# **Safety Data Sheet**

according to Regulation (EC) No. 1907/2006 (REACH)

# **MX 1230, CPS 1230**

Version number: 7.0 Revision: 2023-03-29
Replaces version of: 2017-09-26 (6) First version: 14.11.2012

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

## 1.1 Product identifier

Trade name MX 1230, CPS 1230

Other names or synonyms FK 5-1-12 charged with nitrogen

**Registration number (REACH)**Not relevant (mixture)

CAS number Not relevant (mixture)

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

**Relevant identified uses** Fire extinguishing agent

# 1.3 Details of the supplier of the safety data sheet

Minimax GmbH Telephone: +49 (0) 4531 - 803 0
Industriestrasse 10/12 e-mail: mv\_rd\_spezial@mx-vk.eu
23840 Bad Oldesloe Website: www.minimax.de

Germany

e-mail (competent person) sdb@csb-compliance.com

Please do not use this e-mail address to ask for the latest safety data sheet. For this purpose contact Minimax GmbH.

## 1.4 Emergency telephone number

Emergency information Consultank GmbH +49 (0) 178 433 7434

As above or nearest toxicological information centre.

## **SECTION 2: Hazards identification**

## 2.1 Classification of the substance or mixture

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

# Classification

Section	Hazard class	Category	Hazard class and category	Hazard state- ment
2.5	gas under pressure	С	Press. Gas C	H280
4.1C	hazardous to the aquatic environment - chronic hazard	3	Aquatic Chronic 3	H412

For full text of abbreviations: see SECTION 16

Contains gas under pressure; may explode if heated.

#### **Additional information**

This mixture does not contain any substances that are assessed to be a PBT or a vPvB.

## 2.2 Label elements

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

Signal word warning

**Pictograms** 

GHS04



## **Hazard statements**

H280 Contains gas under pressure; may explode if heated.H412 Harmful to aquatic life with long lasting effects.

## **Precautionary statements**

**P273** Avoid release to the environment.

**P410+P403** Protect from sunlight. Store in a well-ventilated place.

## **Additional labelling requirements**

EIGA-As: Asphyxiant in high concentrations.

EIGA-0783: Contains fluorinated greenhouse gases covered by the Kyoto protocol.

## 2.3 Other hazards

## Results of PBT and vPvB assessment

Does not contain a PBT-/vPvB-substance in a concentration of  $\geq 0.1\%$ .

## **Endocrine disrupting properties**

Does not contain an endocrine disruptor (EDC) in a concentration of  $\geq$  0,1%.

## **SECTION 3: Composition/information on ingredients**

## 3.1 Substances

Not relevant (mixture).

## 3.2 Mixtures

# **Description of the mixture**

Hazardous ingredien	ts			
Name of substance	Identifier	Wt%	Classification acc. to GHS	Pictograms
1,1,1,2,2,4,5,5,5-nona- fluoro-4-(trifluoro- methyl)-3-pentanone	CAS No 756-13-8	75 – < 90	Aquatic Chronic 3 / H412	-
	EC No			

# **Hazardous ingredients**

Name of substance	Identifier	Wt%	Classification acc. to GHS	Pictograms
	436-710-6			
	Index No 606-108-00-X REACH Reg. No 01-0000018239-65- xxxx			
nitrogen	CAS No 7727-37-9 EC No 231-783-9	10 - < 25	Press. Gas C / H280	<b>\( </b>

For full text of H-phrases: see SECTION 16

# **SECTION 4: First aid measures**

## 4.1 Description of first aid measures

#### **General notes**

In all cases of doubt, or when symptoms persist, seek medical advice.

# **Following inhalation**

Provide fresh air.

If breathing is irregular or stopped, immediately seek medical assistance and start first aid actions. Mouth to mouth resuscitation should be avoided. Use alternative methods, preferably with oxygen or compressed air driven apparatus.

## Following skin contact

Wash with plenty of soap and water.

## Following eye contact

Rinse cautiously with water for several minutes.

Remove contact lenses, if present and easy to do. Continue rinsing.

# **Following ingestion**

Rinse mouth. Do not induce vomiting.

Get medical advice/attention if you feel unwell.

#### Notes for the doctor

None.

## 4.2 Most important symptoms and effects, both acute and delayed

This information is not available.

# 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

## 5.2 Special hazards arising from the substance or mixture

Hazardous decomposition products: Section 10.

Contact with the product can cause burns and/or frostbite.

Contains gas under pressure; may explode if heated.

