

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

Issue date: 05/04/2017 Revision date: 27/11/2022 Supersedes version of: 22/05/2017 Version: 1.2

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

## 1.1. Product identifier

Product form : Mixture

: RI004 NFLY spray Product name

Vaporizer : Aerosol

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

#### 1.2.1. Relevant identified uses

Industrial/Professional use spec : For professional use only

Use of the substance/mixture : Anti-set-off, anti-adhesive or release agent

## 1.2.2. Uses advised against

No additional information available

# 1.3. Details of the supplier of the safety data sheet

#### Producer

Riepe Gmbh & Co. KG GmbH Theodor Rosenbaum Str. 28-30

32257 Bunde Deutschland

T+49 (0) 5223-6874070

info@riepe.eu - www.riepe.eu

#### Distributor

Hranipex Czech Republic k.s. J. Rýznerové 97, Komorovice CZ-396 01 Humpolec Czech Republic T 565 501 210

hranipex@hranipex.cz - www.hranipex.cz

E-mail address of competent person responsible for the SDS:

sds@regartis.com

#### Supplier

Hranipex Ltd. Unit 2 Radial Park, Birmingham Business Park Birmingham, B37 7YN United Kingdom T 0121 767 9180 - F 0121 782 6250 hranipex@hranipex.co.uk - www.hranipex.co.uk

# 1.4. Emergency telephone number

Country	Official advisory body	Address	Emergency number	Comment
United Kingdom	National Poisons Information Service (Birmingham Centre) City Hospital	Dudley Road B18 7QH Birmingham	0344 892 0111	Only for healthcare professionals
United Kingdom	National Poisons Information Service (Cardiff Centre) University Hospital Llandough	Penlan Road CF64 2XX Cardiff	0344 892 0111	Only for healthcare professionals
United Kingdom	National Poisons Information Service (Edinburgh Centre) Royal Infirmary of Edinburgh	Little France Crescent EH16 4SA Edinburgh	0344 892 0111	Only for healthcare professionals
United Kingdom	Guy's & St Thomas' Poisons Unit Medical Toxicology Unit, Guy's & St Thomas' Hospital Trust	Avonley Road SE14 5ER London	+44 20 7188 7188	
United Kingdom	National Poisons Information Service (Newcastle Centre) Regional Drugs and Therapeutics Centre	16/17 Framlington Place Newcastle-upon-Tyne NE2 4AB Newcastle	0344 892 0111	Only for healthcare professionals
United Kingdom	National Poisons Information Service (Belfast Centre) Royal Victoria Hospital	Grosvenor Road BT12 6BA Belfast	0344 892 0111	Only for healthcare professionals



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## **SECTION 2: Hazards identification**

## 2.1. Classification of the substance or mixture

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

Aerosol, Category 1 H222;H229
Serious eye damage/eye irritation, Category 2 H319

Full text of H- and EUH-statements: see section 16

#### Adverse physicochemical, human health and environmental effects

Pressurised container: May burst if heated. Extremely flammable aerosol. Causes serious eye irritation.

#### 2.2. Label elements

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

Hazard pictograms (CLP)





GHS02

GHS07

Signal word (CLP) : Danger

Hazard statements (CLP) : H222 - Extremely flammable aerosol.

H229 - Pressurised container: May burst if heated.

H319 - Causes serious eye irritation.

Precautionary statements (CLP) : P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources.

No smoking.

P211 - Do not spray on an open flame or other ignition source.

P251 - Do not pierce or burn, even after use.

P280 - Wear protective gloves, Safety glasses, face shield.

P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove

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

P410+P412 - Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F.

: 49,005001 % by mass of the contents are flammable.

