according to Regulation (EC) No. 1907/2006 (REACH), amended by 2020/878/EU



Palladium(II) oxide ROTI®METIC 99,995 % (4N5)

article number: **5393**Version: **3.0 en**date of compilation: 2016-10-28
Revision: 2024-03-02

Replaces version of: 2022-02-09

Version: (2)

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier

Identification of the substance Palladium(II) oxide ROTI®METIC 99,995 % (4N5)

Article number 5393

Registration number (REACH)

It is not required to list the identified uses be-

cause the substance is not subject to registration

according to REACH (< 1 t/a).

EC number 215-218-3 CAS number 1314-08-5

1.2 Relevant identified uses of the substance or mixture and uses advised against

Relevant identified uses: Laboratory chemical

Laboratory and analytical use

Uses advised against: Do not use for private purposes (household).

Food, drink and animal feedingstuffs.

1.3 Details of the supplier of the safety data sheet

Carl Roth GmbH + Co. KG Schoemperlenstr. 3-5 D-76185 Karlsruhe

Germany

Telephone:+49 (0) 721 - 56 06 0 **Telefax:** +49 (0) 721 - 56 06 149 **e-mail:** sicherheit@carlroth.de **Website:** www.carlroth.de

Competent person responsible for the safety data Department Health, Safety and Environment

sheet:

e-mail (competent person): sicherheit@carlroth.de

1.4 Emergency telephone number

Name	Street	Postal code/city	Telephone	Website
National Poisons Information Centre Beaumont Hospital	Beaumont Road	Dublin 9	+353 1 809 2166	https:// www.poisons.ie/

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008 (CLP)

Section	Hazard class	Cat- egory	Hazard class and category	Hazard statement
2.14	Oxidising solid	1	Ox. Sol. 1	H271

For full text of abbreviations: see SECTION 16

Ireland (en) Page 1 / 15

according to Regulation (EC) No. 1907/2006 (REACH), amended by 2020/878/EU



Palladium(II) oxide ROTI®METIC 99,995 % (4N5)

article number: 5393

2.2 Label elements

Labelling according to Regulation (EC) No 1272/2008 (CLP)

Signal word Danger

Pictograms

GHS03



Hazard statements

H271 May cause fire or explosion; strong oxidiser

Precautionary statements

Precautionary statements - prevention

P210 Keep away from heat, sparks, open flames, hot surfaces. No smoking

P220 Keep/store away from clothing/combustible materials

P280 Wear protective gloves/protective clothing/eye protection/face protection

Precautionary statements - response

P306+P360 IF ON CLOTHING: rinse immediately contaminated clothing and skin with plenty

of water before removing clothes

Labelling of packages where the contents do not exceed 125 ml

Signal word: Danger

Symbol(s)



H271 May cause fire or explosion; strong oxidiser.

P210 Keep away from heat, sparks, open flames, hot surfaces. No smoking.

P220 Keep/store away from clothing/combustible materials.

P280 Wear protective gloves/protective clothing/eye protection/face protection.

P306+P360 IF ON CLOTHING: rinse immediately contaminated clothing and skin with plenty of water before removing

clothes.

2.3 Other hazards

Results of PBT and vPvB assessment

According to the results of its assessment, this substance is not a PBT or a vPvB.

Endocrine disrupting properties

Does not contain an endocrine disruptor (ED) at a concentration of $\geq 0.1\%$.

Ireland (en) Page 2 / 15

according to Regulation (EC) No. 1907/2006 (REACH), amended by 2020/878/EU



Palladium(II) oxide ROTI®METIC 99,995 % (4N5)

article number: 5393

SECTION 3: Composition/information on ingredients

3.1 Substances

Name of substance Palladium(II) oxide

Molecular formula OPd

Molar mass 122,4 g/_{mol}
CAS No 1314-08-5
EC No 215-218-3

SECTION 4: First aid measures

4.1 Description of first aid measures



General notes

Take off contaminated clothing.

Following inhalation

Provide fresh air.

Following skin contact

Rinse skin with water/shower.

Following eye contact

Rinse cautiously with water for several minutes.

Following ingestion

Rinse mouth. Call a doctor if you feel unwell.

4.2 Most important symptoms and effects, both acute and delayed

Symptoms and effects are not known to date.

