

**Safety data sheet**  
**according to 1907/2006/EC, Article 31**

Printing date 05.11.2021

V- 2.0

Revision: 18.05.2018

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

**1.1 Product identifier**

**Trade name: 0RS010 Utwardzacz do Szpachli natryskowej**

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

Identified uses: professional use.

**Application of the substance / the mixture** Hardening agent/ Curing agent

**1.3 Details of the supplier of the safety data sheet**

**Manufacturer/Supplier:**

Inter Cars S.A.

ul. Powsińska 64,

02-903 Warszawa

Telefon: +48 22 714 10 70

Fax: +48 22 714 17 18

ic.diagnostyka@intercars.eu

**Further information obtainable from:** ic.diagnostyka@intercars.eu

**1.4 Emergency telephone number:** Tel. + 48 22 714 17 20; 112, czynny Pn-Pt 8:00-16:00

\* **SECTION 2: Hazards identification**

**2.1 Classification of the substance or mixture**

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



GHS02

Org. Perox. D H242 Heating may cause a fire.



GHS05

Skin Corr. 1B H314 Causes severe skin burns and eye damage.

Eye Dam. 1 H318 Causes serious eye damage.



GHS07

Acute Tox. 4 H302 Harmful if swallowed.

Acute Tox. 4 H332 Harmful if inhaled.

**2.2 Label elements**

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

The product is classified and labelled according to the CLP regulation.

**Hazard pictograms**



GHS02



GHS05



GHS07

**Signal word** Danger

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**Hazard-determining components of labelling:**

2-Butanone, peroxide  
hydrogen peroxide solution

**Hazard statements**

H242 Heating may cause a fire.  
H302+H332 Harmful if swallowed or if inhaled.  
H314 Causes severe skin burns and eye damage.

**Precautionary statements**

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.  
P233 Keep container tightly closed.  
P235 Keep cool.  
P260 Do not breathe dust/fume/gas/mist/vapours/spray.  
P262 Do not get in eyes, on skin, or on clothing.  
P280 Wear protective gloves/protective clothing/eye protection/face protection.  
P301+P312 IF SWALLOWED: Call a POISON CENTER/doctor if you feel unwell.  
P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower.  
P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.  
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P308+P313 IF exposed or concerned: Get medical advice/attention.  
P315 Get immediate medical advice/attention.  
P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

**Labelling of packages where the contents do not exceed 125 ml**

**Hazard pictograms**



GHS02 GHS05 GHS07

**Signal word** Danger

**Hazard-determining components of labelling:**

2-Butanone, peroxide  
hydrogen peroxide solution

**Hazard statements**

H314 Causes severe skin burns and eye damage.

**Precautionary statements**

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

**2.3 Other hazards**

Risk of fire on contact with combustible substances or other substances effective in promoting the decomposition reaction.

Thermal decomposition with temperatures above 60°C (SADT).

**Results of PBT and vPvB assessment**

**PBT:** Not applicable.

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vPvB: Not applicable.

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

**3.2 Mixtures**

**Description:** Mixture of substances listed below with nonhazardous additions.

<b>Dangerous components:</b>		
CAS: 1338-23-4 EINECS: 215-661-2 Reg.nr.: 01-2119514691-43	2-Butanone, peroxide ⚠ Org. Perox. D, H242; ⚠ Skin Corr. 1B, H314; Eye Dam. 1, H318; ⚠ Acute Tox. 4, H332	25-50%
CAS: 107-41-5 EINECS: 203-489-0 Reg.nr.: 01-2119539582-35	2-methylpentane-2,4-diol ⚠ Skin Irrit. 2, H315; Eye Irrit. 2, H319	1-5%
CAS: 7722-84-1 EINECS: 231-765-0 Reg.nr.: 01-2119485845-22	hydrogen peroxide solution ⚠ Ox. Liq. 1, H271; ⚠ Skin Corr. 1A, H314; Eye Dam. 1, H318; ⚠ Acute Tox. 4, H302; Acute Tox. 4, H332; STOT SE 3, H335; Aquatic Chronic 3, H412 Specific concentration limits: Ox. Liq. 1; H271: C ≥ 70 % Ox. Liq. 2; H272: 50 % ≤ C < 70 % Skin Corr. 1A; H314: C ≥ 70 % Skin Corr. 1B; H314: 50 % ≤ C < 70 % Skin Irrit. 2; H315: 35 % ≤ C < 50 % Eye Dam. 1; H318: C ≥ 8 % Eye Irrit. 2; H319: 5 % ≤ C < 8 % STOT SE 3; C ≥ 35 %	1-5%

