8940 ACID CLEANER	NALCO CHEMICAL CO.	9/10/1996	20.00	40.00	Y	15,000	d
hydrochloric acid	HYDROCHLORIC ACID, GR	EM SCIENCE	10/29/2001		100.00	N	5,000	a
hydrochloric acid	HYDROCHLORIC ACID, GR	EM SCIENCE	10/29/2001		100.00	N	15,000	d
hydrofluoric acid	ACTI-BRITE	VIRGINIA KMP CORP.	9/27/1996		100.00	Y	1,000	a, b
hydrofluoric acid	NRP KLEEN BRITE	COMSTAR INTL. INC.	5/1/1997		100.00	Y	1,000	a, b
hydrogen chloride	HYDROCHLORIC ACID 32-38%	FISHER SCIENTIFIC	6/6/2006	36.00	38.00	Y	5,000	a
hydrogen fluoride	ARMATEX S/QFF SILICONE COATED TEXTILES	MID-MOUNTAIN	3/6/2007		1.00	Y	1,000	a, b
hydrogen fluoride	ELECTRICAL JOINT COMPOUND NO. 2	AFL TELECOMMUNICATIONS	5/6/2009		6.00	Y	1,000	a, b
hydrogen fluoride	ELECTRICAL JOINT COMPOUND NO. 2	AFL TELECOMMUNICATIONS	5/6/2009		6.00	Y	5,000	a

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hydrogen fluoride	ELECTRICAL JOINT COMPOUND NO. 2	ALUMINUM CO. OF AMERICA	6/4/1999		6.00	Y	1,000	a, b
hydrogen fluoride	HALL CELL BATH	ALCOA INC.	3/31/2009	0.00	100.00	Y	1,000	a, b
hydrogen sulfide	NON-FLAMMABLE GAS MIXTURE-50018	AIR LIQUIDE AMERICA CORP. (2)	8/31/2005	0.00	1.10	Y	10,000	a, b
mineral silicates	ATOM ARC LOW HYDRROGEN WELD ELEC 4130	ESAB GROUP, INC. (1)	11/21/2005	1.00	3.00	Y	15,000	d
mineral silicates	ATOM ARC LOW HYDRROGEN WELD ELEC 4130	ESAB GROUP, INC. (1)	11/21/2005	1.00	3.00	Y	20,000	a, b
nitric acid	BORON NITRIDE LUBRICOAT ZV	ZYP COATINGS, INC.	4/17/2008		1.00	N	15,000	b
nitric acid	SODIUM, 1000 UG/ML (0.10% W/V)	MALLINCKRODT BAKER, INC. (2)	8/2/2001	1.00	2.00	Y	15,000	b
nitric acid	QUALITY CONTROL STANDARD 19, QC-19	SPEX CHEMICAL	4/15/1996		5.00	Y	15,000	b
nitric acid	ARSENIC REFERENCE STD SOL, SA449100	FISHER SCIENTIFIC	3/4/1996		11.00	N	15,000	b
non hazardous components	PORTER GUARD DTM ACR GL SAFETY RED 2912	PPG/PORTER PAINTS	9/9/2004		100.00	N	15,000	d
non hazardous components	PORTER GUARD DTM ACR GL SAFETY RED 2912	PPG/PORTER PAINTS	9/9/2004		100.00	N	20,000	a, b
phosphine	SPENT POTLINING	ALUMINUM CO. OF AMERICA	12/20/1994		98.00	Y	5,000	b
polyether polyol	ECOSAFE FR-68	AMERICAN CHEMICAL TECHNOLOGIES, INC.(1)	12/15/2005	90.00	100.00	Y	15,000	d

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polyether polyol	ECOSAFE FR-68	AMERICAN CHEMICAL TECHNOLOGIES, INC.(1)	12/15/2005	90.00	100.00	Y	20,000	a, b
proprietary	BORON NITRIDE LUBRICOAT ZV	PYROTEK, INC.	6/19/2002	0.00	9.00	Y	15,000	d
proprietary	BORON NITRIDE LUBRICOAT ZV	PYROTEK, INC.	6/19/2002	0.00	9.00	Y	20,000	a, b
sulphur dioxide	COPPER/COPPER ALLOYS	MCHENRY BRASS INC.	1/2/2006		100.00	Y	5,000	a, b
toluene diisocyanate	BELZONA 2211(MP HI-BUILD ELASTOMER)BASE	BELZONA AMERICA, INC.	1/17/2005	0.10	1.00	Y	10,000	a
vinyl acetate	HI-HIDE EGG SHELL LIGHT BASE	PORTER PAINT CO.	8/17/1999		1.00	Y	15,000	b
vinyl acetate	HI-HIDE INTERIOR LATEX DEEP BASE 108	PORTER PAINT CO.	8/22/2002		1.00	Y	15,000	b
vinyl acetate	HI-HIDE SEMI GLOSS PAST 105	PORTER PAINT CO.	7/8/2005	0.00	1.00	Y	15,000	b
vinyl acetate	HI-HIDE WALL & TRIM PAINT PASTEL BASE	PORTER PAINT CO.	4/9/1999	0.00	1.00	Y	15,000	b
vinyl acetate monomer	PROTECTIVE COATING 67 X 944	RUBATEX CORPORATION	6/7/1993		1.00	Y	15,000	b

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