4.3 Indication of any immediate medical attention and special treatment needed

none

SECTION 5: Firefighting measures

5.1 Extinguishing media



Suitable extinguishing media

co-ordinate firefighting measures to the fire surroundings! water, foam, dry extinguishing powder, ABC-powder

Unsuitable extinguishing media

water jet

Ireland (en) Page 3 / 15

according to Regulation (EC) No. 1907/2006 (REACH), amended by 2020/878/EU



Palladium(II) oxide ROTI®METIC 99,995 % (4N5)

article number: 5393

5.2 Special hazards arising from the substance or mixture

Explosive when mixed with combustible material. Oxidising property. Non-combustible.

5.3 Advice for firefighters

In case of fire and/or explosion do not breathe fumes. Fight fire with normal precautions from a reasonable distance. Wear self-contained breathing apparatus.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures



For non-emergency personnel

Avoid contact with skin, eyes and clothes. Do not breathe dust.

6.2 Environmental precautions

Keep away from drains, surface and ground water. Retain contaminated washing water and dispose of it.

6.3 Methods and material for containment and cleaning up

Advice on how to contain a spill

Covering of drains. Take up mechanically.

Advice on how to clean up a spill

Take up mechanically. Control of dust.

Other information relating to spills and releases

Place in appropriate containers for disposal.

6.4 Reference to other sections

Hazardous combustion products: see section 5. Personal protective equipment: see section 8. Incompatible materials: see section 10. Disposal considerations: see section 13.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Avoid dust formation.

Measures to prevent fire as well as aerosol and dust generation

Removal of dust deposits. Keep away from combustible material.

Advice on general occupational hygiene

Wash hands before breaks and after work. Keep away from food, drink and animal feedingstuffs.

7.2 Conditions for safe storage, including any incompatibilities

Store in a dry place. Keep container tightly closed.

Incompatible substances or mixtures

Observe hints for combined storage. Keep/store away from clothing/combustible materials. Take any precaution to avoid mixing with combustibles.

Consideration of other advice:

Ventilation requirements

Use local and general ventilation.

Ireland (en) Page 4 / 15

according to Regulation (EC) No. 1907/2006 (REACH), amended by 2020/878/EU



Palladium(II) oxide ROTI®METIC 99,995 % (4N5)

article number: 5393

Specific designs for storage rooms or vessels

Recommended storage temperature: 15 - 25 °C

7.3 Specific end use(s)

No information available.

SECTION 8: Exposure controls/personal protection

8.1 **Control parameters**

National limit values

Occupational exposure limit values (Workplace Exposure Limits)

Coun try	Name of agent	CAS No	Identifi- er	TWA [mg/ m³]	STEL [mg/ m³]	Ceil- ing-C [mg/ m³]	Nota- tion	Source
IE	dusts, non-specific		OELV	10			i	S.I. No. 619 of 2001
IE	dusts, non-specific		OELV	4			r	S.I. No. 619 of 2001

Notation

Ceiling-C Ceiling value is a limit value above which exposure should not occur

Inhalable fraction Respirable fraction

. STEL Short-term exposure limit: a limit value above which exposure should not occur and which is related to a 15-minute period (unless otherwise specified)

Time-weighted average (long-term exposure limit): measured or calculated in relation to a reference period of 8 **TWA**

hours time-weighted average (unless otherwise specified)

8.2 **Exposure controls**

Individual protection measures (personal protective equipment)

Eye/face protection





Use safety goggle with side protection.

Skin protection





hand protection

Wear suitable gloves. Chemical protection gloves are suitable, which are tested according to EN 374. For special purposes, it is recommended to check the resistance to chemicals of the protective gloves mentioned above together with the supplier of these gloves. The times are approximate values from measurements at 22° C and permanent contact. Increased temperatures due to heated substances, body heat etc. and a reduction of the effective layer thickness by stretching can lead to a considerable reduction of the breakthrough time. If in doubt, contact manufacturer. At an approx. 1.5 times larger / smaller layer thickness, the respective breakthrough time is doubled / halved. The data apply only to the pure substance. When transferred to substance mixtures, they may only be considered as a guide.