## 2.3. Other hazards

Extra phrases

PBT: not yet assessed vPvB: not yet assessed

The mixture does not contain substance(s) included in the list established in accordance with Article 59(1) of REACH for having endocrine disrupting properties, or is not identified as having endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at a concentration equal to or greater than 0,1 %

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

# 3.1. Substances

Not applicable

## 3.2. Mixtures

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Ethanol	CAS-No.: 64-17-5 EC-No.: 200-578-6 EC Index-No.: 603-002-00-5 REACH-no: 01-2119457610-	25 – 50	Flam. Liq. 2, H225 Eye Irrit. 2, H319



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Name	Product identifier		Classification according to Regulation (EC) No. 1272/2008 [CLP]
	CAS-No.: 7727-37-9 EC-No.: 231-783-9	< 2	Press. Gas (Comp.), H280

Product subject to CLP Article 1.1.3.7. The disclosure rules of the components is modified in this case.

Full text of H- and EUH-statements: see section 16

## **SECTION 4: First aid measures**

## 4.1. Description of first aid measures

First-aid measures general : Remove contaminated clothes. If unconscious, place in the recovery position.

First-aid measures after inhalation : Remove person to fresh air and keep comfortable for breathing. If experiencing respiratory

symptoms, call a doctor.

First-aid measures after skin contact : The product is not considered to be irritating to the skin. Wash skin with plenty of water and

soap.

First-aid measures after eye contact : Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy

to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

First-aid measures after ingestion : Rinse mouth. Drink plenty of water. Call a poison center or a doctor if you feel unwell.

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

Symptoms/effects after eye contact : Eye irritation.

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

Treat symptomatically.

# **SECTION 5: Firefighting measures**

## 5.1. Extinguishing media

Suitable extinguishing media : Carbon dioxide. extinguishing powder. Sand.

Unsuitable extinguishing media : Strong water jet.

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

Fire hazard : Extremely flammable aerosol.

Explosion hazard : Pressurised container: May burst if heated.

# 5.3. Advice for firefighters

Protection during firefighting : Do not attempt to take action without suitable protective equipment. Use self-contained

breathing apparatus and chemically protective clothing. Refer to section 8.2.

Other information : Risk of bursting.

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

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

General measures : Prevent unauthorised access. Wear personal protective equipment.

# 6.1.1. For non-emergency personnel

No additional information available

#### 6.1.2. For emergency responders

Protective equipment : Do not attempt to take action without suitable protective equipment. For further information

refer to section 8: "Exposure controls/personal protection".



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#### 6.2. Environmental precautions

Do not allow the mixture to enter into sewer, water system (underground water, surface water) or soil. 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 : Absorb with liquid-binding material (e.g. sand, diatomaceous earth, acid- or universal

binding agents).

Other information : Dispose of materials or solid residues at an authorized site.

#### 6.4. Reference to other sections

Concerning personal protective equipment to use, see section 8. Concerning disposal elimination after cleaning, see section 13.

## **SECTION 7: Handling and storage**

## 7.1. Precautions for safe handling

Precautions for safe handling : Ensure good ventilation of the work station. Keep away from heat, hot surfaces, sparks,

open flames and other ignition sources. No smoking. Do not spray on an open flame or other ignition source. Do not pierce or burn, even after use. Avoid contact with skin and eyes. Do not expose to temperatures exceeding 50 °C/ 122 °F. Do not breathe gas, spray.

Hygiene measures : Do not eat, drink or smoke when using this product. Always wash hands after handling the

product.

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

Storage conditions : Store in a well-ventilated place. Keep cool. Observe all regulations and local requirements

regarding storage of containers.

Incompatible products : Store away from oxidation agents.

# 7.3. Specific end use(s)

No additional information available

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

#### 8.1. Control parameters

# 8.1.1 National occupational exposure and biological limit values

Ethanol (64-17-5)			
United Kingdom - Occupational Exposure Limits			
Local name Ethanol			
WEL TWA (OEL TWA) [1]	1920 mg/m³		
WEL TWA (OEL TWA) [2] 1000 ppm			
Regulatory reference EH40/2005 (Fourth edition, 2020). HSE			

#### 8.1.2. Recommended monitoring procedures

No additional information available

#### 8.1.3. Air contaminants formed

No additional information available

# 8.1.4. DNEL and PNEC

No additional information available

# 8.1.5. Control banding

No additional information available



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#### 8.2. Exposure controls

#### 8.2.1. Appropriate engineering controls

#### Appropriate engineering controls:

Provide adequate general and local exhaust ventilation.

