

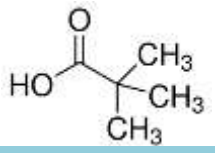
CDH

Product Specification

cdhfinechemical.com

PIVALIC ACID FOR SYNTHESIS

PRODUCT CODE	**192455**
SYNONYMS	**2,2-dimethylpropionic acid, trimethyl acetic acid**
C.I. NO.	**--**
CASR NO.	**(75-98-9)**
ATOMIC OR MOLECULAR FORMULA	**$C_5H_{10}O_2$**
ATOMIC OR MOLECULAR WEIGHT	**102.13**
PROPERTIES	**--**



PARAMETER	**LIMIT**
Description	White or colourless crystalline solid or colourless liquid.
Solubility	Soluble in alcohol, ether. Slightly soluble in water.
Minimum assay (GC,T)	97.0%
Wt. per ml at 20^0C	0.885-0.889 g
Boiling range	163-164^0C
Melting range	32-35^0C

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

WARNNING

HAZARD DANGER Harmful if swallowed. Causes skin irritation. Causes serious eye damage. May cause respiratory irritation.

PRECAUTIONARY STATEMENTS

Prevention: Avoid breathing dust/ fume/ gas/ mist/ vapours/ spray. Wash .thoroughly after handling. Do not eat, drink or smoke when using this product. Use only outdoors or in a well- ventilated area. Wear protective gloves/protective clothing/eye protection/face protection.

Response: IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell. IF ON SKIN: Wash with plenty of soap and water. IF INHALED: Remove victim 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. Immediately call a POISON CENTER or doctor/physician. Call a POISON CENTER or doctor/physician if you feel unwell. Rinse mouth. If skin irritation occurs: Get medical advice/attention. Take off contaminated clothing and wash before re- use.

IMDG Code : 8/II
UN No. : 3261
IATA : 8

Disposal : The chemical should be mixed with combustible solvent and burnt in a chemical incinerator equipped with burner and scrubber

Hazard Pictogram(s) :



GHS05 GHS07

Replace Date 03-Nov-2026