#### **Hazardous combustion products**

carbon monoxide (CO), carbon dioxide (CO2), hydrogen fluoride (HF)

## 5.3 Advice for firefighters

In case of fire and/or explosion do not breathe fumes.

Do not allow firefighting water to enter drains or water courses.

Collect contaminated firefighting water separately.

Fight fire with normal precautions from a reasonable distance.

## Special protective equipment for firefighters

Use suitable breathing apparatus

## **SECTION 6: Accidental release measures**

## 6.1 Personal precautions, protective equipment and emergency procedures

## For non-emergency personnel

Remove persons to safety.

Ventilate affected area.

Wearing of suitable protective equipment (including personal protective equipment referred to under Section 8 of the safety data sheet) to prevent any contamination of skin, eyes and personal clothing.

#### For emergency responders

Wear breathing apparatus if exposed to vapours/dust/spray/gases.

Self-contained breathing apparatus (EN 133).

## 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

Ventilate affected area.

## Other information relating to spills and releases

Place in appropriate containers for disposal.

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## 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

Do not breathe vapour/spray.

## Measures to prevent fire as well as aerosol and dust generation

Use local and general ventilation.

Prevent from heating up above 50 °C/122 °F. Pressurized container: may burst if heated.

## Specific notes/details

None.

## Measures to protect the environment

Avoid release to the environment.

### Advice on general occupational hygiene

Do not eat, drink and smoke in work areas.

# 7.2 Conditions for safe storage, including any incompatibilities

## Flammability hazards

Protect from sunlight.

#### **Incompatible substances or mixtures**

Incompatible materials: see section 10.

# Protect against external exposure, such as

heat

## Consideration of other advice

Keep away from food, drink and animal feeding stuffs.

### **Ventilation requirements**

Provision of sufficient ventilation.

## **Packaging compatibilities**

Only packagings which are approved (e.g. acc. to ADR) may be used.

## 7.3 Specific end use(s)

No information available.

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# **SECTION 8: Exposure controls/personal protection**

# 8.1 Control parameters

# Occupational exposure limit values (Workplace Exposure Limits)

This information is not available

## Relevant DNELs of components of the mixture

Name of sub- stance	CAS No	End- point	Threshol d level	Protection goal, route of exposure	Used in	Exposure time
1,1,1,2,2,4,5,5,5- nonafluoro-4-(tri- fluoromethyl)-3- pentanone	756-13-8	DNEL	83.4 mg/ m³	human, inhalat- ory	worker (industry)	chronic - system- ic effects
1,1,1,2,2,4,5,5,5- nonafluoro-4-(tri- fluoromethyl)-3- pentanone	756-13-8	DNEL	11.8 mg/ kg	human, dermal	worker (industry)	chronic - system- ic effects

# **Relevant PNECs of components of the mixture**

Name of substance	CAS No	Endpoint	Threshold level	Environmental com- partment
1,1,1,2,2,4,5,5,5-nonafluoro-4- (trifluoromethyl)-3-pentanone	756-13-8	PNEC	6.78 <sup>µg</sup> / <sub>l</sub>	freshwater
1,1,1,2,2,4,5,5,5-nonafluoro-4- (trifluoromethyl)-3-pentanone	756-13-8	PNEC	0.678 <sup>µg</sup> / <sub>l</sub>	marine water
1,1,1,2,2,4,5,5,5-nonafluoro-4- (trifluoromethyl)-3-pentanone	756-13-8	PNEC	1 <sup>mg</sup> / <sub>l</sub>	sewage treatment plant (STP)
1,1,1,2,2,4,5,5,5-nonafluoro-4- (trifluoromethyl)-3-pentanone	756-13-8	PNEC	2.67 <sup>mg</sup> / <sub>kg</sub>	freshwater sediment
1,1,1,2,2,4,5,5,5-nonafluoro-4- (trifluoromethyl)-3-pentanone	756-13-8	PNEC	0.267 <sup>mg</sup> / <sub>kg</sub>	marine sediment
1,1,1,2,2,4,5,5,5-nonafluoro-4- (trifluoromethyl)-3-pentanone	756-13-8	PNEC	0.53 <sup>mg</sup> / <sub>kg</sub>	soil

# 8.2 Exposure controls

# **Appropriate engineering controls**

Use local and general ventilation.

Individual protection measures (personal protective equipment)

# **Eye/face protection**

Use protective eyewear to guard against splash of liquids.

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# **Hand protection**

Protective gloves		
Material	Material thickness	Breakthrough times of the glove material
data are not available	data are not available	data are not available

## **Respiratory protection**

In case of inadequate ventilation wear respiratory protection. Self-contained breathing apparatus (EN 133).

