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Meccano	Revision nr. 3	
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	-	CH - Regulation 2015/830
SECTION 1. Identification of the subs	stance/mixture a	and of the company/undertaking
1.1. Product identifier		
Code:	411 00 13400-2720	
Product name	RADIATOR LIQUID D	DESCALER
1.2. Relevant identified uses of the substance or m Intended use Liquid for cleaning an	nixture and uses advis nd descaling of car rac	
1.3. Details of the supplier of the safety data sheet		
Name Full address	Meccanocar Italia S. Via San Francesco, 2	
District and Country	56033 Capannoli (PI)	
	Tel. +39 0587 609433 Fax +39 0587 607145	
e-mail address of the competent person	Fax +39 0367 007 143	
responsible for the Safety Data Sheet	moreno.meini@meco	canocar it
responsible for the Galety Data Gheet	moreno.menn@meco	
1.4. Emergency telephone number		
For urgent inquiries refer to	National Poisons Info	ormation Service: +44 121 507 4123
SECTION 2. Hazards identification		
2.1. Classification of the substance or mixture		
The product is classified as hazardous pursuant to th supplements). The product thus requires a safety datash Any additional information concerning the risks for healt	heet that complies with	
Hazard classification and indication:		
Eye irritation, category 2	H319	Causes serious eye irritation.
Skin irritation, category 2	H315	Causes skin irritation.

## 2.2. Label elements

Hazard labelling pursuant to EC Regulation 1272/2008 (CLP) and subsequent amendments and supplements.

Hazard pictograms:

	Nieccanoca	ar Italia S.r.I.	Revision nr. 3
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•			
$\checkmark$			
Signal words:	Warning		
lazard statements:			
	Causes serious eye irritation.		
Precautionary statements:			
-	Wear protective gloves / eye	protection / face protection	
	Wash hands thoroughly after		
P301+P312 P305+P351+P338	Keep out of reach of children. IF SWALLOWED: Call a POISON CENTER / doctor if you feel unwell. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.		
	-		
.3. Other hazards	a the product does not conta	in any PRT or vPvR in percentage greater than 0.1%	
<b>.3. Other hazards</b> On the basis of available data		in any PBT or vPvB in percentage greater than 0,1%.	
<b>.3. Other hazards</b> On the basis of available data	a, the product does not conta		
<b>.3. Other hazards</b> On the basis of available data			
.3. Other hazards On the basis of available data SECTION 3. Comp 3.2. Mixtures			
.3. Other hazards on the basis of available data SECTION 3. Comp 3.2. Mixtures			
3. Other hazards on the basis of available data SECTION 3. Comp 3.2. Mixtures contains: Identification PHOSPHORIC ACID CAS 7664-38-2	osition/information	on ingredients	
.3. Other hazards on the basis of available data SECTION 3. Comp 3.2. Mixtures contains: Identification PHOSPHORIC ACID CAS 7664-38-2 EC 231-633-2	osition/information x = Conc. %	on ingredients Classification 1272/2008 (CLP) Met. Corr. 1 H290, Acute Tox. 4 H302, Skin Corr. 1B H	
3. Other hazards on the basis of available data SECTION 3. Comp 3.2. Mixtures contains: Identification PHOSPHORIC ACID CAS 7664-38-2 EC 231-633-2 INDEX 015-011-00-6	osition/information x = Conc. % 12 ≤ x < 13,5	on ingredients Classification 1272/2008 (CLP) Met. Corr. 1 H290, Acute Tox. 4 H302, Skin Corr. 1B H	
3. Other hazards In the basis of available data SECTION 3. Comp 3.2. Mixtures Identification PHOSPHORIC ACID CAS 7664-38-2 EC 231-633-2 INDEX 015-011-00-6 Reg. no. 01-2119485924-	osition/information x = Conc. % 12 ≤ x < 13,5	on ingredients Classification 1272/2008 (CLP) Met. Corr. 1 H290, Acute Tox. 4 H302, Skin Corr. 1B H	
.3. Other hazards On the basis of available data SECTION 3. Comp 3.2. Mixtures Contains: Identification PHOSPHORIC ACID CAS 7664-38-2 EC 231-633-2 INDEX 015-011-00-6	osition/information x = Conc. % 12 ≤ x < 13,5	on ingredients Classification 1272/2008 (CLP) Met. Corr. 1 H290, Acute Tox. 4 H302, Skin Corr. 1B H H318, Classification note according to Annex VI to the	CLP Regulation: B
.3. Other hazards On the basis of available data SECTION 3. Comp 3.2. Mixtures Contains: Identification PHOSPHORIC ACID CAS 7664-38-2 EC 231-633-2 INDEX 015-011-00-6 Reg. no. 01-2119485924- SULPHAMIC ACID	osition/information	on ingredients Classification 1272/2008 (CLP) Met. Corr. 1 H290, Acute Tox. 4 H302, Skin Corr. 1B H	CLP Regulation: B
.3. Other hazards On the basis of available data SECTION 3. Comp 3.2. Mixtures Contains: Identification PHOSPHORIC ACID CAS 7664-38-2 EC 231-633-2 INDEX 015-011-00-6 Reg. no. 01-2119485924- SULPHAMIC ACID CAS 5329-14-6	osition/information	on ingredients Classification 1272/2008 (CLP) Met. Corr. 1 H290, Acute Tox. 4 H302, Skin Corr. 1B H H318, Classification note according to Annex VI to the	CLP Regulation: B

