



102426 Chloramine T trihydrate

GR for analysis ACS,Reag. Ph Eur

For general questions please contact our
Customer Service:

Merck KGaA
Frankfurter Str. 250
64293 Darmstadt
Germany
Phone: +49 6151 72-0
Fax: +49 6151 72 2000

04 March 2011

Product number	Packaging	Size	Price
1024260250	Plastic bottle	250 g	price on request
1024261000	Plastic bottle	1 kg	price on request

Prices are subject to change without notice.

Product information


Grade	ACS,Reag. Ph Eur
Synonyms	Tosylchloramide sodium, N-Chloro-4-toluenesulfonamide sodium salt, Chlorine bleaching solution
Hill Formula	$C_7H_7ClNaNO_2S \cdot 3 H_2O$
Chemical formula	$CH_3C_6H_4SO_2NCINa \cdot 3 H_2O$
HS Code	2935 00 90
EC number	204-854-7
Molar mass	281.69 g/mol
Storage	Store at +2°C to +8°C.
EC index number	616-010-00-9
CAS number	7080-50-4

Chemical and physical data


Solubility	150 g/l (25 °C)
Molar mass	281.69 g/mol
Bulk density	540 - 680 kg/m ³
pH value	8 - 10 (50 g/l, H ₂ O, 20 °C)
Flash point	192 °C

Safety information according to GHS

Hazard Statement(s)	H302: Harmful if swallowed. H314: Causes severe skin burns and eye damage.
---------------------	---

	H334: May cause allergy or asthma symptoms or breathing difficulties if inhaled. EUH031: Contact with acids liberates toxic gas.
Precautionary Statement(s)	P280: Wear protective gloves/ protective clothing/ eye protection/ face protection. P301 + P330 + P331: IF SWALLOWED: rinse mouth. Do NOT induce vomiting. P305 + P351 + P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P304 + P341: IF INHALED: If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing.
Signal Word	Danger
Hazard Pictogram(s)	
Storage class	8 A Combustible substances, corrosive
WGK	WGK 2 water endangering
Disposal	22 Inorganic peroxides and oxidants as well as bromine and iodine should be rendered harmless by reduction with acidic sodium thiosulfate solution (Cat. No. 106513); container D or E. Slightly soluble oxidants should be collected separately in container E or I.

Safety information

R Phrase	R 22-31-34-42 Harmful if swallowed.Contact with acids liberates toxic gas.Causes burns.May cause sensitization by inhalation.
S Phrase	S 7-22-26-36/37/39-45 Keep container tightly closed.Do not breathe dust.In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.Wear suitable protective clothing, gloves and eye/face protection.In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).
Categories of danger	harmful, corrosive, sensitizing
Hazard Symbol	 Corrosive

Transport information

Declaration (railroad and road) ADR, RID	UN 3263 Ätzender basischer organischer fester Stoff, n.a.g.(N-CHLOR-4-TOLUOLSULFONSAEUREAMID NATRIUMSALZ), 8, III
Declaration (transport by sea) IMDG-Code	UN 3263 CORROSIVE SOLID, BASIC, ORGANIC, N.O.S.(N-CHLORO-4-TOLUENESULFONAMIDE SODIUM SALT), 8, III, Segregation Group: 18 (Alkalis)
Declaration (transport by air) IATA-DGR	UN 3263 CORROSIVE SOLID, BASIC, ORGANIC, N.O.S.(N-CHLORO-4-TOLUENESULFONAMIDE SODIUM SALT), 8, III

Toxicological data

LD 50 oral	LD50 rat 935 mg/kg
------------	--------------------