Page 5 / 15 Ireland (en)

according to Regulation (EC) No. 1907/2006 (REACH), amended by 2020/878/EU



Palladium(II) oxide ROTI®METIC 99,995 % (4N5)

article number: 5393

type of material

NBR (Nitrile rubber)

material thickness

>0,11 mm

• breakthrough times of the glove material

>480 minutes (permeation: level 6)

other protection measures

Take recovery periods for skin regeneration. Preventive skin protection (barrier creams/ointments) is recommended.

Respiratory protection





Respiratory protection necessary at: Dust formation. Particulate filter device (EN 143). P1 (filters at least 80 % of airborne particles, colour code: White).

Environmental exposure controls

Keep away from drains, surface and ground water.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Physical state solid

Colour dark grey
Odour odourless

Melting point/freezing point 750 °C (ECHA)

Boiling point or initial boiling point and boiling

range

not determined

Flammability non-combustible

Lower and upper explosion limit not determined

Flash point not applicable

Auto-ignition temperature not determined

Decomposition temperature not relevant

pH (value) not applicable

Kinematic viscosity not relevant

Solubility(ies)

Water solubility (practically insoluble)

Partition coefficient

Partition coefficient n-octanol/water (log value): not relevant (inorganic)

Ireland (en) Page 6 / 15

according to Regulation (EC) No. 1907/2006 (REACH), amended by 2020/878/EU



Palladium(II) oxide ROTI®METIC 99,995 % (4N5)

article number: 5393

Vapour pressure not determined

Density and/or relative density

Density 8,3 $^{9}/_{cm^{3}}$ at 20 $^{\circ}$ C (ECHA)

Relative vapour density Information on this property is not available.

Particle characteristics No data available.

Other safety parameters

Oxidising properties

9.2 Other information

Information with regard to physical hazard

classes:

Other safety characteristics: There is no additional information.

SECTION 10: Stability and reactivity

10.1 Reactivity

It's a reactive substance. Oxidising property.

10.2 Chemical stability

The material is stable under normal ambient and anticipated storage and handling conditions of temperature and pressure.

There is no additional information.

10.3 Possibility of hazardous reactions

Violent reaction with: Reducing agents, Hydrogen

10.4 Conditions to avoid

There are no specific conditions known which have to be avoided.

10.5 Incompatible materials

There is no additional information.

10.6 Hazardous decomposition products

Hazardous combustion products: see section 5.

SECTION 11: Toxicological information

11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008

Classification according to GHS (1272/2008/EC, CLP)

Acute toxicity

Shall not be classified as acutely toxic.

Acute toxicity

Exposure route	Endpoint	Value	Species	Method	Source
oral	LD50	>4.900 ^{mg} / _{kg}	rat		ECHA

Ireland (en) Page 7 / 15

according to Regulation (EC) No. 1907/2006 (REACH), amended by 2020/878/EU



Palladium(II) oxide ROTI®METIC 99,995 % (4N5)

article number: 5393

Skin corrosion/irritation

Shall not be classified as corrosive/irritant to skin.

Serious eye damage/eye irritation

Shall not be classified as seriously damaging to the eye or eye irritant.

Respiratory or skin sensitisation

Shall not be classified as a respiratory or skin sensitiser.

Germ cell mutagenicity

Shall not be classified as germ cell mutagenic.

Carcinogenicity

Shall not be classified as carcinogenic.

Reproductive toxicity

Shall not be classified as a reproductive toxicant.

Specific target organ toxicity - single exposure

Shall not be classified as a specific target organ toxicant (single exposure).

Specific target organ toxicity - repeated exposure

Shall not be classified as a specific target organ toxicant (repeated exposure).

Aspiration hazard

Shall not be classified as presenting an aspiration hazard.

Symptoms related to the physical, chemical and toxicological characteristics

If swallowed

Data are not available.

• If in eyes

Data are not available.

• If inhaled

Data are not available.

• If on skin

Data are not available.

Other information

Health effects are not known.

11.2 Endocrine disrupting properties

Does not contain an endocrine disruptor (ED) at a concentration of \geq 0,1%.

11.3 Information on other hazards

There is no additional information.

