

Safety Data Sheet

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This Safety Data Sheet has been prepared in accordance with the REACH Regulation (EC) 1907/2006 and its modifications.

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

1.1. Product identifier

Acota FC-43 Electronic Liquid

REACH registration number	CASRN	EC Number	Ingredient Name
01-2119980930-31-0000		939-511-7	Reaction mass of 1,1,2,2,3,3,4,4,4nonafluoro-N,Nbis(nonafluorobutyl)butan-1-amine and 1,1,2,2,3,3,4,4,4-nonafluoro-N-[1,1,2,3,3hexafluoro-2-(trifluoromethyl)propyl]-N(1,1,2,2,3,3,4,4,4-nonafluorobutyl)butan1-amine

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

Identified uses

For Industrial Use Only, as Testing Fluid or Heat Transfer Fluid for Electronics. Not Intended for Use as a Medical Device or Drug.

Restrictions on Use

Acota Electronic Liquids are used in a wide variety of applications, including but not limited to precision cleaning of medical devices and as lubricant deposition solvents for medical devices. When the product is used for applications where the finished device is implanted into the human body, no residual Acota solvent may remain on the parts. It is highly recommended that the supporting test results and protocol be cited during FDA registration.

1.3. Details of the supplier of the substance or mixture

Address: Acota Limited, Centrepoint, Knights Way, Shrewsbury SY1 3BF. UK

E Mail: sales@acota.co.uk

Website: www.acota.co.uk

1.4. Emergency telephone number

+44 (0)1743 466200

SECTION 2: Hazard identification

2.1. Classification of the substance or mixture
CLP REGULATION (EC) No 1272/2008

CLASSIFICATION:

This material is not classified as hazardous according to Regulation (EC) No. 1272/2008, as amended, on classification, labelling, and packaging of substances and mixtures.

2.2. Label elements CLP REGULATION (EC) No 1272/2008

Not applicable

Ingredients:

Ingredient	CAS Nbr	EC No.	% by Wt
Reaction mass of 1,1,2,2,3,3,4,4,4-nonafluoro-N,N-bis(nonafluorobutyl)butan-1-amine and 1,1,2,2,3,3,4,4,4-nonafluoro-N-[1,1,2,3,3-hexafluoro-2-(trifluoromethyl)propyl]-N-(1,1,2,2,3,3,4,4,4-nonafluorobutyl)butan-1-amine		939-511-7	100

2.3. Other hazards

None known.

SECTION 3: Composition/information on ingredients

Ingredient	CAS Nbr	EC No.	REAC H Registr ation No.	% by Wt	Classification
Reaction mass of 1,1,2,2,3,3,4,4,4-nonafluoro-N,N-bis(nonafluorobutyl)butan-1-amine and 1,1,2,2,3,3,4,4,4-nonafluoro-N-[1,1,2,3,3-hexafluoro-2-(trifluoromethyl)propyl]-N-(1,1,2,2,3,3,4,4,4-nonafluorobutyl)butan-1-amine		939-511-7		100	Substance not classified as hazardous

Note: Any entry in the EC# column that begins with the numbers 6, 7, 8, or 9 are a Provisional List Number provided by ECHA pending publication of the official EC Inventory Number for the substance.

Please see section 16 for the full text of any H statements referred to in this section

For information on ingredient occupational exposure limits or PBT or vPvB status, see sections 8 and 12 of this SDS

SECTION 4: First aid measures

4.1. Description of first aid measures

Inhalation

Remove person to fresh air. If you feel unwell, get medical attention.

Skin contact

Wash with soap and water. If signs/symptoms develop, get medical attention.

Eye contact

Flush with large amounts of water. Remove contact lenses if easy to do. Continue rinsing. If signs/symptoms persist, get medical attention.

If swallowed

Rinse mouth. If you feel unwell, get medical attention.