**Additional information:** For the wording of the listed hazard phrases refer to section 16.

**SECTION 4: First aid measures**

**4.1 Description of first aid measures**

**General information:**

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

Immediately remove any clothing soiled by the product.

In case of irregular breathing or respiratory arrest provide artificial respiration.

Take affected persons out of danger area and lay down.

**After inhalation:**

Supply fresh air and to be sure call for a doctor.

In case of unconsciousness place patient stably in side position for transportation.

**After skin contact:**

Immediately wash with water and soap and rinse thoroughly.

If skin irritation continues, consult a doctor.

**After eye contact:**

Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.

**After swallowing:** Drink plenty of water and provide fresh air. Call for a doctor immediately.

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

No further relevant information available.

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**4.3 Indication of any immediate medical attention and special treatment needed**

No further relevant information available.

\* **SECTION 5: Firefighting measures**

**5.1 Extinguishing media**

**Suitable extinguishing agents:**

CO<sub>2</sub>, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.

**5.2 Special hazards arising from the substance or mixture**

Can form explosive gas-air mixtures.

Formation of toxic gases is possible during heating or in case of fire.

**5.3 Advice for firefighters**

**Protective equipment:**

Wear self-contained respiratory protective device.

Do not inhale explosion gases or combustion gases.

**Additional information**

Cool endangered receptacles with water spray.

Dispose of fire debris and contaminated fire fighting water in accordance with official regulations.

Collect contaminated fire fighting water separately. It must not enter the sewage system.

\* **SECTION 6: Accidental release measures**

**6.1 Personal precautions, protective equipment and emergency procedures**

Mount respiratory protective device.

Wear protective equipment. Keep unprotected persons away.

Ensure adequate ventilation

Keep away from ignition sources.

Avoid contact with the eyes and skin.

**6.2 Environmental precautions:** Do not allow to enter sewers/ surface or ground water.

**6.3 Methods and material for containment and cleaning up:**

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

Do not flush with water or aqueous cleansing agents.

Dispose of the material collected according to regulations.

**6.4 Reference to other sections**

See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment.

See Section 13 for disposal information.

\* **SECTION 7: Handling and storage**

**7.1 Precautions for safe handling**

Ensure good ventilation/exhaustion at the workplace.

Restrict the quantity stored at the work place.

Ensure good interior ventilation, especially at floor level. (Fumes are heavier than air).

Do not inhale gases / fumes / aerosols.

Avoid contact with the eyes and skin.

Do not eat, drink, smoke or sniff while working.

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Do not allow to enter sewers/ surface or ground water.

Keep apart from dirt, rust, chemicals, especially reducing substances, acids, alkaline solutions, amines and heavy metal compounds (such as accelerator, dessicative, metal soaps). Avoid naked flames, sparks, other ignition sources and sunlight.

**Information about fire - and explosion protection:**

Keep ignition sources away - Do not smoke.

Keep respiratory protective device available.

Fumes can combine with air to form an explosive mixture.

**7.2 Conditions for safe storage, including any incompatibilities**

**Storage:**

**Requirements to be met by storerooms and receptacles:**

Store in a cool location.

Store only in the original receptacle.

**Information about storage in one common storage facility:**

Store away from foodstuffs.

Store away from oxidising agents.

