

SAFETY DATA SHEET

According to REACH Regulation (EC) No
1907/2006, as amended by UK REACH
Regulations SI 2019/758



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262255526 ANTOX71E PLUSPT-ES- FR-GB(10KG)

Version	Revision Date:	SDS Number:	Date of last issue: 14.01.2025
4.0	14.04.2025	000000000050598 798	Date of first issue: 04.10.2023

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

1.1 Product identifier

Trade name : 262255526 ANTOX71E PLUSPT-ES-FR-GB(10KG)

Product code : 000000000050598798

Unique Formula Identifier : POS0-6792-V00X-NVHG
(UFI)

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

Use of the : Treatment of metal surfaces.
Substance/Mixture

Recommended restrictions : Uses other than recommended
on use

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1.3 Details of the supplier of the safety data sheet

Company:

Chemetall GmbH
Trakehner Straße, 3
60487, Frankfurt am Main
Germany
+49(0)69 7165-0
sds.global-chemetall@basf.com

Contact address:

Chemetall Ltd.
Napier House, Auckland Park
Bletchley Milton Keynes MK1 1BU
Great Britain

Telephone: +44 1908 649333
E-mail address: sds.global-chemetall@basf.com

1.4 Emergency telephone

International emergency number:
Telephone: +49 180 2273-112

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification (REGULATION (EC) No 1272/2008) as amended by GB-CLP Regulation, UK SI 2019/720, and UK SI 2020/1567)

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Corrosive to Metals, Category 1	H290: May be corrosive to metals.
Acute toxicity, Category 3	H301: Toxic if swallowed.
Acute toxicity, Category 3	H331: Toxic if inhaled.
Acute toxicity, Category 2	H310: Fatal in contact with skin.
Skin corrosion, Sub-category 1A	H314: Causes severe skin burns and eye damage.
Serious eye damage, Category 1	H318: Causes serious eye damage.

2.2 Label elements

Labeling (REGULATION (EC) No 1272/2008) as amended by GB-CLP Regulation, UK SI 2019/720, and UK SI 2020/1567)

Hazard pictograms :



Signal Word : Danger

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Hazard Statements : H290 May be corrosive to metals.
H301 + H331 Toxic if swallowed or if inhaled.
H310 Fatal in contact with skin.
H314 Causes severe skin burns and eye damage.

Supplemental Hazard : EUH071 Corrosive to the respiratory tract.
Statements

Precautionary : **Prevention:**
Statements : P262 Do not get in eyes, on skin, or on clothing.
P280 Wear protective gloves/ protective clothing/
eye protection/ face protection/ hearing
protection.
Response:
P301 + P310 + P330 IF SWALLOWED: Immediately call a
POISON CENTER/ doctor. Rinse mouth.
P303 + P361 + P353 IF ON SKIN (or hair): Take off
immediately all contaminated clothing. Rinse

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skin with water.

P304 + P340 + P310 IF INHALED: Remove person to
fresh air and keep comfortable for breathing.
Immediately call a POISON CENTER/ doctor.

P305 + P351 + P338 + P310 IF IN EYES: Rinse cautiously
with water for several minutes. Remove
contact lenses, if present and easy to do.
Continue rinsing. Immediately call a POISON
CENTER/ doctor.

Storage:

P403 + P233 Store in a well-ventilated place. Keep
container tightly closed.

Hazardous ingredients which must be listed on the label:

nitric acid

Hydrofluoric acid

Additional Labeling

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EUH071 Corrosive to the respiratory tract.

2.3 Other hazards

This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

Classified as 'corrosive' due to pH value

If applicable information is provided in this section on other hazards which do not result in classification but which may contribute to the overall hazards of the substance or mixture.

SECTION 3: Composition/information on ingredients

3.2 Mixtures

Chemical nature : inorganic salts

Water

inorganic acids

Components

Chemical name	CAS-No.	Classification	Concentration (% w/w)

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	EC-No. Index-No. Registration number		
nitric acid	7697-37-2	Ox. Liq. 3; H272	>= 20 - < 25
	231-714-2	Met. Corr. 1; H290	
	UK-20- 0777438121-9- 0000	Acute Tox. 3; H331	
	UK-20- 9702550300-0- 0000	Skin Corr. 1A; H314 Eye Dam. 1; H318	
	UK-20- 0537843089-5- 0000	specific concentration limit	
	UK-20- 2749242067-7- 0000	Eye Dam. 1; H318	

