## SAFETY DATA SHEET



Based on Regulation (EC) No. 1907/2006 (REACH) Article 31 and Annex II

# 670001000, PUR 7

# 1. Identification of the substance/preparation and of the company/undertaking

## 1.1 Identification of the substance or preparation:

Product name: 670001000, PUR 7

### 1.2 Use of the substance/preparation:

polyurethane Insulant

## 1.3 Company/undertaking identification:

NOVATECH N.V. Industrielaan 5B B-2250 Olen Tel: +32 14 85 97 37 Fax: +32 14 85 97 38 info@novatech.be

## 1.4 Emergency telephone:

24h/24h:

+32 14 58 45 45 (BIG)

## 2. Hazards identification

## DSD/DPD

Extremely flammable

Limited evidence of a carcinogenic effect

May cause sensitisation by inhalation and skin contact

 $Harmful: danger\ of\ serious\ damage\ to\ health\ by\ prolonged\ exposure\ through\ inhalation$ 

## Other hazards

May be ignited by sparks

Gas/vapour spreads at floor level: ignition hazard

Aerosol may explode under the effect of heat

Moderately irritant to skin

Moderately irritant to respiratory organs

Moderately irritant for eyes

Literature reports: not readily degradable in water

## 3. Composition/information on ingredients

Name	CAS No EINECS/ELINCS	Conc.	Classification according to DSD/DPD	Classification according to CLP	Note
tris(2-chloro-1-methylethyl) phosphate	13674-84-5 237-158-7		1	Acute Tox. 4; H302 Aquatic Chronic 3; H412	(1)
propane	74-98-6 200-827-9	1% <conc<5%< td=""><td>  '</td><td>Flam. Gas 1; H220 Press. Gas - Liquefied gas; H 280</td><td>(1)(2)</td></conc<5%<>	'	Flam. Gas 1; H220 Press. Gas - Liquefied gas; H 280	(1)(2)
dimethyl ether		5% <conc< 10%</conc< 	1 '	Flam. Gas 1; H220 Press. Gas - Liquefied gas; H 280	(1)(2)

Created by: Brandweerinformatiecentrum voor Gevaarlijke Stoffen vzw (BIG)

Technische Schoolstraat 43 A, B-2440 Geel

http://www.big.be Reason for revision: REACH

Revision number: 0100 Product number: 43174 1/10

Edition date: 2006-04-04 Date of revision: 2011-03-08

87 - 282 - 16263 - GB

polymethylene polyphenyl isocyanate	9016-87-9	<20%	Carc. Cat. 3; R40	Carc. 2; H351	(1)(2)
			Xn; R20 - 48/20	Acute Tox. 4; H332	
			Xi; R36/37/38	STOT RE 2; H373	
			R42/43	Eye Irrit. 2; H319	
				STOT SE 3; H335	
				Skin Irrit. 2; H315	
				Resp. Sens. 1; H334	
				Skin Sens. 1; H317	

(1) For R-phrases and H-statements in full: see heading 16

(2) Substance with a Community workplace exposure limit

## 4. First aid measures

### 4.1 After inhalation:

Remove the victim into fresh air

Respiratory problems: consult a doctor/medical service

### 4.2 Skin contact:

Cured foam is hard to remove from skin

Scrape off using a pumice stone, nail file or sandpaper

Wash with water and soap

Frequent/long soakings/washings are needed to clean skin

Use vegetal oil or water to soak it off

Do not try to soak it off with solvents

If the foam is still uncured:

Do not rince with water

Wipe off with a cloth

Remove with acetone or PU cleaner

Wash with water and soap

Apply hand or skin care cream

Take victim to a doctor if irritation persists

### 4.3 Eye contact:

Rinse immediately with plenty of water

Do not apply neutralizing agents

Take victim to an ophthalmologist if irritation persists

#### 4.4 After ingestion:

Rinse mouth with water

Do not induce vomiting

Consult a doctor/medical service if you feel unwell

## 5. Fire-fighting measures

### 5.1 Suitable extinguishing media:

Polyvalent foam

BC powder

Carbon dioxide

Sand/earth

## 5.2 Unsuitable extinguishing media:

No water

## 5.3 Special exposure hazards:

May be ignited by sparks

Gas/vapour spreads at floor level: ignition hazard

Aerosol may explode under the effect of heat

On burning: release of toxic and corrosive gases/vapours (phosphorus oxides, nitrous vapours, hydrogen chloride, carbon monoxide - carbon dioxide)