#### 8.2.2. Personal protection equipment

#### Personal protective equipment:

Avoid all unnecessary exposure. Wear recommended personal protective equipment.

#### 8.2.2.1. Eye and face protection

#### Eye protection:

tightly fitting safety goggles. EN 166

#### 8.2.2.2. Skin protection

## Skin and body protection:

Wear suitable coveralls to prevent exposure to the skin

#### Hand protection:

Chemical resistant gloves (according to European standard EN 374 or equivalent). Follow the glove manufacturer's specific recommendations when selecting the appropriate thickness, material, and permeability. Material of gloves: Butyl rubber

#### 8.2.2.3. Respiratory protection

#### Respiratory protection:

In case of insufficient ventilation, wear suitable respiratory equipment

#### 8.2.2.4. Thermal hazards

No additional information available

## 8.2.3. Environmental exposure controls

## **Environmental exposure controls:**

Avoid release to the environment.

#### Other information:

Wash hands before break and at end of works. Avoid contact with skin and eyes. Do not breathe vapour/aerosol.

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

## 9.1. Information on basic physical and chemical properties

Physical state : Liquid Colour : Green. Appearance : Aerosol. Odour : alcoholic. Odour threshold : Not available : Not applicable Melting point : Not available Freezing point : Not available Boiling point

Flammability : Extremely flammable aerosol.

Explosive properties : Pressurised container: May burst if heated.

**Explosion limits** : Not available Lower explosion limit : 3.5 vol % Upper explosion limit : 15 vol % Flash point : Not applicable Auto-ignition temperature : Not self-igniting Decomposition temperature : Not available : Not available pΗ Viscosity, kinematic : Not available Solubility : Miscible with water. Partition coefficient n-octanol/water (Log Kow) : Not available Vapour pressure : Not available Vapour pressure at 50°C : Not available



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Density : 0.92 g/cm³
Relative density : Not available
Relative vapour density at 20°C : Not available
Particle characteristics : Not applicable

## 9.2. Other information

## 9.2.1. Information with regard to physical hazard classes

No additional information available

#### 9.2.2. Other safety characteristics

No additional information available

## **SECTION 10: Stability and reactivity**

## 10.1. Reactivity

Extremely flammable aerosol. Pressurised container: May burst if heated.

## 10.2. Chemical stability

Stable under normal conditions.

## 10.3. Possibility of hazardous reactions

No hazardous reactions known under normal conditions of use.

## 10.4. Conditions to avoid

Avoid contact with hot surfaces. Heat. No flames, no sparks. Eliminate all sources of ignition.

## 10.5. Incompatible materials

Strong oxidizing agents.

# 10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced. On burning: release of carbon monoxide - carbon dioxide.

# **SECTION 11: Toxicological information**

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

Acute toxicity (oral)

: Not classified (Based on available data, the classification criteria are not met)

Acute toxicity (dermal)

: Not classified (Based on available data, the classification criteria are not met)

Acute toxicity (inhalation)

: Not classified (Based on available data, the classification criteria are not met)

Ethanol (64-17-5)	
LD50 oral rat	10470 mg/kg
LD50 dermal rabbit	> 2000 mg/kg
LC50 Inhalation - Rat	38 mg/l/4h
LC50 Inhalation	> 20 mg/l/4h mouse
Skin corrosion/irritation	: Not classified (Based on available data, the classification criteria are not met)
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Skin corrosion/irritation : Not classified (Based on available data, the classification criteria are not met)
Serious eye damage/irritation : Causes serious eye irritation.

