

SAFETY SHEET

(D.M. nr. 46 28/01/92 - S.O.G.U. nr. 50 23/02/92)

Product:

MAXY GAS

Sheet 4832 v. 2

1 PRODUCT AND SUPPLIER IDENTIFICATION

Sheet No.	4832 v.2 , dated 19/07/07
Product	MAXY GAS – Mixture of hydrocarbons
Container	Can (can with threaded valve, conforms to EN 417)
Supplier Identification	OXYTURBO Srl Via Serio (Zona Industriale) Casella Postale 236 25015 Desenzano della Garda-BS-
Emergency Tel.N°	+39 0309911855

2 INGREDIENTS/CONTENTS INFORMATION

Substance/Preparation	Preparation
Ingredients	Mixture of saturated and unsaturated hydrocarbons
EEC N°	Not applicable to mixtures

3 HAZARD IDENTIFICATION

Hazard Identification	Highly flammable gas, liquefied When stored and used as directed, the product presents no hazard to users In the event of leaks, the liquid evaporates swiftly on leaving the container, producing an explosion hazard. The gas is heavier than air and spreads at ground level. It is invisible but generates mist in the presence of humid air. May form explosive mixture with air, particularly in closed spaces or inside empty containers if not thoroughly degassed. Rapid heating causes considerable increase in volume and pressure of product, with risk of bursting its container. In case of contact with the liquid, damage to skin or eyes can result from cold.
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4 FIRST AID MEASURES

Inhalation	In high concentrations may cause asphyxia. Symptoms may include loss of movement and/or consciousness Victims may not be aware of asphyxia In low concentrations may have a narcotic effect Symptoms may include dizziness, headache, nausea and loss of coordination. Remove victim to an uncontaminated area and fit self-contained breathing apparatus. Keep patient lying down at length and warm. Call a doctor. Give artificial respiration if breathing has stopped.
Contact with the skin or eyes	Wash immediately with water for at least 15 minutes
Swallowing	Unlikely form of exposure

5 FIRE PRECAUTIONS

Specific hazards	Exposure to flame or sources of heat may cause container to burst or explode
Hazardous combustion products	Incomplete combustion may generate carbon monoxide
Means of extinguishing Specific Methods	All known means of extinguishing may be used Cool the container with water from a safe position

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Special protective gear

Do not extinguish blazing gas unless absolutely necessary. Danger of explosive re-ignition.
Extinguish all flames in the vicinity
Use self-contained breathing apparatus and protective clothing

6 MEASURES IN CASE OF ACCIDENTAL SPILLAGE

General indications

The product is packaged in cans of small capacity.
Spillage/escape liable to cause emergency situations is unlikely except in the event of accidents

Personal precautions

Evacuate the area
Eliminate sources of ignition
Ensure sufficient ventilation
Use self-contained breathing apparatus to enter affected area, unless the air has been proven breathable

Environmental precautions

Try to stop leakage/escape
Prevent entry into drains, basements, excavations or other areas where hazardous build-up could occur

To remove product

Ventilate the area

7 HANDLING AND STORAGE

Handling and storage

Product in pressure can
Do not expose to direct sunshine or temperatures above 50°C
Store in a well ventilated area.
Keep well away from sources of ignition (including static discharge)
Avoid storing near to oxidising gases or any other oxidants
Use only purpose-made equipment suitable for the product, its pressure and temperature of use.
If in doubt, contact supplier

8 PERSONAL PROTECTION /EXPOSURE CONTROL

Personal protection

Ensure adequate ventilation
Do not smoke while handling product
Keep self-contained breathing apparatus nearby for use in emergency

9 PHYSICAL AND CHEMICAL PROPERTIES

Relative density, gas (air=1)

Heavier than air

Solubility in water (mg/l)

Not known, but considered to be very low

Appearance

Colourless gas

Phase of the substance

Mixture of gases, liquefied under pressure

Odour

Smell of garlic

Other data

Gas/vapour, heavier than air. May build up in enclosed spaces, particularly at ground level or underground

10 STABILITY AND REACTIVITY

Stability and reactivity

May form explosive mixture with air

Decomposition in fire

May react violently with oxidants

Stability

CO – CO₂

Stable product

11 TOXICOLOGICAL INFORMATION

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General No known toxic effect

12 ENVIRONMENTAL INFORMATION

General The product causes no environmental effects

13 CONSIDERATIONS ON DISPOSAL

General

The product does not require disposal.
Where product must be disposed of due to an emergency, the contents, which will gas naturally, may be burned with suitable precautions.
Do not discharge direct to the atmosphere
Do not discharge in areas where there is a risk of forming explosive air/product mixtures.
Do not discharge where hazardous build-up could occur.
Cans containing product should only be disposed of once totally emptied.
Do not puncture container, or burn even after use

14 INFORMATION FOR TRANSPORT

UN	Class	2.1
	Number	2037
ADR	Class	2
	Code	5° F - limited quantities
	IMDG/IMO	Class 2 Gas - limited quantities
	Label	2.1 Compressed flammable gases,
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Other transport information	Avoid transporting on vehicles where load space is not separate from cab. Ensure that driver is aware of the potential hazards of the load, and knows what to do in the event of an accident or emergency. Before setting off, ensure that load is well secured, adequately ventilated, and regulations in force are complied with.	

15 REGULATORY INFORMATION

Number in Annexe 1 to Directive 67/548	Not applicable to preparations
EEC Classification	F+; R12
Symbols	F+ Extremely flammable
Container labelling	Use symbols in European Agreement concerning the international Carriage of Dangerous Goods by Roads(ADR)
R Phrases	R12 Highly flammable
S Phrases	S9 Keep container in a well-ventilated place S16 Keep well away from flames and sparks - No smoking S33 Take precautionary measures against static discharges

16 OTHER INFORMATION

Ensure compliance with all national and regional regulations.
Ensure operator understands the hazards of flammability.
Contact with the liquid may cause freeze burning.
Asphyxiation hazard is often underestimated: ensure it is well stressed during operator training.
Before using this product in any new process or experiment, make a thorough study of the product's safety and compatibility with the materials
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