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		>= 3 % Eye Irrit. 2; H319 1 - < 3 % Skin Irrit. 2; H315 1 - < 5 % Ox. Liq. 3; H272 >= 65 % Skin Corr. 1A; H314 >= 20 % Skin Corr. 1B; H314 5 - < 20 %	
Magnesium fluoride	7783-40-6	Skin Irrit. 2; H315	>= 10 - < 12.5

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	231-995-1	Eye Irrit. 2; H319	
	01-2120736802-55	STOT SE 3; H335 (Respiratory system)	
Hydrofluoric acid	7664-39-3 231-634-8 009-003-00-1 UK-20- 9702550300-0- 0000	Acute Tox. 2; H300 Acute Tox. 2; H330 Acute Tox. 1; H310 Skin Corr. 1A; H314 Eye Dam. 1; H318 _____ specific concentration limit	$\geq 5 - < 7$

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		Skin Corr. 1A; H314 ≥ 7 % Skin Corr. 1B; H314 1 - < 7 % Eye Irrit. 2; H319 0.1 - < 1 %	
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For explanation of abbreviations see section 16.

SECTION 4: First aid measures**4.1 Description of first-aid measures**

General advice : First aid personnel should pay attention to their own safety.
Immediately remove contaminated clothing.
In case of intoxication, call a poison control center or physician for treatment advice, taking the packaging or

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the label of the product.

Symptoms of poisoning may occur even after several
hours, continue medical observation for at least 48
hours after the accident.

Never give anything by mouth to an unconscious person.
Keep patient warm and at rest.

If inhaled : If breathed in, move person into fresh air.

Call a physician or poison control center immediately.

If breathing is irregular or stopped, administer artificial
respiration.

In case of skin contact : Call a physician immediately.

First treatment with calcium gluconate paste.

In case of contact, immediately flush skin with plenty of
water for at least 15 minutes while removing
contaminated clothing and shoes.

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In case of eye contact : Immediately wash affected eyes for at least 15 minutes under running water with eyelids held open, consult an eye specialist.

Call a physician immediately.

If easy to do, remove contact lens, if worn.

If swallowed : Immediately rinse mouth and then drink milk or a magnesium hydroxide/calcium carbonate suspension, do not induce vomiting, seek medical attention.

Keep at rest.

If symptoms persist, call a physician or Poison Control Center immediately.

4.2 Most important symptoms and effects, both acute and delayed

Symptoms : Information, i.e. additional information on symptoms and effects may be included in the GHS labeling phrases

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available in Section 2 and in the Toxicological
assessments available in Section 11.

Symptoms of poisoning may not appear for several
hours. Keep under medical supervision for at least 48
hours.

Risks

: Toxic if swallowed or if inhaled.

Fatal in contact with skin.

Causes serious eye damage.

Causes severe burns.

Corrosive to the respiratory tract.

May cause severe burns of the mouth and throat if
orally ingested, as well as a danger of perforation of the
oesophagus and the stomach.

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4.3 Indication of any immediate medical attention and special treatment needed

Treatment : Administration of calcium gluconate.
Treat symptomatically.

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media : Water spray jet
Dry powder
Alcohol-resistant foam
Carbon dioxide (CO₂)

Unsuitable extinguishing media : High volume water jet

5.2 Special hazards arising from the substance or mixture

Specific hazards during fire fighting : When dry, the substance/product is oxidising.
Hazardous decomposition products formed under fire

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conditions.

Hazardous combustion : Nitrogen oxides (NO_x)
products Fluorine compounds

5.3 Advice for firefighters

Special protective : Appropriate breathing apparatus may be required.
equipment for fire-fighters

Further information : In the event of fire, cool tanks with water spray.

Fire residues and contaminated fire extinguishing water
must be disposed of in accordance with local
regulations.

Collect contaminated fire extinguishing water separately.
This must not be discharged into drains.

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SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Personal precautions : Avoid breathing vapours.

Keep away from sources of ignition.

Advice on product handling can be found in sections 7
and 8 of this safety data sheet.

For non-emergency personnel:

For emergency responders:

Use personal protective equipment.

Ensure adequate ventilation, especially in confined
areas.

6.2 Environmental precautions

Environmental precautions : Do not allow uncontrolled discharge of product into the
environment.

Avoid subsoil penetration.

