

FLAMAL™ 29 / C₃H₆



FLAMAL™ : Air Liquide high performance solution for all oxy-fuel applications

Air Liquide's Gas Encyclopedia - Pages: 583 - 590

Applications

Flame cutting, local heating, brazing and surface flaming

Transport information

Liquified Gases

Proper shipping name	Propylene
UN-Nr	1077
ADR/RID	Class 2
	Classification code 2 F



Safety Data Sheets

Liquefied gas : N° EIGA105-FML

Access: <https://be.airliquide.com/>

Liquefied gas : N° EIGA105-FML

Access: <http://www.airliquide-benelux.com/>

Physical information

Molecular weight	42,08 g/mol
Relative density:	
Relative density, gas	1.5 (air=1)
Relative density, liquid	0.6 (water=1)
Colour	Colorless
Odor	Nearly odorless
CAS number	115-07-1

Properties

Hazards identification: Extremely flammable gas. Contains gas under pressure; may explode

Flammability range: Flammable, combustible

Personal protection: Ensure adequate ventilation. Do not smoke while handling product. For full and more detailed information, please consult the Material Safety Data Sheet (MSDS).



Cylinder equipment

Valve fittings

Cylinder: B8 - W 21.8 x 1.814 left-hand male

Shoulder colour:

Red (RAL 3000)



Product Specifications

Global purity (% Vol. abs) C ₃ H ₆	Impurities (%)		Supply mode	Packaging size	Pressure	Capacity	Product reference
≥ 94 %	1,3-Butadiene	≤ 0,1 ppm mol	Cylinder	84L	8 bar	35 kg	I9025L84R0A001
	CnHm	4 - 6 % mol	Liquid				I9123RG

Disclaimer

L'AIR LIQUIDE S.A. and/or its affiliates ("AIR LIQUIDE") are not responsible for the use or consequences of use of the information contained in this Product sheet. AIR LIQUIDE does not hold itself out as recommending the use of the information contained herein or reliance thereon in any way, makes no warranties regarding the information contained in this document and assumes no liability or responsibility in connection with the information or suggestions contained herein. AIR LIQUIDE makes no representations or warranties regarding the completeness of this document and DISCLAIMS ALL WARRANTIES, EXPRESS OR IMPLIED INCLUDING, BUT NOT LIMITED TO, WARRANTY OF MERCHANTABILITY AND WARRANTY OF FITNESS FOR A PARTICULAR USE OR PURPOSE. The information contained in this product sheet is based on the technical information and experience currently available to AIR LIQUIDE. This document should not be confused with regulations (national or European), insurance requirements or codes. Moreover it should not be assumed that every acceptable local grade, test or safety procedure or method, precaution, equipment or device is contained herein, nor that abnormal or unusual circumstances may not warrant or suggest further requirements or additional procedures. It is up to users of this document to ensure that they have the latest edition. AIR LIQUIDE may, at its sole discretion, add, delete or change some or all of the information contained in this Product sheet. It is strictly forbidden to copy or reproduce some or all parts of this Product sheet without the written authorisation of AIR LIQUIDE. AIR LIQUIDE owns, reserves and retains all proprietary rights, including copyright, to the present Product sheet. This Product sheet and the photographs and images contained herein shall not be copied or reproduced in any way, sold, loaned, transferred or otherwise distributed to others, used for any purpose or in any manner detrimental to the interest of AIR LIQUIDE. The trademarks, service marks, trade names, logos or other indications of origin displayed in this Product sheet are registered and unregistered trademarks of AIR LIQUIDE or a third party from whom AIR LIQUIDE has obtained the right to use them in this Product sheet. Use of any copyright materials and/or trademarks is subject to the written approval of AIR LIQUIDE on a separate permission form.