Reacts with water (moisture): pressure build-up may cause closed container to burst

## 5.4 Instructions:

If exposed to fire cool the closed containers by spraying with water

Physical explosion risk: extinguish/cool from behind cover

Do not move the load if exposed to heat

After cooling: persistant risk of physical explosion

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Dilute toxic gases with water spray

## 5.5 Special protective equipment for fire-fighters:

Gloves

Protective goggles

Head/neck protection

Protective clothing

Heat/fire exposure: compressed air/oxygen apparatus

## 6. Accidental release measures

## 6.1 Personal precautions:

See heading 8.2

## 6.2 Environmental precautions:

Dam up the solid spill

See heading 13

## 6.3 Methods for cleaning up:

Allow spill to solidify

Carefully collect the spill/leftovers

Take collected spill to manufacturer/competent authority

Clean contaminated surfaces with an excess of water

Wash clothing and equipment after handling

## 7. Handling and storage

#### 7.1 Handling:

Use spark-/explosionproof appliances and lighting system

Keep away from naked flames/heat

Keep away from ignition sources/sparks

Observe very strict hygiene - avoid contact

## 7.2 Storage:

## Safe storage requirements:

Store in a cool area

Store in a dry area

Keep out of direct sunlight

Ventilation at floor level

Fireproof storeroom

Meet the legal requirements

Storage temperature: <50 °C

## Keep away from:

(strong) acids

(strong) bases

amines

alcohols

water/moisture

oxidizing agents

combustible materials

### Suitable packaging material:

aerosol

### 7.3 Specific use(s):

See information supplied by the manufacturer for the identified use(s)

## 8. Exposure controls/Personal protection

## 8.1 Exposure limit values:

8.1.1 Occupational exposure:

If limit values are applicable and available these will be listed below.