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If the product contaminates rivers and lakes or drains
inform respective authorities.

6.3 Methods and material for containment and cleaning up

Methods for cleaning up : Ensure adequate ventilation.

Contain spillage, soak up with non-combustible
absorbent material, (e.g. sand, earth, diatomaceous
earth, vermiculite) and transfer to a container for
disposal according to local / national regulations (see
section 13).

6.4 Reference to other sections

For disposal considerations see section 13.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Advice on safe handling : Provide good ventilation of working area (local exhaust
ventilation if necessary).

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Do not return residues to the storage containers.

Smoking, eating and drinking are forbidden in
application area. For personal protection see section 8.
Comply with the health and safety at work laws.

The workplace should be equipped with an emergency
shower and eye-rinsing facility.

Avoid contact with the skin, eyes and clothing.

Handle in accordance with good industrial hygiene and
safety practice.

Do not breathe vapors or spray mist.

Advice on protection : Avoid all sources of ignition: heat, sparks, open flame.
against fire and explosion : The relevant fire protection measures should be noted.
Dried product promotes spreading of fire.

Hygiene measures : Remove contaminated clothing immediately and dispose
of safely. Wash hands before breaks and at the end of
workday. Keep away from food, drink and animal

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feedingstuffs.

7.2 Conditions for safe storage, including any incompatibilities

Further information on storage conditions : Keep away from heat. Avoid direct sunlight. Store only in corrosion proof containers. Close containers carefully once opened and store them upright in order to prevent any leakage. No smoking. No admission for unauthorised personnel. Always keep in containers of same material as the original one. Observe label precautions. avoid contact with metals Store protected against freezing. Keep in a dry, cool and well-ventilated place.

Advice on common storage : Segregate from alkalies and alkalizing substances.

glass

Bases

Metals

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Recommended storage : 0 - 40 °C
temperature

Packaging material : Suitable material: High density polyethylene (HDPE),
Low density polyethylene (LDPE),
Polyethylenetherephtalate (PET), Polypropylene

Suitable material: rubberized

7.3 Specific end use(s)

Specific use(s) : Please refer to the technical leaflet for further
information.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Occupational Exposure Limits

Components	CAS-No.	Value type (Form of exposure)	Control parameters	Basis

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nitric acid	7697-37-2	STEL	1 ppm 2.6 mg/m3	GB EH40
		STEL	1 ppm 2.6 mg/m3	2006/15/EC
Further information: Indicative				
Magnesium fluoride	7783-40-6	TWA	2.5 mg/m3 (Fluorine)	2000/39/EC
Further information: Indicative				
Hydrofluoric acid	7664-39-3	TWA	1.8 ppm 1.5 mg/m3 (Fluorine)	GB EH40
		STEL	3 ppm 2.5 mg/m3 (Fluorine)	GB EH40

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		TWA	1.8 ppm 1.5 mg/m3	2000/39/EC
	Further information: Indicative			
		STEL	3 ppm 2.5 mg/m3	2000/39/EC
	Further information: Indicative			

8.2 Exposure controls**Engineering measures**

Ensure adequate ventilation.

Personal protective equipment

Eye/face protection : Tightly fitting safety goggles (splash goggles) (e.g. EN 166)

Hand protection

Remarks : The selected protective gloves have to satisfy the specifications of Regulation (EU) 2016/425 and the standard EN 374 derived from it. polyvinylchloride

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(PVC) - 0.7 mm coating thickness chloroprene rubber
(CR) - 0.5 mm coating thickness natural rubber/natural
latex (NR) - 0.5 mm coating thickness butyl rubber
gloves - material thickness: 0.5 mm Performance level
6, corresponding to a breakthrough time of >480 min
according to EN ISO 374-1 The protection glove should
be tested for its specific suitability (e.g. mechanical
strength, product compatibility, anti-static properties).
Gloves should be discarded and replaced if there is any
indication of degradation or chemical breakthrough.
Preventive skin protection

Skin and body protection : Chemical resistant protective clothing according to DIN
EN 13034 (Type 6)

Respiratory protection : Self-contained breathing apparatus (EN 133)

When workers are facing concentrations above the
exposure limit they must use appropriate certified
respirators.

Filter type : Inorganic gas/vapor type (B)

Protective measures : Do not breathe vapour/spray.

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Eye wash fountains and safety showers must be easily accessible.

