

## CHARCOAL ANIMAL

CA0350 Charcoal, animal, powder, EssentQ®



- C
- M = 12,01 g/mol
- CAS [8021-99-6]
- EINECS-No.: 232-421-2
- Solub. in water: (20 °C): insoluble
- ADR: 4.2 S2 III UN 1361
- IMDG: 4.2 III UN 1361
- IATA/ICAO: 4.2 III UN 1361
- GHS-signal word: Warning

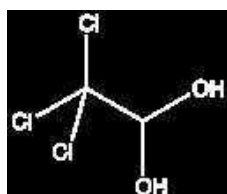
- GHS-H sentences: H252 - H315
- GHS-P sentences: P235 + P410 - P264 - P280 - P332 + P313 - P407 - P420
- Tariff number: 3802 10 00 20
- Applications: analytical chemistry, for decolourization of liquids, antidote, in explosive compositions.

acidity or alkalinity ..... passes test  
sulfides ..... passes test

ART. NO.	VOLUME	CONTAINER
CA0350005P	5 kg	
CA03500500	500 g	

## CHLORAL HYDRATE

CL0010 Chloral hydrate, EssentQ®



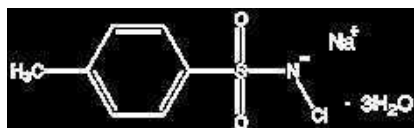
- Synonyms: Trichloroacetaldehyde hydrate
- $C_2H_3Cl_3O_2$
- M = 165,40 g/mol
- CAS [302-17-0]
- EINECS-No.: 206-117-5
- Solub. in water: (20 °C): soluble
- Melting point: 51,7 °C
- Boiling point: 96,3 °C
- Vapour pressure: (20 °C) 13 hPa
- LD 50 (oral, rat): 479 mg/kg
- EC-Index-No.: 605-014-00-6
- ADR: 6.1 T2 II UN 2811
- IMDG: 6.1 II UN 2811
- IATA/ICAO: 6.1 II UN 2811
- GHS-signal word: Danger
- GHS-H sentences: H301 - H315 - H319
- GHS-P sentences: P280 - P305 + P351 + P338 - P321 - P362 - P405 - P501a
- Tariff number: 2905 59 99 00
- Applications: analytical chemistry, synthesis of organic products, laboratory reagent.
- Appearance: White crystalline powder

assay (acidimetric) ..... 98,5 - 101 %  
identification ..... passes test  
acidity ..... passes test  
appearance of solution (10 %,  $H_2O$ ) ..... clear and colourless  
pH (10 %,  $H_2O$ ) ..... 3,5 - 5,5  
chlorides (Cl) ..... max. 0,01 %  
heavy metals (as Pb) ..... max. 0,002 %  
toluene ..... max. 0,089 %  
chloral alcoholate ..... passes test  
substances darkened by  $H_2SO_4$  ..... passes test  
residue on ignition ..... max. 0,1 %

ART. NO.	VOLUME	CONTAINER
CL00100500	500 g	
CL00101000	1 kg	

## CHLORAMINE T TRIHYDRATE

CL0020 Chloramine T trihydrate, ExpertQ®, for analysis, ACS



- Synonyms: N-Chloro-4-methylbenzenesulfonamide sodium salt, N-Chloro-p-toluenesulfonamide sodium salt, Tosylchloramide sodium, N-Chloro-4-toluenesulfonamide sodium salt
- $C_7H_7ClNNaO_3S \cdot 3H_2O$
- M = 281,69 g/mol
- CAS [7080-50-4]
- EINECS-No.: 204-854-7
- Solub. in water: (25 °C): 150 g/l
- Melting point: > 70 °C (decomposes)
- Flash pt. 192 °C
- LD 50 (oral, rat): ~ 1000 mg/kg
- EC-Index-No.: 616-010-00-9
- ADR: 8 C8 III UN 3263
- IMDG: 8 III UN 3263
- IATA/ICAO: 8 III UN 3263
- GHS-signal word: Danger
- GHS-H sentences: H334 - H314 - H302 - EUH031
- GHS-P sentences: P260 - P285 - P303 + P361 + P353 - P305 + P351 + P338 - P405 - P501a
- Tariff number: 2935 00 90 90
- Applications: analytical chemistry, synthesis of organic products, for the detection of: halogens and bromates.
- Appearance: White to off-white crystalline powder

assay (iodometric) ..... 99,0 - 103,0 %  
identity (IR-spectrum) ..... passes test  
appearance of solution ..... passes test  
insoluble in  $C_2H_5OH$  ..... max. 1,5 %  
pH (5 %,  $H_2O$ ) ..... 8,0 - 10,0  
suitability for determination  
of bromide (Br) ..... passes test

ART. NO.	VOLUME	CONTAINER
CL00200100	100 g	
CL00200250	250 g	
CL00201000	1 kg	