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

See Section 11.1 Information on toxicological effects

4.3. Indication of any immediate medical attention and special treatment required

Not applicable

SECTION 5: Fire-fighting measures**5.1. Extinguishing media**

Use a fire fighting agent suitable for the surrounding fire.

5.2. Special hazards arising from the substance or mixture

Exposure to extreme heat can give rise to thermal decomposition.

Hazardous Decomposition or By-Products**Substance**

Carbon monoxide.

Carbon dioxide.

Condition

During combustion.

During combustion.

5.3. Advice for fire-fighters

When fire fighting conditions are severe and total thermal decomposition of the product is possible, wear full protective clothing, including helmet, self-contained, positive pressure or pressure demand breathing apparatus, tunic and trousers (leggings), bands around arms, waist and legs, face mask, and protective covering for exposed areas of the head.

SECTION 6: Accidental release measures**6.1. Personal precautions, protective equipment and emergency procedures**

Ventilate the area with fresh air. Observe precautions from other sections.

6.2. Environmental precautions

Avoid release to the environment. For larger spills, cover drains and build dykes to prevent entry into sewer systems or bodies of water.

6.3. Methods and material for containment and cleaning up

Contain spill. Working from around the edges of the spill inward, cover with bentonite, vermiculite, or commercially available inorganic absorbent material. Mix in sufficient absorbent until it appears dry. Remember, adding an absorbent material does not remove a physical, health, or environmental hazard. Collect as much of the spilled material as possible. Place in a closed container approved for transportation by appropriate authorities. Clean up residue with an appropriate solvent selected by a qualified and authorised person. Ventilate the area with fresh air. Read and follow safety precautions on the solvent label and Safety Data Sheet. Seal the container. Dispose of collected material as soon as possible.

6.4. Reference to other sections

Refer to Section 8 and Section 13 for more information

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Avoid inhalation of thermal decomposition products. Avoid skin contact with hot material. For industrial/occupational use only. Not for consumer sale or use. Store work clothes separately from other clothing, food and tobacco products. Avoid release to the environment. Keep away from reactive metals (eg. Aluminium, zinc etc.) to avoid the formation of hydrogen gas that could create an explosion hazard. No smoking: Smoking while using this product can result in contamination of the tobacco and/or smoke and lead to the formation of hazardous decomposition products.

7.2. Conditions for safe storage including any incompatibilities

Store away from heat.

7.3. Specific end use(s)

See information in Section 7.1 and 7.2 for handling and storage recommendations. See Section 8 for exposure controls and personal protection recommendations.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Occupational exposure limits

No occupational exposure limit values exist for any of the components listed in Section 3 of this Safety Data Sheet.

Biological limit values

No biological limit values exist for any of the components listed in Section 3 of this safety data sheet.

8.2. Exposure controls

8.2.1. Engineering controls

Provide appropriate local exhaust when product is heated. Use general dilution ventilation and/or local exhaust ventilation to control airborne exposures to below relevant Exposure Limits and/or control dust/fume/gas/mist/vapours/spray. If ventilation is not adequate, use respiratory protection equipment.

8.2.2. Personal protective equipment (PPE)

Eye/face protection

None required.

Skin/hand protection

Select and use gloves and/or protective clothing approved to relevant local standards to prevent skin contact based on the results of an exposure assessment. Selection should be based on use factors such as exposure levels, concentration of the substance or mixture, frequency and duration, physical challenges such as temperature extremes, and other use conditions. Consult with your glove and/or protective clothing manufacturer for selection of appropriate compatible gloves/protective clothing.

Gloves made from the following material(s) are recommended:

Material	Thickness (mm)	Breakthrough Time
Neoprene.	No data available	No data available

Applicable Norms/Standards

Use gloves tested to EN 374

If this product is used in a manner that presents a higher potential for exposure (eg. spraying, high splash potential etc.), then use of protective coveralls may be necessary. Select and use body protection to prevent contact based on the results of an exposure assessment. The following protective clothing material(s) are recommended: Neoprene apron. **Respiratory protection**

During heating:

Use a positive pressure supplied-air respirator if there is a potential for over exposure from an uncontrolled release, exposure levels are not known, or under any other circumstances where air-purifying respirators may not provide adequate protection.

