

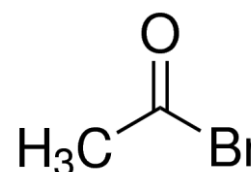


Product Specification

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ACETYL BROMIDE FOR SYNTHESIS

PRODUCT CODE	001705
SYNONYMS	N/A
C.I. NO.	N/A
CASR NO.	506-96-7
ATOMIC OR MOLECULAR FORMULA	C ₂ H ₃ BrO
ATOMIC OR MOLECULAR WEIGHT	122.95
PROPERTIES	Fuming liquid, turns yellow in air, toxic by ingestion and inhalation. Reacts violently with water or alcohol. Irritant to eyes and skin.



PARAMETER	LIMIT
Description	A clear colourless to pale yellow liquid.
Solubility	Add 6 ml (10 g) cautiously with stirring to 50 ml of water. the solution is clear and almost colourless.
Minimum assay (Acidimetric)	98.0%
Wt. per ml at 20°C	1.64-1.66 g
Refractive index (n) _D ²⁰	About 1.4500

MAXIMUM LIMIT OF IMPURITIES

Non – volatile matter	0.2%
Sulphate (SO ₄)	0.005%

Note(s) : Assay (if applicable) method mentioned.

DANGER

HAZARD STATEMENTS : May damage the unborn child. May be corrosive to metals. Causes severe skin burns and eye damage. Causes serious eye damage. Harmful to aquatic life.

PRECAUTIONARY STATEMENTS :

Prevention : Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Keep only in original container. Do not breathe dust/fume/gas/mist/vapours/spray.

Wash thoroughly after handling. Avoid release to the environment. Wear protective gloves/protective clothing/eye protection/face protection. Use personal protective equipment as required.

Response : IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower. IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. IF exposed or concerned: Get medical advice/ attention. Immediately call a POISON CENTER or doctor/physician. Wash contaminated clothing before reuse. Absorb spillage to prevent material damage.

Disposal : Acid halides should be neutralized by adding dropwise to an excess of methanol to convert them into corresponding methyl esters. Few drops of hydrochloric acid can be added to accelerate the reaction. Neutralize with 5% sodium hydroxide solution till pH is alkaline and run to waste with large volumes of running water. if original quantity is small. In case of comparatively large quantity, final solution may be stored in a container and disposed off.

IMDG Code : 8/II
UN No. : 1716
IATA : 8

Hazard pictogram(s) :



GHS08



GHS05