If these are not sufficient to maintain concentrations at the workplace below the occupational exposure limits, appropriate certified respirators must be worn.

Avoid contact with the skin, eyes and clothing.

Handle in accordance with good industrial hygiene and safety practice.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance	:	liquid
Color	:	colorless
Odor	:	pungent
Odor Threshold	:	not determined
pH	:	1.0 - 2.0 (20 °C) (undiluted)
Melting point/ range	:	not determined

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Boiling point/boiling range	:	not determined
Flash point	:	Not applicable
Evaporation rate	:	not determined
Upper explosion limit / Upper flammability limit	:	not determined
Lower explosion limit / Lower flammability limit	:	not determined
Vapor pressure	:	23.0000 hPa (20 °C) Method: other (calculated) not determined (50 °C)
Relative vapor density	:	Lighter than air.
Density	:	1.250 g/cm ³ (20 °C)
Solubility(ies)		
Water solubility	:	not determined
Partition coefficient: n- octanol/water	:	not applicable for mixtures
Autoignition temperature	:	> 200.00 °C

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Decomposition temperature : No decomposition if stored and handled as prescribed/indicated.

Viscosity
Viscosity, kinematic : not determined (40 °C)
not determined (23 °C)

Explosive properties : Not explosive

Oxidizing properties : The substance or mixture is not classified as oxidizing.

9.2 Other information

Flammability (liquids) : Does not sustain combustion.

Self-heating substances : The substance or mixture is not classified as self heating.

Metal corrosion rate : Corrosive to metals

Particle size : The substance / product is marketed or used in a non solid or granular form.

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SECTION 10: Stability and reactivity

10.1 Reactivity

No dangerous reaction known under conditions of normal use.

10.2 Chemical stability

No decomposition if stored and applied as directed.

10.3 Possibility of hazardous reactions

Hazardous reactions : The product is oxidizing when dried.
Gives off hydrogen by reaction with metals.

10.4 Conditions to avoid

Conditions to avoid : Avoid direct sunlight.

avoid contact with metals

Do not allow evaporation to dryness.

Protect from frost.

Heat.

10.5 Incompatible materials

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Materials to avoid : glass
Bases
Metals

10.6 Hazardous decomposition products

No decomposition if stored and applied as directed.

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Acute toxicity

Toxic if swallowed or if inhaled.
Fatal in contact with skin.

Product:

Acute oral toxicity : Acute toxicity estimate: 79.37 mg/kg

Method: Calculation method

Acute inhalation toxicity : Acute toxicity estimate: 4.79 mg/l
Exposure time: 4 h

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Test atmosphere: vapor

Method: Calculation method

Acute dermal toxicity : Acute toxicity estimate: 79.37 mg/kg

Method: Calculation method

Components:

nitric acid:

Acute inhalation toxicity : LC50 (Rat): 2.65 mg/l
Exposure time: 4 h

Test atmosphere: vapor

Assessment: Corrosive to the respiratory tract.

Skin corrosion/irritation

Causes severe burns.

Serious eye damage/eye irritation

Causes serious eye damage.

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Respiratory or skin sensitization

Skin sensitization

Based on available data, the classification criteria are not met.

Respiratory sensitization

Based on available data, the classification criteria are not met.

Germ cell mutagenicity

Based on available data, the classification criteria are not met.

Carcinogenicity

Based on available data, the classification criteria are not met.

Reproductive toxicity

Based on available data, the classification criteria are not met.

STOT-single exposure

Corrosive to the respiratory tract.

STOT-repeated exposure

Based on available data, the classification criteria are not met.

Aspiration toxicity

Based on available data, the classification criteria are not met.

SECTION 12: Ecological information

12.1 Toxicity

No data available

12.2 Persistence and degradability

No data available

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12.3 Bioaccumulative potential

Components:

Hydrofluoric acid:

Partition coefficient: n- : log Pow: -1.4
octanol/water

12.4 Mobility in soil

No data available

12.5 Results of PBT and vPvB assessment

Product:

Assessment : This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

12.6 Other adverse effects

Product:

Endocrine disrupting potential : This substance/mixture does not contain components considered to have endocrine disrupting properties for environment according to UK REACH Article 57(f).

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SECTION 13: Disposal considerations

13.1 Waste treatment methods

- Product : Do not discharge into drains/surface
waters/groundwater.
- Observe national and local legal requirements.
- Contaminated packaging : Containers which are not properly emptied must be
disposed pursuant to Directive 2008/98/EC
- Packaging that is not properly emptied must be disposed
of as the unused product.