Thermal hazards

Wear heat insulating gloves when handling hot material to prevent thermal burns.

Applicable Norms/Standards

Use gloves tested to EN 407

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance

Physical state

Liquid.

Colour

Colourless

Specific Physical Form:

Liquid.

Odor

Odourless

Odour threshold

No data available.

pH

Not applicable.

Boiling point/boiling range

165 - 185 °C

Melting point

Not applicable.

Flammability (solid, gas)

Not applicable.

Explosive properties

Not classified

Oxidising properties

Not classified

Flash point

No flash point

Autoignition temperature

No data available.

Flammable Limits(LEL)

None detected

Flammable Limits(UEL)

None detected

Vapour pressure

173.3 Pa [@ 20 °C]

Relative density

1.9 [Ref Std:WATER=1]

Water solubility

Nil

Solubility- non-water

No data available.

Partition coefficient: n-octanol/water

No data available.

Evaporation rate

> 1 [Ref Std:BUOAC=1]

Vapour density

23.3 [@ 20 °C] [Ref Std:AIR=1]

Decomposition temperature

Not applicable.

Viscosity

2.8 mm²/sec [@ 20 °C]

Density

1.9 g/ml

9.2. Other information

EU Volatile Organic Compounds

1,900 g/l

Molecular weight

No data available.

Percent volatile

100 %

SECTION 10: Stability and reactivity

10.1 Reactivity

This material may be reactive with certain agents under certain conditions - see the remaining headings in this section

10.2 Chemical stability

Stable.

10.3 Possibility of hazardous reactions

Hazardous polymerisation will not occur.

10.4 Conditions to avoid

Heat.

10.5 Incompatible materials

Finely divided active metals
Alkali and alkaline earth metals.

10.6 Hazardous decomposition products

<u>Substance</u>	<u>Condition</u>
Hydrogen Fluoride	At elevated temperatures. - greater than 200 °C
Perfluoroisobutylene (PFIB).	At elevated temperatures. - greater than 200 °C

Refer to section 5.2 for hazardous decomposition products during combustion.

If the product is exposed to extreme conditions of heat from misuse or equipment failure, toxic decomposition products that include hydrogen fluoride and perfluoroisobutylene can occur.

SECTION 11: Toxicological information

The information below may not agree with the EU material classification in Section 2 and/or the ingredient classifications in Section 3 if specific ingredient classifications are mandated by a competent authority. In addition, statements and data presented in Section 11 are based on UN GHS calculation rules and classifications derived from Acota assessments.

11.1 Information on Toxicological effects

Signs and Symptoms of Exposure

Based on test data and/or information on the components, this material may produce the following health effects:

Inhalation

No known health effects.

Skin contact

Contact with the skin during product use is not expected to result in significant irritation.

Eye contact

Contact with the eyes during product use is not expected to result in significant irritation.

Ingestion

No known health effects.

Toxicological Data

If a component is disclosed in section 3 but does not appear in a table below, either no data are available for that endpoint or the data are not sufficient for classification.

