

**AMMONIA ANHYDROUS USES - MARCH 2010 (FARM and SIEF members proposals summary  
collected by the LR)**

PRODUCT	USES IN FREE TEXT	SECTOR OF USE (SU)	CHEMICAL PRODUCT CATEGORY (PC)	PROCESS CATEGORY (PROC)	ENVIROMENTAL RELEASE CATEGORY (ERC)	ARTICLE CATEGORY (AC)
Anhydrous Ammonia	Cooling system	SU21;SU;22:SU3;SU4; SU8;SU9; SU0-2 NACE code E29.23	PC0 UCN:A40200; PC16;PC19;PC29	PROC1;PROC2;PROC9; PROC 20	ERC7;ERC9A;	n.a.
Anhydrous Ammonia	HEAT Treatment	SU3	PC16	PROC 1	ERC7	N.A.
Anhydrous Ammonia	Manufacture of food products	SU4	PC19	PROC 1	ERC7	N.A.
Anhydrous Ammonia	Metal treatment	SU3;SU14;SU15; SU17	PC7; PC14; n.a.PC9A	PROC4; PROC 2; PROC13; PROC25; PROC 22 PROC25;	ERC5;ERC4	AC 3 AC7; AC1-1, AC1-2, AC2;
Anhydrous Ammonia	Neutralization agent	SU8	PC20	PROC 2; PROC1	ERC6B	N.A.
Anhydrous Ammonia	Substance used for reduction of nitrogen oxides (NOx)	SU23 NACE CODE: E-38-2; SU8 SU3	PC0 UCN: 005180	PROC 1; PROC2;PROC8B;PROC C3	ERC1; ERC6A; ERC6B; ERC7	N.A.
Anhydrous Ammonia	Transfer from one contener to another	SU1; SU3; SU10; SU22	PC12; PC19, n.a.	PROC 8b; PROC9	ERC2; N.A.	N.A.
Anhydrous Ammonia	Waste gas treatment in the sulphuric acid or sulphur synthesis or removal of SO2 from flue gases	SU23; SU3	PC0 UCN: 005180; PC20	PROC 2; PROC3	ERC4; ERC7	N.A.

<b>Anhydrous Ammonia</b>	Wood treatment	SU3	PC15	PROC 2	ERC5	AC 11
<b>Anhydrous Ammonia</b>	Synthesis of ammonia aqueous solution, nitric acid and ammonium nitrate, urea ammonium bicarbonat, ammonium chloride, melamine, sodium carbonat or other ammoniumsalts. Manufacture of Amins, industrial use as a synthon or solvent. (Intermediate for inorganic	SU8;SU9;SU3;SU10 ; SU1	PC12;PC19; PC29; n.a.; <b>PC40</b>	PROC1; PROC 2; PROC4;PROC8b; PROC3; PROC5 ; <b>PROC14</b>	ERC 1; ERC2; ERC 7; ERC6A; n.a.ERC4; <b>ERC6B</b>	N.A.
<b>Anhydrous Ammonia</b>	Water treatment	SU 0-2 NACE CODE: 36; <b>SU15</b>	PC37; <b>PC14</b>	PROC 3; <b>PROC 22</b>	ERC6B;	n.a.
<b>Anhydrous Ammonia</b>	LABORATORY	SU 0-2 NACE CODE: M74,9 SU3 SU16	PC21	PROC 3; PROC15; PROC4	<b>ERC8D; ERC8A</b>	n.a.
<b>Anhydrous Ammonia</b>	Incorporation into soil as fertilizer	SU1; SU21,SU22	PC12; PC22	PROC2; PROC9,PROC19; PROC11	ERC 8e; ERC9b	n.a.

Anhydrous Ammonia	Gelation of ceramic cases (investments) in investment foundry	SU3	PC19	PROC21	ERC4	N.A.
Anhydrous Ammonia	Anorganic fluorides synthesis	SU8;SU9	PC19	PROC 1; PROC 3	ERC 1; ERC6A	N.A.
Anhydrous Ammonia	Production of hydroxylamines sulphate as an intermediate for caprolactam production	SU8	PC19	PROC1	ERC 1; ERC6A	N.A.
Anhydrous Ammonia	Ammonium diuranate precipitation process	SU8	PC19	PROC5	ERC 1	N.A.
Anhydrous Ammonia	Preparation of tetraamminecopper(II) catalyst	SU8	PC19	PROC5	ERC6A	N.A.
Anhydrous Ammonia	Electronics industries	SU8/9, SU10, SU16;	PC15, PC21, PC33	PROC2, PROC8b,PROC13, PROC15; PROC1	ERC1, ERC2, ERC6b; ERC6a	n.a.
Anhydrous Ammonia	Use ammonia in photocopying machines	SU22	PC20	PROC8		n.a.
Anhydrous Ammonia	Using gas for treatment of plastics	SU12	PC15	PROC3	ERC4	n.a.
Anhydrous Ammonia	Use in treatment of textiles	SU5	PC35	PROC4	ERC4	n.a.

Anhydrous Ammonia	Use in microfiche, microfilm developing	SU7	PC30	PROC4	ERC4	n.a.
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