# **SECTION 4. First aid measures**

4.1. Description of first aid measures

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EYES: Remove contact lenses, if present. Wash immediately with plenty of water for at least 30-60 minutes, opening the eyelids fully. Get medical advice/attention.

SKIN: Remove contaminated clothing. Rinse skin with a shower immediately. Get medical advice/attention.

INGESTION: Have the subject drink as much water as possible. Get medical advice/attention. Do not induce vomiting unless explicitly authorised by a doctor.

INHALATION: Get medical advice/attention immediately. Remove victim to fresh air, away from the accident scene. If the subject stops breathing, administer artificial respiration. Take suitable precautions for rescue workers.

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

Specific information on symptoms and effects caused by the product are unknown.

#### 4.3. Indication of any immediate medical attention and special treatment needed

Information not available

## **SECTION 5. Firefighting measures**

### 5.1. Extinguishing media

SUITABLE EXTINGUISHING EQUIPMENT The extinguishing equipment should be of the conventional kind: carbon dioxide, foam, powder and water spray. UNSUITABLE EXTINGUISHING EQUIPMENT None in particular.

### 5.2. Special hazards arising from the substance or mixture

HAZARDS CAUSED BY EXPOSURE IN THE EVENT OF FIRE Do not breathe combustion products.

### 5.3. Advice for firefighters

GENERAL INFORMATION

Use jets of water to cool the containers to prevent product decomposition and the development of substances potentially hazardous for health. Always wear full fire prevention gear. Collect extinguishing water to prevent it from draining into the sewer system. Dispose of contaminated water used for extinction and the remains of the fire according to applicable regulations.

SPECIAL PROTECTIVE EQUIPMENT FOR FIRE-FIGHTERS

Normal fire fighting clothing i.e. fire kit (BS EN 469), gloves (BS EN 659) and boots (HO specification A29 and A30) in combination with self-contained open circuit positive pressure compressed air breathing apparatus (BS EN 137).

## **SECTION 6.** Accidental release measures

#### 6.1. Personal precautions, protective equipment and emergency procedures

Block the leakage if there is no hazard.

Wear 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. These indications apply for both processing staff and those involved in emergency procedures.

#### 6.2. Environmental precautions

The product must not penetrate into the sewer system or come into contact with surface water or ground water.

### 6.3. Methods and material for containment and cleaning up

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Collect the leaked product into a suitable container. Evaluate the compatibility of the container to be used, by checking section 10. Absorb the remainder with inert absorbent material.

Make sure the leakage site is well aired. Contaminated material should be disposed of in compliance with the provisions set forth in point 13.

#### 6.4. Reference to other sections

Any information on personal protection and disposal is given in sections 8 and 13.

# **SECTION 7. Handling and storage**

#### 7.1. Precautions for safe handling

Ensure that there is an adequate earthing system for the equipment and personnel. Avoid contact with eyes and skin. Do not breathe powders, vapours or mists. Do not eat, drink or smoke during use. Wash hands after use. Avoid leakage of the product into the environment.

#### 7.2. Conditions for safe storage, including any incompatibilities

Store only in the original container. Store in a ventilated and dry place, far away from sources of ignition. Keep containers well sealed. Keep the product in clearly labelled containers. Avoid overheating. Avoid violent blows. Keep containers away from any incompatible materials, see section 10 for details.