Acute Toxicity

Name	Route	Species	Value
Reaction mass of 1,1,2,2,3,3,4,4,4-nonafluoro-N,Nbis(nonafluorobutyl)butan-1-amine and 1,1,2,2,3,3,4,4,4-nonafluoro-N-[1,1,2,3,3-hexafluoro-2-(trifluoromethyl)propyl]-N-(1,1,2,2,3,3,4,4,4-nonafluorobutyl)butan-1-amine	Dermal	Professional judgement	LD50 estimated to be > 5,000 mg/kg
Reaction mass of 1,1,2,2,3,3,4,4,4-nonafluoro-N,Nbis(nonafluorobutyl)butan-1-amine and 1,1,2,2,3,3,4,4,4-nonafluoro-N-[1,1,2,3,3-hexafluoro-2-(trifluoromethyl)propyl]-N-(1,1,2,2,3,3,4,4,4-nonafluorobutyl)butan-1-amine	Inhalation Vapour (4 hours)	Rat	LC50 > 9.5 mg/l
Reaction mass of 1,1,2,2,3,3,4,4,4-nonafluoro-N,Nbis(nonafluorobutyl)butan-1-amine and 1,1,2,2,3,3,4,4,4-nonafluoro-N-[1,1,2,3,3-hexafluoro-2-(trifluoromethyl)propyl]-N-(1,1,2,2,3,3,4,4,4-nonafluorobutyl)butan-1-amine	Ingestion	Rat	LD50 > 10,000 mg/kg

ATE = acute toxicity estimate

Skin Corrosion/Irritation

Name	Species	Value
Reaction mass of 1,1,2,2,3,3,4,4,4-nonafluoro-N,N-bis(nonafluorobutyl)butan-1-amine and 1,1,2,2,3,3,4,4,4-nonafluoro-N-[1,1,2,3,3-hexafluoro-2-(trifluoromethyl)propyl]-N-(1,1,2,2,3,3,4,4,4-nonafluorobutyl)butan-1-amine	Rabbit	No significant irritation

Serious Eye Damage/Irritation

Name	Species	Value
Reaction mass of 1,1,2,2,3,3,4,4,4-nonafluoro-N,N-bis(nonafluorobutyl)butan-1-amine and 1,1,2,2,3,3,4,4,4-nonafluoro-N-[1,1,2,3,3-hexafluoro-2-(trifluoromethyl)propyl]-N-(1,1,2,2,3,3,4,4,4-nonafluorobutyl)butan-1-amine	Rabbit	No significant irritation

Skin Sensitisation

For the component/components, either no data is currently available or the data is not sufficient for classification.

Respiratory Sensitisation

For the component/components, either no data is currently available or the data is not sufficient for classification.

Germ Cell Mutagenicity

For the component/components, either no data is currently available or the data is not sufficient for classification.

Carcinogenicity

For the component/components, either no data is currently available or the data is not sufficient for classification.

Reproductive Toxicity

Reproductive and/or Developmental Effects

Name	Route	Value	Species	Test result	Exposure Duration
Reaction mass of 1,1,2,2,3,3,4,4,4nonafluoro-N,N-bis(nonafluorobutyl)butan1-amine and 1,1,2,2,3,3,4,4,4nonafluoro-N-[1,1,2,3,3-hexafluoro-2(trifluoromethyl)propyl]-N-(1,1,2,2,3,3,4,4,4nonafluorobutyl)butan-1amine	Ingestion	Not classified for female reproduction	Rat	NOAEL 1,288 mg/kg/day	premating & during gestation
Reaction mass of 1,1,2,2,3,3,4,4,4nonafluoro-N,N-bis(nonafluorobutyl)butan1-amine and 1,1,2,2,3,3,4,4,4nonafluoro-N-[1,1,2,3,3-hexafluoro-2(trifluoromethyl)propyl]-N-(1,1,2,2,3,3,4,4,4nonafluorobutyl)butan-1amine	Ingestion	Not classified for male reproduction	Rat	NOAEL 1,288 mg/kg/day	28 days
Reaction mass of 1,1,2,2,3,3,4,4,4nonafluoro-N,N-bis(nonafluorobutyl)butan1-amine and 1,1,2,2,3,3,4,4,4nonafluoro-N-[1,1,2,3,3-hexafluoro-2(trifluoromethyl)propyl]-N-(1,1,2,2,3,3,4,4,4nonafluorobutyl)butan-1amine	Ingestion	Not classified for development	Rat	NOAEL 1,288 mg/kg/day	during gestation

Target Organ(s)

Specific Target Organ Toxicity - single exposure

For the component/components, either no data is currently available or the data is not sufficient for classification.