**Further information about storage conditions:**

Keep container tightly sealed.

Store in cool, dry conditions in well sealed receptacles.

Store receptacle in a well ventilated area.

Protect from contamination.

Store under lock and key and out of the reach of children.

**Maximum storage temperature:** +25 °C

**7.3 Specific end use(s)** No further relevant information available.

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

**8.1 Control parameters**

**Ingredients with limit values that require monitoring at the workplace:**

**1338-23-4 2-Butanone, peroxide**

WEL (Great Britain) Short-term value: 1.5 mg/m<sup>3</sup>, 0.2 ppm

**107-41-5 2-methylpentane-2,4-diol**

WEL (Great Britain) Short-term value: 123 mg/m<sup>3</sup>, 25 ppm  
Long-term value: 123 mg/m<sup>3</sup>, 25 ppm

**7722-84-1 hydrogen peroxide solution**

WEL (Great Britain) Short-term value: 2.8 mg/m<sup>3</sup>, 2 ppm  
Long-term value: 1.4 mg/m<sup>3</sup>, 1 ppm

**Regulatory information** WEL (Great Britain): EH40/2020

**DNELs**

**1338-23-4 2-Butanone, peroxide**

Dermal DNEL 1.33 mg/kg bw/day (long-term - systemic effects, workers)

Inhalative DNEL 7.05 mg/m<sup>3</sup> (acute - systemic effects, workers)

2.35 mg/m<sup>3</sup> (long-term - systemic effects, workers)

**PNECs**

**1338-23-4 2-Butanone, peroxide**

PNEC 0.0056 mg/l (freshwater environment)

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PNEC	0.00056 mg/l (marine environment) 0.056 mg/l (intermittent releases) 1.2 mg/l (sewage treatment plants) 0.0876 mg/kg (freshwater sediment environment) 0.00876 mg/kg (marine sediment environment) 0.0142 mg/kg (soil)
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**Additional information:** The lists valid during the making were used as basis.

## 8.2 Exposure controls

**Appropriate engineering controls** No further data; see item 7.

### Individual protection measures, such as personal protective equipment

#### General protective and hygienic measures:

Ensure good ventilation/exhaustion at the workplace.

Ensure good interior ventilation, especially at floor level. (Fumes are heavier than air).

Keep ignition sources away - Do not smoke.

Keep away from foodstuffs, beverages and feed.

Immediately remove all soiled and contaminated clothing

Wash hands before breaks and at the end of work.

Store protective clothing separately.

Do not inhale gases / fumes / aerosols.

Avoid contact with the eyes and skin.

Do not eat or drink while working.

Use skin protection cream for skin protection.

#### Respiratory protection:

In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use self-contained respiratory protective device.

Filter A2/P2

#### Hand protection



Protective gloves

Check the permeability prior to each renewed use of the glove.

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation (EN 374).

#### Material of gloves

Butyl rubber, BR

Recommended thickness of the material:  $\geq 0,7$  mm

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

#### Penetration time of glove material

Value for the permeation: Level 6  $\geq 480$  min.

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

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**Eye/face protection**



Tightly sealed goggles

**Body protection:** Protective work clothing

**SECTION 9: Physical and chemical properties**

**9.1 Information on basic physical and chemical properties**

**General Information**

<b>Physical state</b>	Fluid
<b>Colour:</b>	Colourless
<b>Odour:</b>	Characteristic
<b>Odour threshold:</b>	Not determined.
<b>Melting point/freezing point:</b>	Undetermined.
<b>Boiling point or initial boiling point and boiling range</b>	Undetermined.
<b>Flammability</b>	Not applicable.
<b>Lower and upper explosion limit</b>	
<b>Lower:</b>	1 Vol %
<b>Upper:</b>	9.9 Vol %
<b>Flash point:</b>	>80 °C
<b>Auto-ignition temperature:</b>	Not determined.
<b>Decomposition temperature:</b>	Not determined.
<b>pH</b>	Not applicable.
<b>Viscosity:</b>	
<b>Kinematic viscosity</b>	Not determined.
<b>Dynamic at 20 °C:</b>	19-23 mPas
<b>Solubility</b>	
<b>water:</b>	Not miscible or difficult to mix.
<b>Partition coefficient n-octanol/water (log value)</b>	Not determined.
<b>Vapour pressure:</b>	Not determined.
<b>Density and/or relative density</b>	
<b>Density at 20 °C:</b>	1.12 g/cm <sup>3</sup>
<b>Vapour density</b>	Not determined.