### Regulatory exposure limit (The Netherlands)

Dimethylether	Short time value	790 ppm
		1500 mg/m³

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				<b>R7</b>

Dimethylether			Time-weighted average exposure limit		500 ppm 950 mg/m³	
dicative exposure lim	nit EU (Directives 2009/1	.9/EU, 2006/15/E	EC, 2000/3	<u> </u>		L
Dimethylether				1		
Dimetnylether				Short time v	raiue	- ppm - mg/m <sup>3</sup>
					ted average nit	1000 ppm 1920 mg/m³
mit Value (Belgium)						
Dimethylether				Short time value		- ppm
						- mg/m³
				Time-weighted average exposure limit		1000 ppm 1920 mg/m³
Alifatische koolwa	aterstoffen in gasvorm: a	lkanen (C1-C4)		Short time v	<i>r</i> alue	- ppm - mg/m³
				Time-weigh	ted average	1000 ppm
				exposure lir		- mg/m³
LV (USA)						
Aliphatic hydroca	rbon gases - Alkane(C1-C	4)		Short time v	/alue	- ppm
				Time-weigh exposure lir	ted average nit	1000 ppm
RGS 900 (Germany)						
Dimethylether				Time-weighted average		1000 ppm
,				exposure limit		1900 mg/m³
Propan	Propan			Time-weighted average exposure limit		1000 ppm 1800 mg/m³
mit Value (France)				!		
Oxyde de diméthy	do			Short time v	value	nnm
Oxyde de dimethy	ле			Short time v	raiue	- ppm - mg/m³
			Time-weigh		1000 ppm	
				exposure lir	THE	1920 mg/m³
mit Value (UK)				exposure lir	nit	1920 mg/m³
mit Value (UK)	s -NCO)			Short time v		-(-NCO) ppm
	s -NCO)					
	s -NCO)			Short time v	value ted average	-(-NCO) ppm 0.07(-NCO) mg/m³ -(-NCO) ppm
Isocyanates, all (a	s -NCO)			Short time v Time-weigh exposure lir	value ted average mit	-(-NCO) ppm 0.07(-NCO) mg/m <sup>3</sup> -(-NCO) ppm 0.02(-NCO) mg/m <sup>3</sup>
	s -NCO)			Short time v	value ted average mit	-(-NCO) ppm 0.07(-NCO) mg/m³ -(-NCO) ppm
Isocyanates, all (a	s -NCO)			Short time v	value ted average nit value ted average	-(-NCO) ppm 0.07(-NCO) mg/m³ -(-NCO) ppm 0.02(-NCO) mg/m³ 500 ppm
Isocyanates, all (a	s -NCO)			Short time very street time very sure line. Short time very street time very street time.	value ted average nit value ted average	-(-NCO) ppm 0.07(-NCO) mg/m³ -(-NCO) ppm 0.02(-NCO) mg/m³ 500 ppm 958 mg/m³ 400 ppm
Isocyanates, all (a	s -NCO)			Short time value of the control of t	value ted average nit value ted average	-(-NCO) ppm 0.07(-NCO) mg/m³ -(-NCO) ppm 0.02(-NCO) mg/m³ 500 ppm 958 mg/m³ 400 ppm 766 mg/m³
Dimethyl ether  mit Value (Spain)				Short time veright exposure lir Short time veright exposure lir Time-weight exposure lir	value  ted average mit value  ted average mit  ted average mit	-(-NCO) ppm 0.07(-NCO) mg/m³ -(-NCO) ppm 0.02(-NCO) mg/m³ 500 ppm 958 mg/m³ 400 ppm 766 mg/m³
Dimethyl ether  mit Value (Spain)	s -NCO) fáticos alcanos (C1 - C4) y	/ sus mezclas, gas	ses	Short time veright exposure lir Short time veright exposure lir Time-weight exposure lir	value  ted average mit value  ted average mit  ted average mit ted average mit ted average	-(-NCO) ppm 0.07(-NCO) mg/m³ -(-NCO) ppm 0.02(-NCO) mg/m³ 500 ppm 958 mg/m³ 400 ppm 766 mg/m³
Dimethyl ether  mit Value (Spain)		, sus mezclas, gas	ses	Short time value of the control of t	value  ted average mit  value  ted average mit  ted average mit  ted average mit  ted average mit  ted average	-(-NCO) ppm 0.07(-NCO) mg/m³ -(-NCO) ppm 0.02(-NCO) mg/m³ 500 ppm 958 mg/m³ 400 ppm 766 mg/m³
Isocyanates, all (as Dimethyl ether  mit Value (Spain)  Dimetiléter  Hidrocarburos alif  Propano  1.2 Sampling method	fáticos alcanos (C1 - C4) y	/ sus mezclas, gas	ses	Time-weigh exposure lir Time-weigh exposure lir Time-weigh exposure lir Time-weigh exposure lir	value  ted average mit  value  ted average mit  ted average mit  ted average mit  ted average mit  ted average	-(-NCO) ppm 0.07(-NCO) mg/m³  -(-NCO) ppm 0.02(-NCO) mg/m³  500 ppm 958 mg/m³  400 ppm 766 mg/m³  1000 ppm 1920 mg/m³  1000 ppm
Isocyanates, all (as Dimethyl ether  mit Value (Spain)  Dimetiléter  Hidrocarburos alif  Propano  1.2 Sampling method.  Product name	fáticos alcanos (C1 - C4) y	Test	Number	Short time of time-weigh exposure ling time-we	value  ted average mit value  ted average mit  ted average mit ted average mit ted average mit ted average mit mpling method	-(-NCO) ppm 0.07(-NCO) mg/m³  -(-NCO) ppm 0.02(-NCO) mg/m³  500 ppm 958 mg/m³  400 ppm 766 mg/m³  1000 ppm 1920 mg/m³  1000 ppm
Isocyanates, all (as Dimethyl ether  mit Value (Spain)  Dimetiléter  Hidrocarburos alif  Propano  1.2 Sampling method.  Product name Isocyanates	fáticos alcanos (C1 - C4) y	Test NIOSH	Number 5522	Short time variations of the control	value  ted average mit value  ted average mit  mpling method et chemical	-(-NCO) ppm 0.07(-NCO) mg/m³  -(-NCO) ppm 0.02(-NCO) mg/m³  500 ppm 958 mg/m³  400 ppm 766 mg/m³  1000 ppm 1920 mg/m³  1000 ppm
Isocyanates, all (as Dimethyl ether  mit Value (Spain)  Dimetiléter  Hidrocarburos alif  Propano  1.2 Sampling method  Product name  Isocyanates  Isocyanates	fáticos alcanos (C1 - C4) y	Test NIOSH NIOSH	Number 5522 5521	Short time variations of the control	value  ted average mit value  ted average mit  ted average mit ted average mit ted average mit ted average mit mpling method	-(-NCO) ppm 0.07(-NCO) mg/m³  -(-NCO) ppm 0.02(-NCO) mg/m³  500 ppm 958 mg/m³  400 ppm 766 mg/m³  1000 ppm 1920 mg/m³  1000 ppm
Isocyanates, all (as Dimethyl ether  mit Value (Spain)  Dimetiléter  Hidrocarburos alif  Propano  1.2 Sampling method.  Product name Isocyanates	fáticos alcanos (C1 - C4) y	Test NIOSH	Number 5522	Short time variations of the control	value  ted average mit value  ted average mit  mpling method et chemical	-(-NCO) ppm 0.07(-NCO) mg/m³  -(-NCO) ppm 0.02(-NCO) mg/m³  500 ppm 958 mg/m³  400 ppm 766 mg/m³  1000 ppm 1920 mg/m³  1000 ppm