Specific Target Organ Toxicity - repeated exposure

Name	Route	Target Organ(s)	Value	Species	Test result	Exposure Duration
Reaction mass of 1,1,2,2,3,3,4,4,4nonafluoro-N,N-bis(nonafluorobutyl)butan1-amine and 1,1,2,2,3,3,4,4,4nonafluoro-N-[1,1,2,3,3hexafluoro-2-(trifluoromethyl)propyl]N-(1,1,2,2,3,3,4,4,4nonafluorobutyl)butan-1amine	Ingestion	endocrine system gastrointestinal tract hematopoietic system liver immune system nervous system kidney and/or bladder respiratory system	Not classified	Rat	NOAEL 1,545 mg/kg/day	13 weeks

Aspiration Hazard

For the component/components, either no data is currently available or the data is not sufficient for classification.

Please contact the address or phone number listed on the first page of the SDS for additional toxicological information on this material and/or its components.

SECTION 12: Ecological information

The information below may not agree with the EU material classification in Section 2 and/or the ingredient classifications in Section 3 if specific ingredient classifications are mandated by a competent authority. In addition, statements and data presented in Section 12 are based on UN GHS calculation rules and classifications derived from Acota assessments.

12.1. Toxicity

No product test data available.

Material	CAS #	Organism	Type	Exposure	Test endpoint	Test result
Reaction mass of 1,1,2,2,3,3,4,4,4nonafluoro-N,Nbis(nonafluorobutyl)but an-1-amine and 1,1,2,2,3,3,4,4,4nonafluoro-N-[1,1,2,3,3-hexafluoro-2-(trifluoromethyl)propyl]-N-(1,1,2,2,3,3,4,4,4nonafluorobutyl)butan 1-amine	939-511-7	Green Algae	Estimated	72 hours	No tox obs at lmt of water sol	>100 mg/l
Reaction mass of 1,1,2,2,3,3,4,4,4nonafluoro-N,Nbis(nonafluorobutyl)but	939-511-7	Zebra Fish	Estimated	96 hours	No tox obs at lmt of water sol	>100 mg/l

an-1-amine and 1,1,2,2,3,3,4,4,4nonafluoro-N-[1,1,2,3,3-hexafluoro-2-(trifluoromethyl)propyl]-N-(1,1,2,2,3,3,4,4,4nonafluorobutyl)butan 1-amine						
Reaction mass of 1,1,2,2,3,3,4,4,4nonafluoro-N,Nbis(nonafluorobutyl)but an-1-amine and 1,1,2,2,3,3,4,4,4nonafluoro-N-[1,1,2,3,3-hexafluoro-2-(trifluoromethyl)propyl]-N-(1,1,2,2,3,3,4,4,4nonafluorobutyl)butan 1-amine	939-511-7	Fathead minnow	Experimental	96 hours	LC50	>100 mg/l
Reaction mass of 1,1,2,2,3,3,4,4,4nonafluoro-N,Nbis(nonafluorobutyl)but an-1-amine and 1,1,2,2,3,3,4,4,4nonafluoro-N-[1,1,2,3,3-hexafluoro-2-(trifluoromethyl)propyl]-N-(1,1,2,2,3,3,4,4,4nonafluorobutyl)butan 1-amine	939-511-7	Water flea	Experimental	48 hours	EC50	>100 mg/l