Respiratory or skin sensitisation : Not classified (Based on available data, the classification criteria are not met)
Germ cell mutagenicity : Not classified (Based on available data, the classification criteria are not met)
Carcinogenicity : Not classified (Based on available data, the classification criteria are not met)
Reproductive toxicity : Not classified (Based on available data, the classification criteria are not met)
STOT-single exposure : Not classified (Based on available data, the classification criteria are not met)
STOT-repeated exposure : Not classified (Based on available data, the classification criteria are not met)



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Aspiration hazard : Not classified (Based on available data, the classification criteria are not met)

RI004 NFLY spray

Vaporizer Aerosol

Ethanol (64-17-5)

Viscosity, kinematic 1.082 – 2.247 mm²/s

## 11.2. Information on other hazards

#### 11.2.1. Endocrine disrupting properties

Adverse health effects caused by endocrine disrupting properties

: The mixture does not contain substance(s) included in the list established in accordance with Article 59(1) of REACH for having endocrine disrupting properties, or is not identified as having endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at a concentration equal to or greater than 0,1 %

#### 11.2.2. Other information

No additional information available

# **SECTION 12: Ecological information**

## 12.1. Toxicity

Hazardous to the aquatic environment, short-term

: Not classified (Based on available data, the classification criteria are not met)

Hazardous to the aquatic environment, long-term

: Not classified (Based on available data, the classification criteria are not met)

(chronic)

Ethanol (64-17-5)		
LC50 - Fish [1]	8140 mg/l (Leuciscus idus)	
EC50 - Crustacea [1]	> 10000 mg/l (Daphnia magna)	
EC50 72h - Algae [1]	275 mg/l (Chlorella vulgaris)	

# 12.2. Persistence and degradability

DIO		ICI V	CHECK
KIU	U4 I	HTL I	sprav

Persistence and degradability

No information available.

# 12.3. Bioaccumulative potential

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Bioaccumulative potential No information available.

## 12.4. Mobility in soil

# **RI004 NFLY spray**

Ecology - soil No information available.

# 12.5. Results of PBT and vPvB assessment

## **RI004 NFLY spray**

PBT: not yet assessed

vPvB: not yet assessed



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## 12.6. Endocrine disrupting properties

Adverse effects on the environment caused by endocrine disrupting properties

: The mixture does not contain substance(s) included in the list established in accordance with Article 59(1) of REACH for having endocrine disrupting properties, or is not identified as having endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at a concentration equal to or greater than 0,1 %.

## 12.7. Other adverse effects

No additional information available

## **SECTION 13: Disposal considerations**

## 13.1. Waste treatment methods

Regional legislation (waste) Waste treatment methods

Sewage disposal recommendations

Product/Packaging disposal recommendations

Additional information Ecology - waste materials HP Code : Disposal must be done according to official regulations.

: Dispose of contents/container in accordance with licensed collector's sorting instructions.

: Do not dispose of waste into sewer.

Do not mix with other wastes. Container under pressure. Do not drill or burn even after use. Dispose in a safe manner in accordance with local/national regulations.

: Do not remove as household garbage.

Avoid release to the environment.

: HP3 - "Flammable:"

- flammable liquid waste: liquid waste having a flash point below 60 °C or waste gas oil, diesel and light heating oils having a flash point > 55 °C and ≤ 75 °C;
- flammable pyrophoric liquid and solid waste: solid or liquid waste which, even in small quantities, is liable to ignite within five minutes after coming into contact with air;
- flammable solid waste: solid waste which is readily combustible or may cause or contribute to fire through friction;
- flammable gaseous waste: gaseous waste which is flammable in air at 20 °C and a standard pressure of 101.3 kPa;
- water reactive waste: waste which, in contact with water, emits flammable gases in dangerous quantities;
- other flammable waste: flammable aerosols, flammable self-heating waste, flammable organic peroxides and flammable self-reactive waste.

HP4 - "Irritant – skin irritation and eye damage:" waste which on application can cause skin irritation or damage to the eye.