Ireland (en) Page 8 / 15

according to Regulation (EC) No. 1907/2006 (REACH), amended by 2020/878/EU



Palladium(II) oxide ROTI®METIC 99,995 % (4N5)

article number: 5393

SECTION 12: Ecological information

12.1 Toxicity

Shall not be classified as hazardous to the aquatic environment.

Aquatic toxicity (acute)

Endpoint	Value	Species	Source	Exposure time
LC50	306 ^{µg} / _l	fish	ECHA	96 h
EC50	35,19 ^{µg} / _l	aquatic invertebrates	ECHA	48 h
ErC50	5,88 ^{µg} / _l	algae	ECHA	72 h

Aquatic toxicity (chronic)

Endpoint	Value	Species	Source	Exposure time
EC50	61 ^{mg} / _l	microorganisms	ECHA	3 h

12.2 Persistence and degradability

Data are not available.

12.3 Bioaccumulative potential

Data are not available.

12.4 Mobility in soil

Data are not available.

12.5 Results of PBT and vPvB assessment

Data are not available.

12.6 Endocrine disrupting properties

Does not contain an endocrine disruptor (ED) at a concentration of \geq 0,1%.

12.7 Other adverse effects

Data are not available.

SECTION 13: Disposal considerations

13.1 Waste treatment methods



This material and its container must be disposed of as hazardous waste. Dispose of contents/container in accordance with local/regional/national/international regulations.

Sewage disposal-relevant information

Do not empty into drains.

Ireland (en) Page 9 / 15

according to Regulation (EC) No. 1907/2006 (REACH), amended by 2020/878/EU



Palladium(II) oxide ROTI®METIC 99,995 % (4N5)

article number: 5393

Waste treatment of containers/packagings

It is a dangerous waste; only packagings which are approved (e.g. acc. to ADR) may be used. Handle contaminated packages in the same way as the substance itself. Completely emptied packages can be recycled.

13.2 Relevant provisions relating to waste

The allocation of waste identity numbers/waste descriptions must be carried out according to the EEC, specific to the industry and process.

Properties of waste which render it hazardous

HP 2 oxidising

13.3 Remarks

Waste shall be separated into the categories that can be handled separately by the local or national waste management facilities. Please consider the relevant national or regional provisions. Non-contaminated packages may be recycled.

SECTION 14: Transport information

14.1 UN number or ID number

ADRRID	UN 1479
IMDG-Code	UN 1479
ICAO-TI	UN 1479

14.2 UN proper shipping name

ADRRID	OXIDIZING SOLID, N.O.S.
IMDG-Code	OXIDIZING SOLID, N.O.S.
ICAO-TI	Oxidizing solid, n.o.s.
Technical name	Palladium(II) oxide

14.3 Transport hazard class(es)

ADRRID	5.1
IMDG-Code	5.1
ICAO-TI	5.1

14.4 Packing group

ADRRID	I
IMDG-Code	I
ICAO-TI	Ι

14.5 Environmental hazards non-environmentally hazardous acc. to the dan-

gerous goods regulations

14.6 Special precautions for user

Provisions for dangerous goods (ADR) should be complied within the premises.

14.7 Maritime transport in bulk according to IMO instruments

The cargo is not intended to be carried in bulk.

14.8 Information for each of the UN Model Regulations

Ireland (en) Page 10 / 15

according to Regulation (EC) No. 1907/2006 (REACH), amended by 2020/878/EU

ROTH

Palladium(II) oxide ROTI®METIC 99,995 % (4N5)

article number: 5393

Agreement concerning the International Carriage of Dangerous Goods by Road (ADR)Additional information

Proper shipping name OXIDIZING SOLID, N.O.S.

Particulars in the transport document UN1479, OXIDIZING SOLID, N.O.S., (Palladium(II)

oxide), 5.1, I, (E)

Classification code O2
Danger label(s) 5.1



Special provisions (SP) 274

Excepted quantities (EQ) E0

Limited quantities (LQ) 0

Transport category (TC) 1

Tunnel restriction code (TRC) E

Regulations concerning the International Carriage of Dangerous Goods by Rail (RID)Additional information

Classification code 02

Danger label(s) 5.1



Special provisions (SP) 274

Excepted quantities (EQ) E0

Limited quantities (LQ) 0

Transport category (TC) 1

Hazard identification No 55

International Maritime Dangerous Goods Code (IMDG) - Additional information

Proper shipping name OXIDIZING SOLID, N.O.S.