## **Environmental exposure controls**

Use appropriate container to avoid environmental contamination. 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 liquid

pressurized (nitrogen)

**Colour** colourless

**Odour** odourless

Melting point/freezing point not applicable

Boiling point or initial boiling point and boiling 49 °C

range

**Flammability** non-combustible

Lower and upper explosion limit not determined

**Flash point** not determined

Auto-ignition temperature not determined

**Decomposition temperature** not relevant

pH (value) not relevant

**Viscosity** not relevant

Solubility(ies)

Water solubility insoluble

Partition coefficient n-octanol/water (log value) not determined

**Vapour pressure** not determined

# Density and/or relative density

Density  $1.6 \, {}^{9}/_{cm^3}$  at 20  ${}^{\circ}\text{C}$ 

Relative vapour density this information is not available

Particle characteristics not relevant

(gaseous)

there is no additional information

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

This material is not reactive under normal ambient conditions.

If heated:

Gas under pressure. Danger of bursting container.

## 10.2 Chemical stability

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

See below "Conditions to avoid".

## 10.3 Possibility of hazardous reactions

No known hazardous reactions.

## 10.4 Conditions to avoid

Contains gas under pressure; may explode if heated.

# 10.5 Incompatible materials

bases, amine

## 10.6 Hazardous decomposition products

Carbon monoxide (CO).

Carbon dioxide (CO2).

Hydrogen fluoride (HF).

# **SECTION 11: Toxicological information**

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

#### **Classification procedure**

If not otherwise specified the classification is based on:

Ingredients of the mixture (additivity formula).

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

## **Acute toxicity**

Test data are not available for the complete mixture.

## Acute toxicity of components of the mixture

Name of substance	CAS No	Exposure route	Endpoint	Value	Species	Method
1,1,1,2,2,4,5,5,5-nonafluoro- 4-(trifluoromethyl)-3-pentan- one	756-13-8	oral	LD50	>2,000 <sup>mg</sup> /	rat	-
1,1,1,2,2,4,5,5,5-nonafluoro- 4-(trifluoromethyl)-3-pentan- one	756-13-8	dermal	LD50	>2,000 <sup>mg</sup> /	rat	-

#### Skin corrosion/irritation

Classification could not be established because:

Data are lacking, inconclusive, or conclusive but not sufficient for classification.

# Serious eye damage/eye irritation

Classification could not be established because:

Data are lacking, inconclusive, or conclusive but not sufficient for classification.

## Respiratory or skin sensitisation

#### Skin sensitisation

Classification could not be established because:

Data are lacking, inconclusive, or conclusive but not sufficient for classification.

## **Respiratory sensitisation**

Classification could not be established because:

Data are lacking, inconclusive, or conclusive but not sufficient for classification.

## Germ cell mutagenicity

Classification could not be established because:

Data are lacking, inconclusive, or conclusive but not sufficient for classification.

## Carcinogenicity

Classification could not be established because:

Data are lacking, inconclusive, or conclusive but not sufficient for classification.

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# **Reproductive toxicity**

Classification could not be established because:

Data are lacking, inconclusive, or conclusive but not sufficient for classification.

## Specific target organ toxicity - single exposure

Classification could not be established because:

Data are lacking, inconclusive, or conclusive but not sufficient for classification.

## Specific target organ toxicity - repeated exposure

Classification could not be established because:

Data are lacking, inconclusive, or conclusive but not sufficient for classification.

## **Aspiration hazard**

Shall not be classified as presenting an aspiration hazard.

#### Other information

Asphyxiant gas, may displace oxygen and cause rapid suffocation.

## 11.2 Information on other hazards

## **Endocrine disrupting properties**

Does not contain an endocrine disruptor (EDC) in a concentration of  $\geq$  0,1%.

## **SECTION 12: Ecological information**

## 12.1 Toxicity

## Aquatic toxicity (acute)

Test data are not available for the complete mixture.

## Aquatic toxicity (acute) of components of the mixture

Name of sub- stance	CAS No	Endpoint	Value	Species	Method	Expos- ure time
1,1,1,2,2,4,5,5,5- nonafluoro-4-(tri- fluoromethyl)-3- pentanone	756-13-8	LC50	>1,070 <sup>mg</sup> / <sub>l</sub>	fathead minnow (Pimephales pro- melas)	-	96 h
1,1,1,2,2,4,5,5,5- nonafluoro-4-(tri- fluoromethyl)-3- pentanone	756-13-8	EC50	>1,080 <sup>mg</sup> / <sub>I</sub>	daphnia magna	-	48 h

# **Aquatic toxicity (chronic)**

Harmful to aquatic life with long lasting effects.