Reaction mass of 1,1,2,2,3,3,4,4,4nonafluoro-N,Nbis(nonafluorobutyl)but an-1-amine and 1,1,2,2,3,3,4,4,4nonafluoro-N-[1,1,2,3,3-hexafluoro-2-(trifluoromethyl)propyl]-N-(1,1,2,2,3,3,4,4,4nonafluorobutyl)butan 1-amine	939-511-7	Water flea	Experimental	48 hours	No tox obs at lmt of water sol	>100 mg/l
Reaction mass of 1,1,2,2,3,3,4,4,4nonafluoro-N,Nbis(nonafluorobutyl)but an-1-amine and 1,1,2,2,3,3,4,4,4nonafluoro-N-[1,1,2,3,3-hexafluoro-2-(trifluoromethyl)propyl]-N-(1,1,2,2,3,3,4,4,4nonafluorobutyl)butan 1-amine	939-511-7	Green Algae	Estimated	72 hours	No tox obs at lmt of water sol	>100 mg/l
Reaction mass of 1,1,2,2,3,3,4,4,4nonafluoro-N,Nbis(nonafluorobutyl)but an-1-amine and 1,1,2,2,3,3,4,4,4nonafluoro-N-[1,1,2,3,3-hexafluoro-2-(trifluoromethyl)propyl]-N-(1,1,2,2,3,3,4,4,4nonafluorobutyl)butan 1-amine	939-511-7	Water flea	Experimental	21 days	NOEC	>100 mg/l

Reaction mass of 1,1,2,2,3,3,4,4,4nonafluoro-N,Nbis(nonafluorobutyl)butan-1-amine and 1,1,2,2,3,3,4,4,4nonafluoro-N-[1,1,2,3,3-hexafluoro-2-(trifluoromethyl)propyl]-N-(1,1,2,2,3,3,4,4,4nonafluorobutyl)butan-1-amine	939-511-7	Water flea	Experimental	21 days	No tox obs at lmt of water sol	>100 mg/l
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12.2. Persistence and degradability

Material	CAS Nbr	Test type	Duration	Study Type	Test result	Protocol
Reaction mass of 1,1,2,2,3,3,4,4,4nonafluoro-N,N-bis(nonafluorobutyl)butan-1-amine and 1,1,2,2,3,3,4,4,4nonafluoro-N-[1,1,2,3,3hexafluoro-2-(trifluoromethyl)propyl]-N-(1,1,2,2,3,3,4,4,4nonafluorobutyl)butan-1-amine	939-511-7	Estimated Photolysis		Photolytic half-life (in air)	100-210 years (t 1/2)	Other methods
Reaction mass of 1,1,2,2,3,3,4,4,4nonafluoro-N,N-bis(nonafluorobutyl)butan-1-amine and 1,1,2,2,3,3,4,4,4nonafluoro-N-[1,1,2,3,3hexafluoro-2-(trifluoromethyl)propyl]-N-(1,1,2,2,3,3,4,4,4nonafluorobutyl)butan-1-amine	939-511-7	Estimated Biodegradation	28 days	CO2 evolution	0 % CO2 evolution/THC O2 evolution	OECD 310 CO2 Headspace

12.3 : Bioaccumulative potential

Material	Cas No.	Test type	Duration	Study Type	Test result	Protocol
Reaction mass of 1,1,2,2,3,3,4,4,4nonafluoro-N,N-bis(nonafluorobutyl)butan-1-amine and 1,1,2,2,3,3,4,4,4nonafluoro-N-[1,1,2,3,3hexafluoro-2-(trifluoromethyl)propyl]-N-(1,1,2,2,3,3,4,4,4nonafluorobutyl)butan-1-amine	939-511-7	Data not available or insufficient for classification	N/A	N/A	N/A	N/A
Reaction mass of 1,1,2,2,3,3,4,4,4nonafluoro-N,N-bis(nonafluorobutyl)butan-1-amine and 1,1,2,2,3,3,4,4,4nonafluoro-N-[1,1,2,3,3hexafluoro-2-(trifluoromethyl)propyl]-N-(1,1,2,2,3,3,4,4,4nonafluorobutyl)butan-1-amine	939-511-7	Experimental Bioconcentration		Log Kow	6.1	Other methods