SECTION 14: Transport information

14.1 UN number

ADN : UN 2922

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ADR : UN 2922

RID : UN 2922

IMDG : UN 2922

IATA : UN 2922

14.2 UN proper shipping name

ADN : CORROSIVE LIQUID, TOXIC, N.O.S.
| (HYDROFLUORIC ACID, NITRIC ACID)

ADR : CORROSIVE LIQUID, TOXIC, N.O.S.
| (HYDROFLUORIC ACID, NITRIC ACID)

RID : CORROSIVE LIQUID, TOXIC, N.O.S.
| (HYDROFLUORIC ACID, NITRIC ACID)

IMDG : CORROSIVE LIQUID, TOXIC, N.O.S.
| (HYDROFLUORIC ACID, NITRIC ACID)

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IATA : CORROSIVE LIQUID, TOXIC, N.O.S.
| (HYDROFLUORIC ACID, NITRIC ACID)

14.3 Transport hazard class(es)

	Class	Subsidiary risks
ADN	: 8	6.1
ADR	: 8	6.1
RID	: 8	6.1
IMDG	: 8	6.1
IATA	: 8	6.1

14.4 Packing group

ADN

Packing group	: II
Classification Code	: CT1

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Hazard Identification
Number : 86

Labels : 8 (6.1)

ADR

Packing group : II

Classification Code : CT1

Hazard Identification
Number : 86

Labels : 8 (6.1)

Tunnel restriction code : (E)

RID

Packing group : II

Classification Code : CT1

Hazard Identification
Number : 86

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Labels : 8 (6.1)

IMDG

Packing group : II

Labels : 8 (6.1)

EmS Code : F-A, S-B

IATA (Cargo)

Packing instruction (cargo : 855
aircraft)

Packing instruction (LQ) : Y840

Packing group : II

Labels : Corrosive, Toxic

IATA (Passenger)

Packing instruction : 851
(passenger aircraft)

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Packing instruction (LQ)	: Y840
Packing group	: II
Labels	: Corrosive, Toxic

14.5 Environmental hazards

ADN

Environmentally hazardous	: no
------------------------------	------

ADR

Environmentally hazardous	: no
------------------------------	------

RID

Environmentally hazardous	: no
------------------------------	------

IMDG

Marine pollutant	: no
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14.6 Special precautions for user

The transport classification(s) provided herein are for informational purposes only, and solely based upon the properties of the unpackaged material as it is described within this Safety Data Sheet. Transportation classifications may vary by mode of transportation, package sizes, and variations in regional or country regulations.

14.7 Transport in bulk according to Annex II of Marpol and the IBC Code

Not applicable for product as supplied.

SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

Relevant EU provisions transposed through retained EU law

UK REACH List of restrictions (Annex 17)	: Conditions of restriction for the following entries should be considered: Number on list 3
--	---

UK REACH Candidate list of substances of very high concern (SVHC) for Authorisation	: Not applicable
---	------------------

The Persistent Organic Pollutants Regulations	: Not applicable
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(retained Regulation (EU) 2019/1021 as amended
for Great Britain)

Regulation (EC) on substances that deplete the
ozone layer : Not applicable

Regulation (EU) 2019/1148 on the marketing and
use of explosives precursors : nitric acid

UK REACH List of substances subject to
authorisation (Annex XIV) : Not applicable

Control of Major Accident Hazards H2 ACUTE TOXIC
Regulations 2015 (COMAH)

Volatile organic : Directive 2010/75/EU of 24 November 2010 on
compounds industrial emissions (integrated pollution prevention and
control)

Not applicable

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Other regulations:

Take note of The Management of Health and Safety at Work Regulations 1999 (requirements relating to new and expectant mothers at work contained in Regulation 16 to 18) and of the Pregnant Workers Directive 92/85/EEC.

Take note of The Management of Health and Safety at Work Regulations 1999 (requirements relating to protection of young people at work contained in Regulation 19) and of Directive 94/33/EC on the protection of young people at work.