#### 7.3. Specific end use(s)

Information not available

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

### 8.1. Control parameters

Regulatory References:

ESP	España	LÍMITES DE EXPOSICIÓN PROFESIONAL PARA AGENTES QUÍMICOS EN ESPAÑA 2019 (INSST)
FRA	France	Valeurs limites d'exposition professionnelle aux agents chimiques en France. ED 984 - INRS
GBR	United Kingdom	EH40/2005 Workplace exposure limits (Third edition, published 2018)
ITA	Italia	DIRETTIVA (UE) 2017/164 DELLA COMMISSIONE del 31 gennaio 2017
NOR	Norge	Fastsatt av Arbeids- og sosialdepartementet 21. august 2018 med hjemmel i lov 17. juni 2005 nr. 62 om
		arbeidsmiljø, arbeidstid, stillingsvern mv. (arbeidsmiljøloven) § 1-3, § 1-4 og § 4-5
PRT	Portugal	Ministério da Economia e do Emprego Consolida as prescrições mínimas em matéria de protecção dos trabalhadores contra os riscos para a seguranca e a saúde devido à exposição a agentes guímicos no
		trabalho - Diário da República, 1.ª série - N.º 111 - 11 de junho de 2018
EU	OEL EU	Directive (EU) 2017/2398; Directive (EU) 2017/164; Directive 2009/161/EU; Directive 2006/15/EC; Directive 2004/37/EC; Directive 2000/39/EC; Directive 91/322/EEC.
	TLV-ACGIH	ACGIH 2019

## PHOSPHORIC ACID

Туре	Country	TWA/8h		STEL/15min		Remarks / Observations	
		mg/m3	ppm	mg/m3	ppm		
VLA	ESP	1		2			
VLEP	FRA	1	0,2	2	0,5		
WEL	GBR	1		2			
VLEP	ITA	1		2			
TLV	NOR	1					

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VLE	PRT	1		2				
OEL	EU	1		2				
TLV-ACGIH		1		3				
Health - Derived no-effect le		MEL						
	Effects on consumers				Effects on workers			
Route of exposure	Acute local	Acute systemic	Chronic local	Chronic systemic	Acute local	Acute systemic	Chronic local	Chronic systemic
Oral				0,1 mg/kg bw/d		-		
Inhalation			0,36 mg/m3	4,57 mg/m3	2 mg/m3		1 mg/m3	10,7 mg/m3
SULPHAMIC ACID								
Predicted no-effect concentration	- PNEC							
Normal value in fresh water				1,8	mg	g/l		
Normal value in marine water				0,18	mg	g/l		
Normal value for fresh water sedi	ment			8,36	mg	j/kg		
Normal value for marine water se	diment			0,84	mg	j/kg		
Normal value of STP microorgani	sms			20	mg	g/l		
Normal value for the terrestrial co	mpartment			5	mg	j/kg		
Health - Derived no-effect le		MEL						
	Effects on consumers				Effects on workers			
Route of exposure	Acute local	Acute systemic	Chronic local	Chronic systemic	Acute local	Acute systemic	Chronic local	Chronic systemic
Oral				5 mg/kg bw/d				
Inhalation				17,4 mg/m3				70,5 mg/m3
Skin				5 mg/kg bw/d				10 mg/kg bw/d

Legend:

(C) = CEILING ; INHAL = Inhalable Fraction ; RESP = Respirable Fraction ; THORA = Thoracic Fraction.

VND = hazard identified but no DNEL/PNEC available ; NEA = no exposure expected ; NPI = no hazard identified.

#### 8.2. Exposure controls

As the use of adequate technical equipment must always take priority over personal protective equipment, make sure that the workplace is well aired through effective local aspiration.

When choosing personal protective equipment, ask your chemical substance supplier for advice.

Personal protective equipment must be CE marked, showing that it complies with applicable standards.

Provide an emergency shower with face and eye wash station.

#### HAND PROTECTION

Protect hands with category III work gloves (see standard EN 374).

The following should be considered when choosing work glove material: compatibility, degradation, failure time and permeability.

The work gloves' resistance to chemical agents should be checked before use, as it can be unpredictable. The gloves' wear time depends on the duration and type of use.

SKIN PROTECTION

Wear category II professional long-sleeved overalls and safety footwear (see Regulation 2016/425 and standard EN ISO 20344). Wash body with soap and water after removing protective clothing.

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### EYE PROTECTION

Wear airtight protective goggles (see standard EN 166).

