

COMPLETE FULL COURSE STRAIGHTERLINE CHEM 101 - GENERAL CHEMISTRY

What is ΔS° for the following reaction?



Substance	$\text{SiCl}_4(\text{g})$	$\text{Mg}(\text{s})$	$\text{MgCl}_2(\text{s})$	$\text{Si}(\text{s})$
$S^\circ(\text{J/K} \cdot \text{mol})$	330.73	32.68	89.62	18.83

Select one:

- ☐ a. -254.96 J/K $\cdot$ mol
- ☒ b. -198.02 J/K $\cdot$ mol
- ☐ c. +198.02 J/K $\cdot$ mol
- ☐ d. +254.96 J/K $\cdot$ mol
- ☐ e. +471.86 J/K $\cdot$ mol

Question 2

Correct

4.60 points out of 4.60

Flag question

Question text

A spontaneous endothermic reaction always

Select one:

- ☒ a. causes the surroundings to get colder.
- ☐ b. bursts into flame.
- ☐ c. requires a spark to initiate it.

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Gunter



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Pkg Acp-Chem 101 Gillette,2002-09-01 **Pkg Acp-Chem 101** Metz,2002-07-01 **Pkg Acp-Gen Chem 101** Gillette,2002-06-01 *Pkg Acp-Chem 1 Labs/Cottey Col* Gunter,2002-06 *Pkg Acp-am Galveston-Chem 101* Gunter,2002-06-01 **Mathematical Modeling in Combustion and Related Topics** Claude-Michel Brauner,Claudine Schmidt-Lainé,2012-12-06 This volume contains invited lectures and contributed papers presented at the NATO Advanced Research Workshop on Mathematical Modeling in Combustion and related topics held in Lyon France April 27 30 1987 This conference was planned to fit in with the two month visit of Professor G S S Ludford to the Ecole Centrale de Lyon He kindly agreed to chair the Scientific and Organizing Committee and actively helped to initiate the meeting His death in December 1986 is an enormous loss to the scientific community in general and in particular to the people involved in the present enterprise The subject of mathematical modeling in combustion is too large for a single conference and the selection of topics reflects both areas of recent research activity and areas of interest to Professor G S S Ludford to whose memory the Advanced Workshop and this present volume are dedicated The meeting was divided into seven specialized sessions detonation theory mathematical analysis numerical treatment of combustion problems flame theory experimental and industrial aspects complex chemistry and turbulent combustion It brought together researchers and engineers from University and Industry see below the closing remarks of the workshop by Prof N Peters The articles in this volume have been judged and accepted on their scientific quality and language corrections may have been sacrificed in order to allow quick dissemination of knowledge to prevail **Microbial Ecotoxicology Advances to Improve Environmental and Human Health Under Global Change** Fabrice Martin-Laurent,Aurélie Cebon,Mechthild Schmitt-Jansen,Dimitrios Georgios Karpouzas,Soizic Morin,Carmen Palacios,2022-04-18 **Computerworld** ,1986-10-20 For more than 40 years Computerworld has been the leading source of technology news and information for IT influencers worldwide Computerworld s award winning Web site Computerworld com twice monthly publication focused conference series and custom research form the hub of the world s largest global IT media network Dust and Polluted Aerosols: Sources, Transport and Radiative Effects Zhiyuan Hu,Rui Mao,Chen Siyu,Xiao-Xiao Zhang,Zhenming Ji,Longlei Li,2023-04-10 *Chemical Week* ,2001 *Pkg Acp-Chemistry 131* Gillette,2002-07-01 Pkg Acp-Chemistry 105 Gillette,2002-09-01 **Pkg Acp-Chemistry 1151** Gillette,2002-09-01 Computerworld ,1979-11-12 For more than 40 years Computerworld has been the leading source of technology news and information for IT influencers worldwide Computerworld s award winning Web site Computerworld com twice monthly publication focused conference series and custom research form the hub of the world s largest global IT media network *Changes in Forest Ecosystem Nutrition* Friederike Lang,Roland Bol,Jaane Krüger,Sebastian Loeppmann,Klaus Kaiser,Stephan Hättenschwiler,2021-10-18 *Pkg Acp-Chem 540* Raney,2002-06-01 *Pkg Acp-Chemistry 107 Lab Man* GILLETTE,2002-07-01 *Pkg Acp Chem 221* Gillette,2002-09-01 Pkg

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