Test data are not available for the complete mixture.

## 12.2 Persistence and degradability

## **Biodegradation**

No data available.

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# Degradability of components of the mixture

Name of sub- stance	CAS No	Process	Degradation rate	Time	Method
1,1,1,2,2,4,5,5,5- nonafluoro-4-(tri- fluoromethyl)-3- pentanone	756-13-8	carbon dioxide generation	1.8 - 3.4 %	28 d	-

#### **Persistence**

No data available.

## 12.3 Bioaccumulative potential

Test data are not available for the complete mixture.

## Bioaccumulative potential of components of the mixture

Name of substance	CAS No	BCF	Log KOW
1,1,1,2,2,4,5,5,5-nona- fluoro-4-(trifluoromethyl)-3- pentanone	756-13-8	4.8	3.08 (30 °C)
nitrogen	7727-37-9	-	0.67

## 12.4 Mobility in soil

No data available.

#### 12.5 Results of PBT and vPvB assessment

Does not contain a PBT-/vPvB-substance in a concentration of  $\geq 0.1\%$ .

## 12.6 Endocrine disrupting properties

Does not contain an endocrine disruptor (EDC) in a concentration of  $\geq$  0,1%.

## 12.7 Other adverse effects

Global warming potential 1

## **Remarks**

Wassergefährdungsklasse, WGK (water hazard class): 1

## **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 to an authorized waste treatment facility.

# Sewage disposal-relevant information

Do not empty into drains.

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## Waste treatment of containers/packagings

Completely emptied packages can be recycled.

Handle contaminated packages in the same way as the substance itself.

#### **Remarks**

Please consider the relevant national or regional provisions.

## **SECTION 14: Transport information**

## 14.1 UN number or ID number

ADR/RID/ADN UN3500
IMDG-Code UN3500
ICAO-TI UN3500

14.2 UN proper shipping name

ADR/RID/ADN CHEMICAL UNDER PRESSURE, N.O.S.

IMDG-Code CHEMICAL UNDER PRESSURE, N.O.S.

**ICAO-TI** Chemical under pressure, n.o.s.

Technical name (hazardous ingredients) NITROGEN

14.3 Transport hazard class(es)

ADR/RID/ADN 2 (2.2)
IMDG-Code 2.2
ICAO-TI 2.2

14.4 Packing group -

14.5 Environmental hazards -

14.6 Special precautions for user -

14.7 Maritime transport in bulk according to IMO -

instruments

# 14.8 Information for each of the UN Model Regulations

# Transport of dangerous goods by road, rail and inland waterway (ADR/RID/ADN) Additional information

Particulars in the transport document UN3500, CHEMICAL UNDER PRESSURE, N.O.S.,

(NITROGEN), 2.2, (C/E)

Classification code 8A

Danger label(s) 2.2



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Special provisions (SP) 274, 659

Excepted quantities (EQ) E0

Limited quantities (LQ) 0

Transport category (TC) 3

Tunnel restriction code (TRC) C/E

Hazard identification No 20

European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways (ADN) Additional information

Number of cones/blue lights 1

International Maritime Dangerous Goods Code (IMDG) Additional information

Marine pollutant 
Danger label(s) 2.2

2

Special provisions (SP) 274, 362

Excepted quantities (EQ) E0

Limited quantities (LQ) 0

EmS F-C, S-V

Stowage category B

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

Danger label(s) 2.2



Special provisions (SP) A187

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)** 

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## Restrictions according to REACH, Annex XVII

Name	Name acc. to inventory	CAS No	Restriction
1,1,1,2,2,4,5,5,5-nonafluoro-4-(trifluoro- methyl)-3-pentanone	this product meets the criteria for classification in accordance with Regulation No 1272/2008/EC	-	R3