### RESPIRATORY PROTECTION

If the threshold value (e.g. TLV-TWA) is exceeded for the substance or one of the substances present in the product, use a mask with a type A filter whose class (1, 2 or 3) must be chosen according to the limit of use concentration. (see standard EN 14387). In the presence of gases or vapours of various kinds and/or gases or vapours containing particulate (aerosol sprays, fumes, mists, etc.) combined filters are required.

Respiratory protection devices must be used if the technical measures adopted are not suitable for restricting the worker's exposure to the threshold values considered. The protection provided by masks is in any case limited.

If the substance considered is odourless or its olfactory threshold is higher than the corresponding TLV-TWA and in the case of an emergency, wear open-circuit compressed air breathing apparatus (in compliance with standard EN 137) or external air-intake breathing apparatus (in compliance with standard EN 138). For a correct choice of respiratory protection device, see standard EN 529.

#### ENVIRONMENTAL EXPOSURE CONTROLS

The emissions generated by manufacturing processes, including those generated by ventilation equipment, should be checked to ensure compliance with environmental standards.

PHOSPHORIC ACID

Wear suitable gloves (neoprene gloves)

## **SECTION 9.** Physical and chemical properties

#### 9.1. Information on basic physical and chemical properties

Appearance	liquid
Colour	dark brown
Odour	characteristic
Odour threshold	Not available
рН	<5
Melting point / freezing point	< -3 °C
Initial boiling point	> 100 °C
Boiling range	Not available
Flash point	> 60 °C
Evaporation rate	Not available
Flammability (solid, gas)	Not available
Lower inflammability limit	Not available
Upper inflammability limit	Not available
Lower explosive limit	Not available
Upper explosive limit	Not available
Vapour pressure	Not available
Vapour density	Not available
Relative density	Not available
Solubility	insoluble in water
Partition coefficient: n-octanol/water	Not available
Auto-ignition temperature	> 200 °C
Decomposition temperature	Not available

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Viscosity	10-11 mm2/s
Explosive properties	Not available
Oxidising properties	Not available

### 9.2. Other information

Information not available

## **SECTION 10. Stability and reactivity**

#### 10.1. Reactivity

There are no particular risks of reaction with other substances in normal conditions of use.

### PHOSPHORIC ACID

Decomposes at temperatures above 200°C/392°F.

SULPHAMIC ACID

Decomposes at 205°C/401°F.

## 10.2. Chemical stability

The product is stable in normal conditions of use and storage.

## 10.3. Possibility of hazardous reactions

No hazardous reactions are foreseeable in normal conditions of use and storage.

PHOSPHORIC ACID

Risk of explosion on contact with: nitromethane.May react dangerously with: alkalis,sodium borohydride.

Exothermic reaction with water. Reacts violently with strong alkalis. In contact with reactive metals (such as steel, carbon and aluminum) it can produce hydrogen. High temperature formation of phosphorus oxides.

## SULPHAMIC ACID

Risk of explosion on contact with: chlorine.Reacts violently with: nitrates,metal nitrites.

A dangerous reaction in aqueous solution can occur with chlorine, hypochlorous acid, hypochlorites, cyanides or sulphides.

## 10.4. Conditions to avoid

None in particular. However the usual precautions used for chemical products should be respected.

### 10.5. Incompatible materials

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## PHOSPHORIC ACID

Incompatible with: metals, strong alkalis, aldehydes, organic sulphides, peroxides.

SULPHAMIC ACID

Incompatible with: chlorine, nitric acid, nitrates, sodium nitrite, potassium nitrites.

### 10.6. Hazardous decomposition products

PHOSPHORIC ACID

May develop: phosphoryl oxides.

SULPHAMIC ACID

May develop: sulphur oxides, nitric oxide.

It decomposes with heat at 209 °C / 408 °F to release sulfur dioxide, sulfur trioxide and ammonia gas.