## **SECTION 14: Transport information**

In accordance with ADR / IMDG / IATA / ADN / RID

ADR	IMDG	IATA	ADN	RID			
14.1. UN number or ID n	14.1. UN number or ID number						
UN 1950	UN 1950	UN 1950	UN 1950 UN 1950				
14.2. UN proper shippin	g name						
AEROSOLS	AEROSOLS	Aerosols, flammable	AEROSOLS	AEROSOLS			
Transport document descr	iption (ADR)						
UN 1950 AEROSOLS, 2.1, (D)	UN 1950 AEROSOLS, 2.1	UN 1950 Aerosols, flammable, 2.1	UN 1950 AEROSOLS, 2.1	UN 1950 AEROSOLS, 2.1			
14.3. Transport hazard class(es)							
2.1	2.1	2.1	2.1	2.1			



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ADR	IMDG	IATA	ADN	RID
2		2		2
4.4. Packing group	<u> </u>	·	·	•
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
4.5. Environmental haz	ards			
Dangerous for the environment: No	Dangerous for the environment: No Marine pollutant: No	Dangerous for the environment: No	Dangerous for the environment: No	Dangerous for the environment: No

# 14.6. Special precautions for user

## **Overland transport**

Classification code (ADR) : 5F

Special provisions (ADR) : 190, 327, 344, 625

Limited quantities (ADR) : 1I

Excepted quantities (ADR) : E0

Packing instructions (ADR) : P207

Special packing provisions (ADR) : PP87, RR6, L2

Mixed packing provisions (ADR) : MP9
Transport category (ADR) : 2
Special provisions for carriage - Packages (ADR) : V14
Special provisions for carriage - Loading, unloading : CV9, CV12

and handling (ADR)

Special provisions for carriage - Operation (ADR) : S2 Tunnel restriction code (ADR) : D

## Transport by sea

Special provisions (IMDG) : 63, 190, 277, 327, 344, 381, 959

: SG69

Limited quantities (IMDG) : SP277 Excepted quantities (IMDG) : E0 : P207, LP200 Packing instructions (IMDG) Special packing provisions (IMDG) : PP87, L2 EmS-No. (Fire) : F-D EmS-No. (Spillage) : S-U Stowage category (IMDG) None : SW1, SW22 Stowage and handling (IMDG)

## Air transport

Segregation (IMDG)

PCA Excepted quantities (IATA) : E0
PCA Limited quantities (IATA) : Y203
PCA limited quantity max net quantity (IATA) : 30kgG
PCA packing instructions (IATA) : 203
PCA max net quantity (IATA) : 75kg
CAO packing instructions (IATA) : 203
CAO max net quantity (IATA) : 150kg

Special provisions (IATA) : A145, A167, A802

ERG code (IATA) : 10L

#### Inland waterway transport

Classification code (ADN) : 5F

Special provisions (ADN) : 190, 327, 344, 625

Limited quantities (ADN) : 1 L Excepted quantities (ADN) : E0



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Equipment required (ADN) : PP, EX, A Ventilation (ADN) : VE01, VE04

Number of blue cones/lights (ADN) : 1

Rail transport

Classification code (RID) : 5F

Special provisions (RID) : 190, 327, 344, 625

Limited quantities (RID) : 1L Excepted quantities (RID) : E0

Packing instructions (RID) : P207, LP200 Special packing provisions (RID) : PP87, RR6, L2

Mixed packing provisions (RID) : MP9

Transport category (RID) : 2

Special provisions for carriage – Packages (RID) : W14

Special provisions for carriage - Loading, unloading : CW9, CW12

and handling (RID)

Colis express (express parcels) (RID) : CE2 Hazard identification number (RID) : 23

## 14.7. Maritime transport in bulk according to IMO instruments

Not applicable

## **SECTION 15: Regulatory information**

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

## 15.1.1. EU-Regulations

## **REACH Annex XVII (Restriction List)**

EU restriction list (REACH Annex XVII)			
Reference code Applicable on			
3(a)	RI004 NFLY spray ; Ethanol		
3(b)	(b) RI004 NFLY spray ; Ethanol		
40.	Ethanol		

#### **REACH Annex XIV (Authorisation List)**

Contains no substance(s) listed on REACH Annex XIV (Authorisation List)

## **REACH Candidate List (SVHC)**

Contains no substance(s) listed on the REACH Candidate List

#### **PIC Regulation (Prior Informed Consent)**

Contains no substance(s) listed on the PIC list (Regulation EU 649/2012 concerning the export and import of hazardous chemicals)

# **POP Regulation (Persistent Organic Pollutants)**

Contains no substance(s) listed on the POP list (Regulation EU 2019/1021 on persistent organic pollutants)