Particulars in the shipper's declaration UN1479, OXIDIZING SOLID, N.O.S., (Palladium(II)

oxide), 5.1, I

Marine pollutant -

Danger label(s) 5.1



Special provisions (SP) 274, 900

Excepted quantities (EQ) E0

Limited quantities (LQ) 0

EmS F-A, S-Q

Stowage category D

Ireland (en) Page 11 / 15

according to Regulation (EC) No. 1907/2006 (REACH), amended by 2020/878/EU



Palladium(II) oxide ROTI®METIC 99,995 % (4N5)

article number: 5393

International Civil Aviation Organization (ICAO-IATA/DGR) - Additional information

Proper shipping name Oxidizing solid, n.o.s.

Particulars in the shipper's declaration UN1479, Oxidizing solid, n.o.s., (Palladium(II) ox-

ide), 5.1, I

Danger label(s) 5.1



Special provisions (SP) A3
Excepted quantities (EQ) E0

SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture Relevant provisions of the European Union (EU)

Restrictions according to REACH, Annex XVII

not listed

List of substances subject to authorisation (REACH, Annex XIV)/SVHC - candidate list Not listed.

Seveso Directive

2012/	2012/18/EU (Seveso III)						
No	Dangerous substance/hazard categories	plication of lower	(tonnes) for the ap- and upper-tier re- ments	Notes			
P8	oxidising liquids and solids	50	200	55)			

Notation

Deco-Paint Directive

VOC content	0 %
VOC content	0 ^g / _l

Industrial Emissions Directive (IED)

VOC content	0 %
VOC content	0 ^g / _l

Directive on the restriction of the use of certain hazardous substances in electrical and electronic equipment (RoHS)

not listed

Regulation concerning the establishment of a European Pollutant Release and Transfer Register (PRTR)

not listed

Ireland (en) Page 12 / 15

⁵⁵⁾ Oxidising liquids, category 1, 2 or 3, or oxidising solids, category 1, 2 or 3

according to Regulation (EC) No. 1907/2006 (REACH), amended by 2020/878/EU



Palladium(II) oxide ROTI®METIC 99,995 % (4N5)

article number: 5393

Water Framework Directive (WFD)

List of pollutants (WFD)

Name of substance	Name acc. to inventory	CAS No	Listed in	Remarks
Palladium(II) oxide	Metals and their compounds		a)	

Legend

Indicative list of the main pollutants

Regulation on the marketing and use of explosives precursors

not listed

Regulation on drug precursors

not listed

Regulation on substances that deplete the ozone layer (ODS)

not listed

Regulation concerning the export and import of hazardous chemicals (PIC)

not listed

Regulation on persistent organic pollutants (POP)

not listed

Other information

Directive 94/33/EC on the protection of young people at work. Observe employment restrictions under the Maternity Protection Directive (92/85/EEC) for expectant or nursing mothers.

National inventories

Country	Inventory	Status
AU	AIIC	substance is listed
CA	DSL	substance is listed
CN	IECSC	substance is listed
EU	ECSI	substance is listed
EU	REACH Reg.	substance is listed
JP	CSCL-ENCS	substance is listed
KR	KECI	substance is listed
NZ	NZIoC	substance is listed
PH	PICCS	substance is listed
TW	TCSI	substance is listed
US	TSCA	substance is listed (ACTIVE)
VN	NCI	substance is listed

Legend

AIIC

CSCL-ENCS DSL ECSI

Australian Inventory of Industrial Chemicals
List of Existing and New Chemical Substances (CSCL-ENCS)
Domestic Substances List (DSL)
EC Substance Inventory (EINECS, ELINCS, NLP)
Inventory of Existing Chemical Substances Produced or Imported in China
Korea Existing Chemicals Inventory

National Chemical Inventory New Zealand Inventory of Chemicals NZIoC

Ireland (en) Page 13 / 15

according to Regulation (EC) No. 1907/2006 (REACH), amended by 2020/878/EU



Palladium(II) oxide ROTI®METIC 99,995 % (4N5)

article number: 5393

Legend

PICCS REACH Reg. Philippine Inventory of Chemicals and Chemical Substances (PICCS) REACH Registered substances TCSI Taiwan Chemical Substance Inventory

TCSI TSCA

Toxic Substance Control Act

15.2 Chemical safety assessment

No Chemical Safety Assessment has been carried out for this substance.