## **SECTION 11. Toxicological information**

### 11.1. Information on toxicological effects

Metabolism, toxicokinetics, mechanism of action and other information

Information not available

Information on likely routes of exposure

Information not available

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Information not available

Interactive effects

Information not available

ACUTE TOXICITY

LC50 (Inhalation) of the mixture: Not classified (no significant component) LD50 (Oral) of the mixture: >2000 mg/kg LD50 (Dermal) of the mixture: Not classified (no significant component)

SULPHAMIC ACID

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Method: OECD 402 Reliability: 1 Species: Rat (Sprague-Dawley; male / female) Route of exposure: Dermal Results: LD50> 2000 mg / kg bw

### **SKIN CORROSION / IRRITATION**

Causes skin irritation

SERIOUS EYE DAMAGE / IRRITATION

Causes serious eye irritation

### RESPIRATORY OR SKIN SENSITISATION

Does not meet the classification criteria for this hazard class

GERM CELL MUTAGENICITY

Does not meet the classification criteria for this hazard class

PHOSPHORIC ACID

Method: OECD 471 in vitro test Reliability: 1 Species: S. typhimurium, E. Coli Results: Negative with and without metabolic activation

SULPHAMIC ACID

Method: OECD 402 Reliability: 1 Species: Rat (Sprague-Dawley; male / female) Route of exposure: Dermal Results: LD50> 2000 mg / kg bw

### CARCINOGENICITY

Does not meet the classification criteria for this hazard class

REPRODUCTIVE TOXICITY

Does not meet the classification criteria for this hazard class

Adverse effects on sexual function and fertility PHOSPHORIC ACID

Method: OECD Combined Repeated Dose and Reproductive / Developmental Toxicity Screening Test Reliability: 1 Species: Rat (Sprague-Dawley; male / female) Route of exposure: Oral Results: Negative, NOAEL (fertility)> = 500 mg / kg bw / day

Adverse effects on development of the offspring PHOSPHORIC ACID

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Method: Equivalent or similar to OECD 414 Reliability: 2 Species: Mouse (CD-1) Route of exposure: Oral Results: Negative, NOAEL (development)> = 370 mg / kg bw / day

SULPHAMIC ACID

Method: OECD 414 Reliability: 1 Species: Rat Route of exposure: Oral Results: Positive, NOAEL (development) = 200 mg / kg bw / day

STOT - SINGLE EXPOSURE

Does not meet the classification criteria for this hazard class

PHOSPHORIC ACID

Based on available data and through expert judgment, the substance is not classified in the target organ toxicity class for single exposure.

SULPHAMIC ACID

Based on available data and through expert judgment, the substance is not classified in the target organ toxicity class for single exposure.

### STOT - REPEATED EXPOSURE

Does not meet the classification criteria for this hazard class

PHOSPHORIC ACID

Method: Not indicated Reliability: 2 Species: Rat Route of exposure: Oral Results: Negative

SULPHAMIC ACID

Method: OECD 414 Reliability: 1 Species: Rat Route of exposure: Oral Results: Positive, NOAEL (development) = 200 mg / kg bw / day

ASPIRATION HAZARD

Does not meet the classification criteria for this hazard class

## **SECTION 12. Ecological information**

12.1. Toxicity

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PHOSPHORIC ACID	
EC50 - for Crustacea	100 mg/l/48h
EC50 - for Algae / Aquatic Plants	100 mg/l/72h
EC10 for Algae / Aquatic Plants	100 mg/l/72h
Chronic NOEC for Algae / Aquatic Plants	100 mg/l
SULPHAMIC ACID	
LC50 - for Fish	70,3 mg/l/96h
EC50 - for Crustacea	71,6 mg/l/48h
EC50 - for Algae / Aquatic Plants	48 mg/l/72h
EC10 for Algae / Aquatic Plants	18 mg/l/72h
Chronic NOEC for Algae / Aquatic Plants	18 mg/l
12.2. Persistence and degradability	
PHOSPHORIC ACID	
Solubility in water	> 850000 mg/l
Degradability: information not available	-
SULPHAMIC ACID	
	· 10000 ma/
Solubility in water	> 10000 mg/l
Degradability: information not available	
12.3. Bioaccumulative potential	
Information not available	
12.4. Mobility in soil	
Information not available	
12.5. Results of PBT and vPvB assessment	

On the basis of available data, the product does not contain any PBT or vPvB in percentage greater than 0,1%.

#### 12.6. Other adverse effects

Information not available

# **SECTION 13. Disposal considerations**

## 13.1. Waste treatment methods

Reuse, when possible. Product residues should be considered special hazardous waste. The hazard level of waste containing this product should be evaluated according to applicable regulations.

Disposal must be performed through an authorised waste management firm, in compliance with national and local regulations.

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Waste transportation may be subject to ADR restrictions.

CONTAMINATED PACKAGING

Contaminated packaging must be recovered or disposed of in compliance with national waste management regulations.