**9.2 Other information**

<b>Appearance:</b>	
<b>Form:</b>	Fluid
<b>Important information on protection of health and environment, and on safety.</b>	
<b>Explosive properties:</b>	Product does not present an explosion hazard.
<b>Change in condition</b>	
<b>Evaporation rate</b>	Not determined.

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**Information with regard to physical hazard**

**classes**

<b>Explosives</b>	Void
<b>Flammable gases</b>	Void
<b>Aerosols</b>	Void
<b>Oxidising gases</b>	Void
<b>Gases under pressure</b>	Void
<b>Flammable liquids</b>	Void
<b>Flammable solids</b>	Void
<b>Self-reactive substances and mixtures</b>	Void
<b>Pyrophoric liquids</b>	Void
<b>Pyrophoric solids</b>	Void
<b>Self-heating substances and mixtures</b>	Void
<b>Substances and mixtures, which emit flammable gases in contact with water</b>	Void
<b>Oxidising liquids</b>	Void
<b>Oxidising solids</b>	Void
<b>Organic peroxides</b>	Heating may cause a fire.
<b>Corrosive to metals</b>	Void
<b>Desensitised explosives</b>	Void

\* **SECTION 10: Stability and reactivity**

**10.1 Reactivity** No decomposition if used according to specifications.

**10.2 Chemical stability**

No decomposition if used and stored according to specifications.

Thermal decomposition with temperatures above 60°C (SADT).

**10.3 Possibility of hazardous reactions**

Fumes can combine with air to form an explosive mixture.

To avoid thermal decomposition do not overheat. Thermal decomposition or direct contact with numerous additives, such as reducing agents (i.e. amine accelerator), heavy metal compounds (in particular cobalt accelerators), acids and alkaline solutions, may lead to hazardous, autoaccelerating decomposition reactions, and possibly, to explosion or fire.

**10.4 Conditions to avoid**

Protect from heat and direct sunlight.

Avoid naked flames, sparks, other ignition sources and sunlight.

>25 °C

**10.5 Incompatible materials:**

Keep apart from dirt, rust, chemicals, especially reducing substances, acids, alkaline solutions, amines and heavy metal compounds (such as accelerator, dessicative, metal soaps). Avoid naked flames, sparks, other ignition sources and sunlight.

**10.6 Hazardous decomposition products:**

Formation of toxic gases is possible during heating or in case of fire.

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\* **SECTION 11: Toxicological information**

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

**Acute toxicity** Harmful if swallowed or if inhaled.

**LD/LC50 values relevant for classification:**

**1338-23-4 2-Butanone, peroxide**

Inhalative	ATE	1.5 mg/l
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**107-41-5 2-methylpentane-2,4-diol**

Oral	LD50	3,700 mg/kg (rat)
Dermal	LD50	8,560 mg/kg (rabbit)

**7722-84-1 hydrogen peroxide solution**

Oral	LD50	1,026 mg/kg (rat)
Inhalative	LC50/4 h	>0.17 mg/l (rat)

**Primary irritant effect:**

**Skin corrosion/irritation** Causes severe skin burns and eye damage.

**Serious eye damage/irritation** Causes serious eye damage.

**Respiratory or skin sensitisation**

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

**STOT-repeated exposure** Based on available data, the classification criteria are not met.

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

**11.2 Information on other hazards**

**Endocrine disrupting properties**

None of the ingredients is listed.