SECTION 16: Other information

Indication of changes (revised safety data sheet)

Section	Former entry (text/value)	Actual entry (text/value)	Safety- relev- ant
2.3		Endocrine disrupting properties: Does not contain an endocrine disruptor (ED) at a concentration of ≥ 0,1%.	yes
14.8	Classification code: 5.1	Classification code: O2	yes
15.1	VOC content: 0 % 0 ⁹ / _l	VOC content: 0 %	yes
15.1		VOC content: 0 ^g / _l	yes
15.1		National inventories: change in the listing (table)	yes

Abbreviations and acronyms

Abbr.	Descriptions of used abbreviations
ADR	Accord relatif au transport international des marchandises dangereuses par route (Agreement concerr ing the International Carriage of Dangerous Goods by Road)
CAS	Chemical Abstracts Service (service that maintains the most comprehensive list of chemical substances
Ceiling-C	Ceiling value
CLP	Regulation (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures
DGR	Dangerous Goods Regulations (see IATA/DGR)
EC50	Effective Concentration 50 %. The EC50 corresponds to the concentration of a tested substance causin 50 % changes in response (e.g. on growth) during a specified time interval
EC No	The EC Inventory (EINECS, ELINCS and the NLP-list) is the source for the seven-digit EC number, an ider fier of substances commercially available within the EU (European Union)
ED	Endocrine disruptor
EINECS	European Inventory of Existing Commercial Chemical Substances
ELINCS	European List of Notified Chemical Substances
EmS	Emergency Schedule
ErC50	≡ EC50: in this method, that concentration of test substance which results in a 50 % reduction in eithe growth (EbC50) or growth rate (ErC50) relative to the control
GHS	"Globally Harmonized System of Classification and Labelling of Chemicals" developed by the United Nations

Ireland (en) Page 14 / 15

according to Regulation (EC) No. 1907/2006 (REACH), amended by 2020/878/EU



Palladium(II) oxide ROTI®METIC 99,995 % (4N5)

article number: 5393

Abbr.	Descriptions of used abbreviations
IATA	International Air Transport Association
IATA/DGR	Dangerous Goods Regulations (DGR) for the air transport (IATA)
ICAO	International Civil Aviation Organization
ICAO-TI	Technical instructions for the safe transport of dangerous goods by air
IMDG	International Maritime Dangerous Goods Code
IMDG-Code	International Maritime Dangerous Goods Code
LC50	Lethal Concentration 50%: the LC50 corresponds to the concentration of a tested substance causing 50 % lethality during a specified time interval
LD50	Lethal Dose 50 %: the LD50 corresponds to the dose of a tested substance causing 50 % lethality during a specified time interval
NLP	No-Longer Polymer
PBT	Persistent, Bioaccumulative and Toxic
REACH	Registration, Evaluation, Authorisation and Restriction of Chemicals
RID	Règlement concernant le transport International ferroviaire des marchandises Dangereuses (Regula- tions concerning the International carriage of Dangerous goods by Rail)
S.I. No. 619 of 2001	Safety, Health and Welfare at Work (Chemical Agents) Regulations 2001
STEL	Short-term exposure limit
SVHC	Substance of Very High Concern
TWA	Time-weighted average
VOC	Volatile Organic Compounds
vPvB	Very Persistent and very Bioaccumulative

Key literature references and sources for data

Regulation (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures. Regulation (EC) No. 1907/2006 (REACH), amended by 2020/878/EU.

Agreement concerning the International Carriage of Dangerous Goods by Road (ADR). Regulations concerning the International Carriage of Dangerous Goods by Rail (RID). International Maritime Dangerous Goods Code (IMDG). Dangerous Goods Regulations (DGR) for the air transport (IATA).

List of relevant phrases (code and full text as stated in section 2 and 3)

Code	Text
H271	May cause fire or explosion; strong oxidiser.

Disclaimer

This information is based upon the present state of our knowledge. This SDS has been compiled and is solely intended for this product.

Ireland (en) Page 15 / 15