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### 8.2 Exposure controls:

8.2.1 Occupational exposure controls:

Measure the concentration in the air regularly

Personal protective equipment:

a) Respiratory protection:

Wear gas mask with filter type A if conc. in air > exposure limit

b) Hand protection:

Gloves

- nitrile rubber

c) Eye protection:

Protective goggles

d) Skin protection:

Head/neck protection

Protective clothing

8.2.2 Environmental exposure controls:

See headings 6.2, 6.3 and 13

## 9. Physical and chemical properties

### 9.1 General information:

Physical form	Aerosol
Odour	Mild odour
	Ether-like odour
Colour	Beige

## 9.2 Important health, safety and environmental information:

Relative density	1.1
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## 9.3 Other information:

Auto-ignition temperature	328 °C	
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## 10. Stability and reactivity

## 10.1 Conditions to avoid:

### Possible fire hazard

heat sources

ignition sources

## Stability

Unstable on exposure to heat

Unstable on exposure to moisture

#### Reactions

Reacts with many compounds e.g.: with (some) acids/bases, amines, alcohols and with (strong) oxidizers

### 10.2 Materials to avoid:

(strong) acids

(strong) bases

amines

alcohols

water/moisture

oxidizing agents

combustible materials

## 10.3 Hazardous decomposition products:

On burning: release of toxic and corrosive gases/vapours (phosphorus oxides, nitrous vapours, hydrogen chloride, carbon monoxide - carbon dioxide)

Reacts with water (moisture): pressure build-up may cause closed container to burst

## 11. Toxicological information

## 11.1 Acute toxicity:

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#### propane 513 mg/l/4h LC50 inhalation (rat) dimethyl ether 309 mg/l/4h LC50 inhalation (rat) polymethylene polyphenyl isocyanate LD50 oral (rat) > 10000 mg/kg LD50 dermal (rabbit) > 5000 mg/kg tris(2-chloro-1-methylethyl) phosphate LD50 oral (rat) 1150 - 1750 mg/kg LD50 dermal (rat) > 2000 mg/kg LD50 dermal (rabbit) > 2000 mg/kg LC50 inhalation (rat) > 5 mg/l/4h

### 11.2 Chronic toxicity:

Prolonged exposure: danger of damage to health through inhalation

No certainty about human carcinogenic properties

Not listed in mutagenicity class (EC,MAK)

Contains a substance of group C (MAK-Schwangerschaftsgruppe)

propane

MAK - Schwangerschaft Gruppe	D	
nethyl ether		
MAK - Schwangerschaft Gruppe	D	
lymethylene polyphenyl isocyanate		
EC carc cat	3	
IARC - classification	3	
MAK - Krebserzeugend Kategorie	4	
MAK - Schwangerschaft Gruppe	c	

## 11.3 Acute effects/symptoms:

EC carc cat

## Inhalation:

EXPOSURE TO HIGH CONCENTRATIONS:

Dry/sore throat

Coughing

Irritation of the respiratory tract

Irritation of the nasal mucous membranes

Runny nose

Possible inflammation of the respiratory tract

FOLLOWING SYMPTOMS MAY APPEAR LATER:

Risk of lung oedema

Respiratory difficulties

Risk of pneumonia

## Skin contact:

Tingling/irritation of the skin

## Eye contact:

Irritation of the eye tissue

#### Ingestion:

No data available

#### 11.4 Chronic effects:

ON CONTINUOUS/REPEATED EXPOSURE/CONTACT:

Feeling of weakness

Itching

Skin rash/inflammation

May stain the skin

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Respiratory difficulties

## 12. Ecological information

## 12.1 Ecotoxicity:

propane

LC50 fishes

species	value	duration (h)	remarks
PISCES	> 1000 mg/l	96 h	

dimethyl ether

LC50 fishes

species	value	duration (h)	remarks
PISCES	>1000 mg/l	96 h	

polymethylene polyphenyl isocyanate

LC50 fishes

species	value	duration (h)	remarks
PISCES	>1000 mg/l	96 h	

tris(2-chloro-1-methylethyl) phosphate

LC50 fishes

species	value	duration (h)	remarks
BRACHYDANIO RERIO	56.2 mg/l	96 h	

EC50 Daphnia

species	value	duration (h)	remarks
DAPHNIA MAGNA	65 - 335 mg/l	48 h	

EC50 other aquatic organisms

species	value	duration (h)	remarks
SCENEDESMUS SUBSPICATUS	45 mg/l	72 h	

## 12.2 Mobility:

Volatile organic compounds (VOC)

Ground water

>= 11 %

Ground water pollutant

## 12.3 Persistence and degradability:

Literature reports: not readily degradable in water

### 12.4 Bioaccumulative potential:

No bioaccumulation data available

#### 12.5 Results of PBT assessment:

Not applicable, based on available data

#### 12.6 Other adverse effects:

Not dangerous for the ozone layer (1999/45/EC)

## 13. Disposal considerations

## 13.1 Provisions relating to waste:

Waste material code (Directive 2008/98/EC, decision 2001/118/EC)

 $08\,04\,09^*$ : waste adhesives and sealants containing organic solvents or other dangerous substances Depending on branch of industry and production process, also other EURAL codes may be applicable Hazardous waste according to Directive 2008/98/EC

## 13.2 Disposal methods:

Specific treatment

Dispose of small quantities of cured product as household waste

Remove waste in accordance with local and/or national regulations

Do not discharge into surface water

Avoid any discharge of the product into waste water

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## 13.3 Packaging/Container:

Waste material code packaging (Directive 2008/98/EC)

15 01  $10^*$ : packaging containing residues of or contaminated by dangerous substances

# 14. Transport information

## ADR

Proper shipping name	Aerosols
UN number	1950
Class	2
Packing group	
Hazard identification number	
Classification code	5F
Labels	2.1
Environmentally hazardous substance mark	no

## RID

Proper shipping name	Aerosols
UN number	1950
Class	2
Packing group	
Classification code	5F
Labels	2.1
Environmentally hazardous substance mark	no

### ADN

Proper shipping name	Aerosols
UN number	1950
Class	2
Packing group	
Classification code	5F
Labels	2.1
Environmentally hazardous substance mark	no

## IMO

Proper shipping name	Aerosols
UN number	1950
Class	2.1
Packing group	-
Labels	2.1
Marine pollutant	
Environmentally hazardous substance mark	no

## ICAO

Proper shipping name	Aerosols
UN number	1950
Class	2.1
Packing group	
Labels	2.1
Environmentally hazardous substance mark	no

# 15. Regulatory information

## 15.1 EU Legislation:

## DSD/DPD

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Classification according to directives 67/548/EEC and 1999/45/EC





Extremely flammable

Contains: polymethylene polyphenyl isocyanate

## **R-phrases**

12	Extremely flammable
40	Limited evidence of a carcinogenic effect
42/43	May cause sensitisation by inhalation and skin contact
48/20	Harmful: danger of serious damage to health by prolonged exposure through inhalation

#### S-phrases

23	Do not breathe spray
36/37	Wear suitable protective clothing and gloves
45	In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible)
51	Use only in well-ventilated areas
(63)	(In case of accident by inhalation: remove casualty to fresh air and keep at rest)