\* **SECTION 12: Ecological information**

**12.1 Toxicity**

**Aquatic toxicity:**

**1338-23-4 2-Butanone, peroxide**

LC50/96 h	44.2 mg/l (fish) (OECD 203)
EC50/48 h	39 mg/l (Daphnia magna) (OECD 202)
EC50/72 h	5.6 mg/l (Pseudokirchnerella subcapitata) (OECD 201)

**107-41-5 2-methylpentane-2,4-diol**

LC50/96 h	8,690 mg/l (Pimephales promelas) (OECD 203)
EC50/48 h	5,410 mg/l (Daphnia magna) (OECD 202)
EC50/72 h	>429 mg/l (Pseudokirchnerella subcapitata) (OECD 201)

**7722-84-1 hydrogen peroxide solution**

LCO/96 h	16.4 mg/l (fish)
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EC50/72 h	1.38 mg/l (algae)
LC50/48 h	2.4 mg/l (Daphnia pulex)
<b>12.2 Persistence and degradability</b>	
<b>1338-23-4 2-Butanone, peroxide</b>	
Biodegradation	% (readily biodegradable)
<b>12.3 Bioaccumulative potential</b>	
<b>1338-23-4 2-Butanone, peroxide</b>	
log Pow	<0.3

**12.4 Mobility in soil** No further relevant information available.

**12.5 Results of PBT and vPvB assessment**

**PBT:** Not applicable.

**vPvB:** Not applicable.

**12.6 Endocrine disrupting properties**

The product does not contain substances with endocrine disrupting properties.

**12.7 Other adverse effects**

**Additional ecological information:**

**General notes:**

Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

Must not reach sewage water or drainage ditch undiluted or unneutralised.

**SECTION 13: Disposal considerations**

**13.1 Waste treatment methods**

**Recommendation**

Must not be disposed together with household garbage. Do not allow product to reach sewage system.

Dilute product with suitable inert liquid to a peroxide concentration below 10% and subsequently dispose of according to the refuse disposal act.

**European waste catalogue**

16 05 06*	laboratory chemicals, consisting of or containing hazardous substances, including mixtures of laboratory chemicals
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**Uncleaned packaging:**

**Recommendation:** Disposal must be made according to official regulations.

**\* SECTION 14: Transport information**

**14.1 UN number or ID number**

**ADR, IMDG, IATA**

UN3105

**14.2 UN proper shipping name**

**ADR**

3105 ORGANIC PEROXIDE TYPE D, LIQUID (2-Butanone, peroxide)

**IMDG, IATA**

ORGANIC PEROXIDE TYPE D, LIQUID (2-Butanone, peroxide)

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<b>14.3 Transport hazard class(es)</b>	
<b>ADR, IMDG, IATA</b>	
	
<b>Class</b>	5.2
<b>Label</b>	5.2
<b>14.4 Packing group</b>	
<b>ADR, IMDG</b>	Void
<b>14.5 Environmental hazards:</b>	Not applicable.
<b>14.6 Special precautions for user</b>	Warning: Organic peroxides.
<b>EMS Number:</b>	F-J,S-R
<b>Stowage Category</b>	D
<b>Stowage Code</b>	SW1 Protected from sources of heat.
<b>Segregation Code</b>	SG35 Stow "separated from" SGG1-acids SG36 Stow "separated from" SGG18-alkalis. SG72 See 7.2.6.3.2.
<b>14.7 Maritime transport in bulk according to IMO instruments</b>	
	Not applicable.
<b>Transport/Additional information:</b>	
<b>ADR</b>	
<b>Limited quantities (LQ)</b>	125 ml
<b>Tunnel restriction code</b>	D
<b>IMDG</b>	
<b>Limited quantities (LQ)</b>	125 ml
<b>UN "Model Regulation":</b>	UN 3105 ORGANIC PEROXIDE TYPE D, LIQUID (2-BUTANONE, PEROXIDE), 5.2