#### Ozone Regulation (1005/2009)

Contains no substance(s) listed on the Ozone Depletion list (Regulation EU 1005/2009 on substances that deplete the ozone layer)

## **Explosives Precursors Regulation (2019/1148)**

Contains no substance(s) listed on the Explosives Precursors list (Regulation EU 2019/1148 on the marketing and use of explosives precursors)

#### **Drug Precursors Regulation (273/2004)**

Contains no substance(s) listed on the Drug Precursors list (Regulation EC 273/2004 on the manufacture and the placing on market of certain substances used in the illicit manufacture of narcotic drugs and psychotropic substances)

#### 15.1.2. National regulations

REGULATION (EC) No 1907/2006 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH)



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REGULATION (EC) No 1907/2006 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH)

Council Directive 75/324/EEC of 20 May 1975 on the approximation of the laws of the Member States relating to aerosol dispensers as amended (2013/10/EU a 2016/2037/EU)

## **United Kingdom**

**British National Regulations** 

: Directive 2008/98/EC of the European Parliament and of the Council on waste and

repealing certain Directives, in the valid wording.

Regulation (EC) No 1013/2006 of the European Parliament and of the Council on shipments

of waste, in the valid wording.

UK Waste Regulations. UK REACH.

GB CLP.

# 15.2. Chemical safety assessment

No chemical safety assessment has been carried out

# **SECTION 16: Other information**

Indication of changes				
Section	Changed item	Change	Comments	
	Supersedes	Modified		
	Revision date	Modified		
	Adverse health effects caused by endocrine disrupting properties	Added		
4.1	First-aid measures after skin contact	Modified		
4.1	First-aid measures after inhalation	Modified		
5.3	Protection during firefighting	Modified		
7.1	Hygiene measures	Modified		
8.2	Other information	Added		
8.2	Hand protection	Modified		
8.2	Skin and body protection	Modified		
9.1	Auto-ignition temperature	Added		
12.6	Adverse effects on the environment caused by endocrine disrupting properties	Added		
15.1	British National Regulations	Added		
16	Data sources	Modified		

Abbreviations and acr	reviations and acronyms:		
ADN	European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways		
ADR	European Agreement concerning the International Carriage of Dangerous Goods by Road		
DMEL	Derived Minimal Effect level		
DNEL	Derived-No Effect Level		
CLP	Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008		
IARC	International Agency for Research on Cancer		
EC50	Median effective concentration		
IATA	International Air Transport Association		



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Abbreviations and acronyms:		
LC50	Median lethal concentration	
LD50	Median lethal dose	
LOAEL	Lowest Observed Adverse Effect Level	
NOAEC	No-Observed Adverse Effect Concentration	
NOAEL	No-Observed Adverse Effect Level	
NOEC	No-Observed Effect Concentration	
PNEC	Predicted No-Effect Concentration	
REACH	Registration, Evaluation, Authorisation and Restriction of Chemicals Regulation (EC) No 1907/2006	
SDS	Safety Data Sheet	
vPvB	Very Persistent and Very Bioaccumulative	

Data sources : ECHA Guidance on the compilation of safety data sheets

ECHA C&L Inventory database. Supplier's safety documents.

Training advice : Provide SDS to employees. Follow general rules on handling chemical substances and/or

mixtures.

Full text of H- and EU	JH-statements:	
Eye Irrit. 2	Serious eye damage/eye irritation, Category 2	
Flam. Liq. 2	Flammable liquids, Category 2	
H222	Extremely flammable aerosol.	
H225	Highly flammable liquid and vapour.	
H229	Pressurised container: May burst if heated.	
H280	Contains gas under pressure; may explode if heated.	
H319	Causes serious eye irritation.	
Press. Gas (Comp.)	s. Gas (Comp.) Gases under pressure : Compressed gas	

	Classification and procedure used to derive the classification for mixtures according to Regulation (EC) 1272/2008 [CLP]:			
	Aerosol 1	H222;H229	On basis of test data	
	Eye Irrit. 2	H319	Expert judgment	

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.