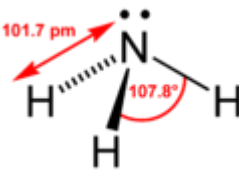



Substance Identification Profile

Substance name : ammonia anhydrous

EINECS / CAS no . : 231-635-3 / 7664-41-7

(updated on 19th July 2010)

SIEF REACH Registration substance sameness proposal **		
Date:	19/07/2010	
Type of substance	Composition	mono-constituent
	Origin	inorganic
Reference EC number (s)	231-635-3	
Other EC numbers considered to be the same substance		
EC name	Ammonium anhydrous	
CAS number (s)	7664-41-7	
CAS name	Anhydrous ammonia	
SMILES	[H]N([H])[H]	
Molecular formula	H3N	
Structural formula		
Molecular weight (or range)	17.031 g/mol	

Composition		
Purity (%)	Typical purity of a substance	≥ 99,75 %
	Lower content	≥ 99,20 %
	Higher content	99,99%
Impurities	There were no impurities indicated in value more than 0,1%w/w, although ANWIL S.A. as a Lead Registrant suggests to show and to determine water as an impurities in the section 1.2 and 1.4 in IUCLID in order to explain the differences between typical purity of a substance and 100%, <u>Composition: 99,75%w/w(purity of ammonia anh.) + 0,25% w/w (water)</u>	
Analytical methods	See the document below:  ammmonia_anh._ana lytical_methods_upda	