

Pyruvic acid

Method -

No information available

Autoignition Temperature

305 °C / 581 °F

9. Physical and chemical properties

Physical State	Liquid
Appearance	Amber
Odor	vinegar-like
Odor Threshold	No information available
pH	1.2 90 g/L (20°C)
Melting Point/Range	11.8 °C / 53.2 °F
Boiling Point/Range	165 °C / 329 °F @ 760 mmHg
Flash Point	82 °C / 179.6 °F
Evaporation Rate	No information available
Flammability (solid,gas)	Not applicable
Flammability or explosive limits	
Upper	No data available
Lower	No data available
Vapor Pressure	1.29 mmHg @ 25 °C
Vapor Density	No information available
Relative Density	1.250
Solubility	No information available
Partition coefficient; n-octanol/water	No data available
Autoignition Temperature	305 °C / 581 °F

Carcinogenicity	The table below indicates whether each agency has listed any ingredient as a carcinogen.					
Component	CAS-No	IARC	NTP	ACGIH	OSHA	Mexico
Propanoic acid, 2-oxo-	127-17-3	Not listed	Not listed	Not listed	Not listed	Not listed
Mutagenic Effects	No information available					
Reproductive Effects	No information available.					
Developmental Effects	No information available.					
Teratogenicity	No information available.					
STOT - single exposure	None known					
STOT - repeated exposure	None known					
Aspiration hazard	No information available					
Symptoms / effects, both acute and delayed	Product is a corrosive material. Use of gastric lavage or emesis is contraindicated. Possible perforation of stomach or esophagus should be investigated: Ingestion causes severe swelling, severe damage to the delicate tissue and danger of perforation: Symptoms of overexposure may be headache, dizziness, tiredness, nausea and vomiting					
Endocrine Disruptor Information	No information available					
Other Adverse Effects	The toxicological properties have not been fully investigated. See actual entry in RTECS for complete information.					

12. Ecological information

Ecotoxicity

Do not empty into drains.

Persistence and Degradability Bioaccumulation/ Accumulation

Soluble in water Persistence is unlikely based on information available.
No information available.

Mobility

Will likely be mobile in the environment due to its water solubility.

13. Disposal considerations

Waste Disposal Methods

Chemical waste generators must determine whether a discarded chemical is classified as a hazardous waste. Chemical waste generators must also consult local, regional, and national hazardous waste regulations to ensure complete and accurate classification.

14. Transport information

DOT

UN-No	UN3265
Hazard Class	8
Packing Group	III

TDG

UN-No	UN3265
Hazard Class	8
Packing Group	III

IATA

UN-No	3265
Proper Shipping Name	CORROSIVE LIQUID, ACIDIC, ORGANIC, N.O.S.*
Hazard Class	8
Packing Group	II

IMDG/IMO

UN-No	3265
Proper Shipping Name	CORROSIVE LIQUID, ACIDIC, ORGANIC, N.O.S.
Hazard Class	

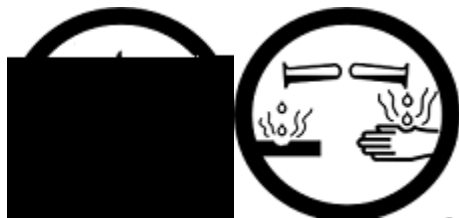
Pyruvic acid

Canada

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all the information required by the CPR

WHMIS Hazard Class

- B3 Combustible liquid
- E Corrosive material



16. Other information

Prepared By