\* **SECTION 15: Regulatory information**

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

**Directive 2012/18/EU**

**Named dangerous substances - ANNEX I** None of the ingredients is listed.

**Seveso category**

P6b SELF-REACTIVE SUBSTANCES AND MIXTURES and ORGANIC PEROXIDES

**Qualifying quantity (tonnes) for the application of lower-tier requirements** 50 t

**Qualifying quantity (tonnes) for the application of upper-tier requirements** 200 t

**REGULATION (EC) No 1907/2006 ANNEX XVII** Conditions of restriction: 3

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**DIRECTIVE 2011/65/EU on the restriction of the use of certain hazardous substances in electrical and electronic equipment – Annex II**

None of the ingredients is listed.

**REGULATION (EU) 2019/1148**

**Annex I - RESTRICTED EXPLOSIVES PRECURSORS (Upper limit value for the purpose of licensing under Article 5(3))**

None of the ingredients is listed.

**Annex II - REPORTABLE EXPLOSIVES PRECURSORS**

None of the ingredients is listed.

**Regulation (EC) No 273/2004 on drug precursors**

None of the ingredients is listed.

**Regulation (EC) No 111/2005 laying down rules for the monitoring of trade between the Community and third countries in drug precursors**

None of the ingredients is listed.

**National regulations:**

**Information about limitation of use:**

Employment restrictions concerning juveniles must be observed.

Employment restrictions concerning pregnant and lactating women must be observed.

**15.2 Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

**\* SECTION 16: Other information**

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

**Relevant phrases**

H242 Heating may cause a fire.

H271 May cause fire or explosion; strong oxidiser.

H302 Harmful if swallowed.

H314 Causes severe skin burns and eye damage.

H315 Causes skin irritation.

H318 Causes serious eye damage.

H319 Causes serious eye irritation.

H332 Harmful if inhaled.

H335 May cause respiratory irritation.

H412 Harmful to aquatic life with long lasting effects.

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

Organic peroxides

On basis of test data

Acute toxicity - oral

Acute toxicity - inhalation

Skin corrosion/irritation

Serious eye damage/eye irritation

The classification of the mixture is generally based on the calculation method using substance data according to Regulation (EC) No 1272/2008.

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**Abbreviations and acronyms:**

ADR: Accord relatif au transport international des marchandises dangereuses par route (European Agreement Concerning the International Carriage of Dangerous Goods by Road)  
IMDG: International Maritime Code for Dangerous Goods  
IATA: International Air Transport Association  
GHS: Globally Harmonised System of Classification and Labelling of Chemicals  
EINECS: European Inventory of Existing Commercial Chemical Substances  
ELINCS: European List of Notified Chemical Substances  
CAS: Chemical Abstracts Service (division of the American Chemical Society)  
DNEL: Derived No-Effect Level (REACH)  
PNEC: Predicted No-Effect Concentration (REACH)  
LC50: Lethal concentration, 50 percent  
LD50: Lethal dose, 50 percent  
PBT: Persistent, Bioaccumulative and Toxic  
vPvB: very Persistent and very Bioaccumulative  
Ox. Liq. 1: Oxidizing liquids – Category 1  
Org. Perox. D: Organic peroxides – Type C/D  
Acute Tox. 4: Acute toxicity – Category 4  
Skin Corr. 1A: Skin corrosion/irritation – Category 1A  
Skin Corr. 1B: Skin corrosion/irritation – Category 1B  
Skin Irrit. 2: Skin corrosion/irritation – Category 2  
Eye Dam. 1: Serious eye damage/eye irritation – Category 1  
Eye Irrit. 2: Serious eye damage/eye irritation – Category 2  
STOT SE 3: Specific target organ toxicity (single exposure) – Category 3  
Aquatic Chronic 3: Hazardous to the aquatic environment - long-term aquatic hazard – Category 3

**Sources** European Chemicals Agency, <http://echa.europa.eu/>

**\* Data compared to the previous version altered.**