#### Legend

- R3
- 1. Shall not be used in:
- ornamental articles intended to produce light or colour effects by means of different phases, for example in ornamental lamps and ashtrays,
- tricks and jokes,
- games for one or more participants, or any article intended to be used as such, even with ornamental aspects,
- 2. Articles not complying with paragraph 1 shall not be placed on the market.
- 3. Shall not be placed on the market if they contain a colouring agent, unless required for fiscal reasons, or perfume, or both, if they:
- can be used as fuel in decorative oil lamps for supply to the general public, and
- present an aspiration hazard and are labelled with H304.
- 4. Decorative oil lamps for supply to the general public shall not be placed on the market unless they conform to the European Standard on Decorative oil lamps (EN 14059) adopted by the European Committee for Standardisation (CEN).
- 5. Without prejudice to the implementation of other Union provisions relating to the classification, labelling and packaging of substances and mixtures, suppliers shall ensure, before the placing on the market, that the following requirements are met:
- (a) lamp oils, labelled with H304, intended for supply to the general public are visibly, legibly and indelibly marked as follows: "Keep lamps filled with this liquid out of the reach of children"; and, by 1 December 2010, "Just a sip of lamp oil or even sucking the wick of lamps may lead to life-threatening lung damage";
- (b) grill lighter fluids, labelled with H304, intended for supply to the general public are legibly and indelibly marked by 1 December 2010 as follows: 'Just a sip of grill lighter fluid may lead to life threatening lung damage'; (c) lamps oils and grill lighters, labelled with H304, intended for supply to the general public are packaged in black opaque containers not exceeding 1 litre by 1 December 2010.';

## List of substances subject to authorisation (REACH, Annex XIV) / SVHC - candidate list

None of the ingredients are listed.

## **Seveso Directive**

Not assigned.

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

None of the ingredients are listed.

## Regulation on the marketing and use of explosives precursors

None of the ingredients are listed.

## Regulation on drug precursors

None of the ingredients are listed.

# Regulation on substances that deplete the ozone layer (ODS)

None of the ingredients are listed.

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

None of the ingredients are listed.

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# Regulation on persistent organic pollutants (POP)

None of the ingredients are listed.

# 15.2 Chemical Safety Assessment

No Chemical Safety Assessment has been carried out for this mixture by the supplier.

# **SECTION 16: Other information**

# Indication of changes (revised safety data sheet)

Section	Former entry (text/value)	Actual entry (text/value)
1.1	Other names or synonyms: Novec ™ 1230 (FK 5-1-12) charged with nitrogen	Other names or synonyms: FK 5-1-12 charged with nitrogen
2.3	Results of PBT and vPvB assessment: This mixture does not contain any substances that are assessed to be a PBT or a vPvB.	Results of PBT and vPvB assessment:  Does not contain a PBT-/vPvB-substance in a concentration of ≥ 0,1%.

# **Abbreviations and acronyms**

Abbr.	Descriptions of used abbreviations
ADN	Accord européen relatif au transport international des marchandises dangereuses par voies de navigation intérieures (European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways)
ADR	Accord relatif au transport international des marchandises dangereuses par route (Agreement con- cerning the International Carriage of Dangerous Goods by Road)
ADR/RID/ADN	Agreements concerning the International Carriage of Dangerous Goods by Road/Rail/Inland Waterways (ADR/RID/ADN)
Aquatic Chron- ic	Hazardous to the aquatic environment - chronic hazard
BCF	Bioconcentration factor
CAS	Chemical Abstracts Service (service that maintains the most comprehensive list of chemical substances)
CLP	Regulation (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures
DGR	Dangerous Goods Regulations (see IATA/DGR)
DNEL	Derived No-Effect Level
EC50	Effective Concentration 50 %. The EC50 corresponds to the concentration of a tested substance causing 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 identifier of substances commercially available within the EU (European Union)
EINECS	European Inventory of Existing Commercial Chemical Substances
ELINCS	European List of Notified Chemical Substances
EmS	Emergency Schedule

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Abbr.	Descriptions of used abbreviations
GHS	"Globally Harmonized System of Classification and Labelling of Chemicals" developed by the United  Nations
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
index No	The Index number is the identification code given to the substance in Part 3 of Annex VI to Regulation (EC) No 1272/2008
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
log KOW	n-Octanol/water
NLP	No-Longer Polymer
PBT	Persistent, Bioaccumulative and Toxic
PNEC	Predicted No-Effect Concentration
Press. Gas	Gas under pressure
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)
SVHC	Substance of Very High Concern
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).

Transport of dangerous goods by road, rail and inland waterway (ADR/RID/ADN).

International Maritime Dangerous Goods Code (IMDG).

Dangerous Goods Regulations (DGR) for the air transport (IATA).

# **Classification procedure**

Physical and chemical properties.

Health hazards.

Environmental hazards.

The method for classification of the mixture is based on ingredients of the mixture (additivity formula).

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# **MX 1230, CPS 1230**

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

Code	Text
H280	Contains gas under pressure; may explode if heated.
H412	Harmful to aquatic life with long lasting effects.

## Responsible for the safety data sheet

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#### Disclaimer

This information is based upon the present state of our knowledge.

This SDS has been compiled and is solely intended for this product.

This safety data sheet is for information only and does not comply with the official language requirements of article 31 (5) of REACH.

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