12.4. Mobility in soil

Please contact manufacturer for more details

12.5. Results of the PBT and vPvB assessment

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

12.6. Other adverse effects

Material	CAS Nbr	Ozone Depletion Potential	Global Warming Potential
reaction mass of 1,1,2,2,3,3,4,4,4nonafluoro-n,nbis(nonafluorobutyl)butan-1-amine and 1,1,2,2,3,3,4,4,4-nonafluoro-n-[1,1,2,3,3-hexafluoro-2-(trifluoromethyl)propyl]-n-(1,1,2,2,3,3,4,4,4-nonafluorobutyl)butan-1-amine	939-511-7	0	

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Dispose of contents/ container in accordance with the local/regional/national/international regulations.

Dispose of waste product in a permitted industrial waste facility. As a disposal alternative, incinerate in a permitted waste incineration facility. Proper destruction may require the use of additional fuel during incineration processes. Combustion products will include HF. Facility must be capable of handling halogenated materials. Empty drums/barrels/containers used for transporting and handling hazardous chemicals (chemical substances/mixtures/preparations classified as Hazardous as per applicable regulations) shall be considered, stored, treated & disposed of as hazardous wastes unless otherwise defined by applicable waste regulations. Consult with the respective regulating authorities to determine the available treatment and disposal facilities.

The coding of a waste stream is based on the application of the product by the consumer. Since this is out of the control of Acota, no waste code(s) for products after use will be provided. Please refer to the European Waste Code (EWC - 2000/532/EC and amendments) to assign the correct waste code to your waste stream. Ensure national and/or regional regulations are complied with and always use a licensed waste contractor.

EU waste code (product as sold)

- 070103* Organic halogenated solvents, washing liquids and mother liquors
- 14 06 02* Other halogenated solvents and solvent mixtures

SECTION 14: Transportation information

Not hazardous for transportation

SECTION 15: Regulatory information

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

15.2. Chemical Safety Assessment

A chemical safety assessment has not been carried out for this substance/mixture in accordance with Regulation (EC) No 1907/2006, as amended.

SECTION 16: Other information

Revision information:

Section 1: Product use information information was modified.
Section 1: REACH registration number information was modified.
Section 1: Restrictions on use information information was modified.
CLP: Ingredient table information was modified.
Section 3: Composition/ Information of ingredients table information was modified.
Section 4: First aid for ingestion (swallowing) information information was modified.
Section 4: First aid for inhalation information information was modified.
Section 5: Fire - Extinguishing media information information was modified.
Section 7: Precautions safe handling information information was modified.
Section 8: Appropriate Engineering controls information information was modified.
Section 8: glove data value information was added.
Section 8: Personal Protection - Respiratory Information information was modified.
Section 8: Personal Protection - Skin/body information information was added.
Section 8: Personal Protection - Skin/hand information information was modified.
Section 8: Skin protection - protective clothing information information was added.
Section 8: Skin protection - recommended gloves text information was added.
Section 09: Color information was added.
Section 09: Odor information was added.
Sections 3 and 9: Odour, colour, grade information information was deleted.
Section 11: Acute Toxicity table information was modified.
Section 11: Germ Cell Mutagenicity Table information was deleted.
Section 11: Germ Cell Mutagenicity text information was added.
Section 11: Health Effects - Inhalation information information was modified.
Section 11: Reproductive Toxicity Table information was added.
Section 11: Serious Eye Damage/Irritation Table information was modified.
Section 11: Skin Corrosion/Irritation Table information was modified.
Section 11: Specific Target Organ Toxicity - single exposure text information was deleted.
Section 11: Target Organs - Repeated Table information was modified.
Section 12: Component ecotoxicity information information was modified.
Section 12: Persistence and Degradability information information was modified.
Section 12:Biocumulative potential information information was modified.
Section 13: Standard Phrase Category Waste GHS information was modified.
Section 15: Regulations - Inventories information was deleted.

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