15.2 Chemical Safety Assessment

Assessment of safe use has been performed for the mixture and the result is documented in section 7 and 8 of the SDS

SECTION 16: Other information

Full text of H-Statements

H272	: May intensify fire; oxidizer.
H290	: May be corrosive to metals.
H300	: Fatal if swallowed.
H310	: Fatal in contact with skin.
H314	: Causes severe skin burns and eye damage.
H315	: Causes skin irritation.
H318	: Causes serious eye damage.
H319	: Causes serious eye irritation.

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H330 : Fatal if inhaled.
H331 : Toxic if inhaled.
H335 : May cause respiratory irritation.

Full text of other abbreviations

Acute Tox. : Acute toxicity
Eye Dam. : Serious eye damage
Eye Irrit. : Eye irritation
Met. Corr. : Corrosive to Metals
Ox. Liq. : Oxidizing liquids
Skin Corr. : Skin corrosion
Skin Irrit. : Skin irritation
STOT SE : Specific target organ toxicity - single exposure
2000/39/EC : Europe. Commission Directive 2000/39/EC establishing a first
list of indicative occupational exposure limit values
2006/15/EC : Europe. Indicative occupational exposure limit values
GB EH40 : UK. EH40 WEL - Workplace Exposure Limits
2000/39/EC / TWA : Limit Value - eight hours
2000/39/EC / STEL : Short term exposure limit
2006/15/EC / STEL : Short term exposure limit
GB EH40 / TWA : Long-term exposure limit (8-hour TWA reference period)
GB EH40 / STEL : Short-term exposure limit (15-minute reference period)

ADN - European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways; ADR - Agreement concerning the International Carriage of Dangerous Goods by Road; AIIC - Australian Inventory of Industrial Chemicals; ASTM - American Society for the Testing of Materials; bw - Body weight; CLP - Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008; CMR - Carcinogen, Mutagen or Reproductive Toxicant; DIN - Standard of the German Institute for Standardisation; DSL - Domestic Substances List (Canada); ECHA - European Chemicals Agency; EC-Number - European Community number; ECx - Concentration associated

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with x% response; ELx - Loading rate associated with x% response; EmS - Emergency Schedule; ENCS - Existing and New Chemical Substances (Japan); ErCx - Concentration associated with x% growth rate response; GHS - Globally Harmonized System; GLP - Good Laboratory Practice; IARC - International Agency for Research on Cancer; IATA - International Air Transport Association; IBC - International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk; IC50 - Half maximal inhibitory concentration; ICAO - International Civil Aviation Organization; IECSC - Inventory of Existing Chemical Substances in China; IMDG - International Maritime Dangerous Goods; IMO - International Maritime Organization; ISHL - Industrial Safety and Health Law (Japan); ISO - International Organisation for Standardization; KECI - Korea Existing Chemicals Inventory; LC50 - Lethal Concentration to 50 % of a test population; LD50 - Lethal Dose to 50% of a test population (Median Lethal Dose); MARPOL - International Convention for the Prevention of Pollution from Ships; n.o.s. - Not Otherwise Specified; NO(A)EC - No Observed (Adverse) Effect Concentration; NO(A)EL - No Observed (Adverse) Effect Level; NOELR - No Observable Effect Loading Rate; NZIoC - New Zealand Inventory of Chemicals; OECD - Organization for Economic Co-operation and Development; OPPTS - Office of Chemical Safety and Pollution Prevention; PBT - Persistent, Bioaccumulative and Toxic substance; PICCS - Philippines Inventory of Chemicals and Chemical Substances; (Q)SAR - (Quantitative) Structure Activity Relationship; REACH - Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals; RID - Regulations concerning the International Carriage of Dangerous Goods by Rail; SADT - Self-Accelerating Decomposition Temperature; SDS - Safety Data Sheet; SVHC - substance of very high concern; TCSI - Taiwan Chemical Substance Inventory; TECI - Thailand Existing Chemicals Inventory; TSCA - Toxic Substances Control Act (United States); UN - United Nations; UNRTDG - United Nations Recommendations on the Transport of Dangerous Goods; vPvB - Very Persistent and Very Bioaccumulative

Further information

Other information : For multi-pack systems observe material safety data sheets of all components.
Restricted to professional users.

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Classification of the mixture:

Met. Corr. 1	H290
Acute Tox. 3	H301
Acute Tox. 3	H331
Acute Tox. 2	H310
Skin Corr. 1A	H314
Eye Dam. 1	H318

Classification procedure:

Based on product data or assessment
Calculation method
Calculation method
Calculation method
Calculation method
Calculation method

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