#### Additional recommendations

Keep away from sources of ignition - No smoking.
Keep out of the reach of children.
Pressurized container. Protect from sunlight and do not expose to temperatures exceeding 50°C.
Do not pierce or burn, even after use.
Do not spray on a naked flame or any incandescent material.
Contains isocyanates. See information supplied by the manufacturer.
<ul> <li>Persons already sensitised to diisocyanates may develop allergic reactions when using this product.</li> <li>Persons suffering from asthma, eczema or skin problems should avoid contact, including dermal contact, with this product.</li> <li>This product should not be used under conditions of poor ventilation unless a protective mask with an appropriate gas filter (i.e. type A1 according to standard EN 14387) is used.</li> </ul>

## 15.2 National provisions:

## The Netherlands

Waterbezwaarlijkheid (for NL) No data available

Waste identification other lists of waste

materials

LWCA (the Netherlands): KGA category 06

Germany

propane: TA-Luft Klasse 5.2.5 TA-Luft

dimethyl ether: TA-Luft Klasse 5.2.5

WGK

Classification non-water polluting based on the components in compliance with Verwaltungsvorschrift wassergefährdender Stoffe (VwVwS) of 27 July 2005 (Anhang 4)

15.3 Specific community rules:

**REACH Annex XVII - Restriction** Contains component(s) included in Annex XVII of Regulation (EC) No. 1907/2006:

restrictions on the manufacture, placing on the market and use of certain dangerous

substances, mixtures and articles

## 16. Other information

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The information in this safety data sheet is based on data and samples provided to BIG. The sheet was written to the best of our ability and according to the state of knowledge at that time. The safety data sheet only constitutes a guideline for the safe handling, use, consumption, storage, transport and disposal of the substances/preparations/mixtures mentioned under point 1. New safety data sheets are written from time to time. Only the most recent versions may be used. Old versions must be destroyed. Unless indicated otherwise word for word on the safety data sheet, the information does not apply to substances/preparations/mixtures in purer form, mixed with other substances or in processes. The safety data sheet offers no quality specification for the substances/preparations/mixtures in question.

Compliance with the instructions in this safety data sheet does not release the user from the obligation to take all measures dictated by common sense, regulations and recommendations or which are necessary and/or useful based on the real applicable circumstances. BIG does not guarantee the accuracy or exhaustiveness of the information provided. Use of this safety data sheet is subject to the licence and liability limiting conditions as stated in your BIG licence agreement. All intellectual property rights to this sheet are the property of BIG and its distribution and reproduction are limited. Consult your BIG licence agreement for details.

#### (\*) = INTERNAL CLASSIFICATION (NFPA)

PBT-substances = persistent, bioaccumulative and toxic substances

DSD Dangerous Substance Directive
DPD Dangerous Preparation Directive

CLP (EU-GHS) Classification, labelling and packaging (Globally Harmonised System in Europe)

Full text of any R-phrases referred to under headings 2 and 3:

R12	Extremely flammable
R20	Harmful by inhalation
R22	Harmful if swallowed
R36/37/38	Irritating to eyes, respiratory system and skin
R40	Limited evidence of a carcinogenic effect
R42/43	May cause sensitisation by inhalation and skin contact
R48/20	Harmful: danger of serious damage to health by prolonged exposure through inhalation
R52/53	Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment

Full text of any H-statements referred to under headings 2 and 3:

H220	Extremely flammable gas.
H280	Contains gas under pressure; may explode if heated.
H302	Harmful if swallowed.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H319	Causes serious eye irritation.
H332	Harmful if inhaled.
H334	May cause allergy or asthma symptoms or breathing difficulties if inhaled.
H335	May cause respiratory irritation.
H351	Suspected of causing cancer.
H373	May cause damage to organs through prolonged or repeated exposure.
H412	Harmful to aquatic life with long lasting effects.

Full text of any classes referred to under headings 2 and 3:

	La caración de la car
Acute Tox.	Acute toxicity
Aquatic Chronic	Hazardous to the aquatic environment - chronic
Carc.	Carcinogenicity
Eye Irrit.	Eye irritation
Flam. Gas	Flammable gas
Press. Gas	Gases under pressure
Resp. Sens.	Respiratory sensitization
Skin Irrit.	Skin irritation
Skin Sens.	Skin sensitization
STOT RE	Specific target organ toxicity - repeated exposure
STOT SE	Specific target organ toxicity - single exposure

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