PHOSPHORIC ACID

The neutralized liquid can be poured in compliance with the normative legislation (the law regulates the emptying of waste water containing phosphorus). The waste from the containers or the used container itself must be disposed of in accordance with local requirements. Sodium carbonate, calcium carbonate and slaked lime (calcium hydroxide) can be used as neutralizing agents for the material

which cannot be eliminated.

If phosphoric acid is used in the reactions of aqueous solutions, rinse the drum three times with water.

Respect local regulations for disposal.

### SULPHAMIC ACID

Recycle if possible. Consult your local or regional authorities. With large quantities of water for the wastewater treatment system. It can be neutralized with lime or sodium carbonate. Comply with federal, state and local regulations for the disposal of the substance.

## **SECTION 14. Transport information**

## 14.1. UN number

ADR / RID, IMDG, 1805 IATA:

### 14.2. UN proper shipping name

ADR / RID:	PHOSPHORIC ACID, SOLUTION
IMDG:	PHOSPHORIC ACID, SOLUTION
IATA:	PHOSPHORIC ACID, SOLUTION

### 14.3. Transport hazard class(es)

ADR / RID:	Class: 8	Label: 8
IMDG:	Class: 8	Label: 8
IATA:	Class: 8	Label: 8



### 14.4. Packing group

ADR / RID, IMDG, III IATA:

### 14.5. Environmental hazards

ADR / RID:	NO
IMDG:	NO
IATA:	NO

### 14.6. Special precautions for user

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workers' health and safety are modest and that the 98/24/EC directive is respected.

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### 15.2. Chemical safety assessment

A chemical safety assessment has not been performed for the preparation/for the substances indicated in section 3.

## **SECTION 16. Other information**

Text of hazard (H) indications mentioned in section 2-3 of the sheet:

Met. Corr. 1	Substance or mixture corrosive to metals, category 1
Acute Tox. 4	Acute toxicity, category 4
Skin Corr. 1B	Skin corrosion, category 1B
Eye Irrit. 2	Eye irritation, category 2
Skin Irrit. 2	Skin irritation, category 2
Aquatic Chronic 3	Hazardous to the aquatic environment, chronic toxicity, category 3
H290	May be corrosive to metals.
H302	Harmful if swallowed.
H314	Causes severe skin burns and eye damage.
H319	Causes serious eye irritation.
H315	Causes skin irritation.
H412	Harmful to aquatic life with long lasting effects.

LEGEND:

- ADR: European Agreement concerning the carriage of Dangerous goods by Road
- CAS NUMBER: Chemical Abstract Service Number
- CE50: Effective concentration (required to induce a 50% effect)
- CE NUMBER: Identifier in ESIS (European archive of existing substances)
- CLP: EC Regulation 1272/2008
- DNEL: Derived No Effect Level
- EmS: Emergency Schedule
- GHS: Globally Harmonized System of classification and labeling of chemicals
- IATA DGR: International Air Transport Association Dangerous Goods Regulation
- IC50: Immobilization Concentration 50%
- IMDG: International Maritime Code for dangerous goods
- IMO: International Maritime Organization
- INDEX NUMBER: Identifier in Annex VI of CLP
- LC50: Lethal Concentration 50%
- LD50: Lethal dose 50%
- OEL: Occupational Exposure Level
- PBT: Persistent bioaccumulative and toxic as REACH Regulation
- PEC: Predicted environmental Concentration
- PEL: Predicted exposure level
- PNEC: Predicted no effect concentration
- REACH: EC Regulation 1907/2006
- RID: Regulation concerning the international transport of dangerous goods by train
- TLV: Threshold Limit Value
- TLV CEILING: Concentration that should not be exceeded during any time of occupational exposure.
- TWA STEL: Short-term exposure limit
- TWA: Time-weighted average exposure limit
- VOC: Volatile organic Compounds
- vPvB: Very Persistent and very Bioaccumulative as for REACH Regulation
- WGK: Water hazard classes (German).

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Travide appointed staff with adequate training on how to use chemical products	

Provide appointed staff with adequate training on how to use chemical products. Product's classification is based on the calculation methods set out in Annex I of the CLP Regulation, unless otherwise indicated in sections 11 and 12. The data for evaluation of chemical-physical properties are reported in section 9.

Changes to previous review: The following sections were modified: 02 / 03 / 07 / 08 / 10 / 11 / 12 / 13 / 16.