

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006

# LANXESS

Energizing Chemistry

## Anderol OGWR-0 Spray

Version	Revision Date:	SDS Number:	Date of last issue: 27.11.2017
1.5	13.10.2020	000000041855	Date of first issue: 15.05.2015

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

#### 1.1 Product identifier

Trade name : Anderol OGWR-0 Spray

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

Use of the Sub-  
stance/Mixture : Lubricant

Recommended restrictions : Reserved for industrial and professional use.  
on use

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

:

Company:

Manufacturer  
Anderol Specialty Lubricants  
Groot Egtenrayseweg 23  
5928 PA Venlo  
Netherlands

Telephone : +31-77 396 0340

Supplier  
LANXESS Solutions UK Ltd.  
Tenax Road, Trafford Park  
Manchester  
United Kingdom  
M17 1WT

Customer Service:  
Prepared by

+44 161 875 3800  
Product Safety Department  
(US) +1 866-430-2775

Further information for the safety data sheet : MSDSRe-  
quest@lanxess.com

#### 1.4 Emergency telephone number

Emergency telephone  
number: +44 (0) 1235 239 670 (NCEC)

For additional emergency telephone numbers see section 16 of  
the Safety Data Sheet.

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006

# LANXESS

Energizing Chemistry

## Anderol OGWR-0 Spray

Version 1.5      Revision Date: 13.10.2020      SDS Number: 000000041855      Date of last issue: 27.11.2017  
Date of first issue: 15.05.2015

### SECTION 2: Hazards identification

#### 2.1 Classification of the substance or mixture

##### Classification (REGULATION (EC) No 1272/2008)

Aerosols, Category 1	H222: Extremely flammable aerosol. H229: Pressurised container: May burst if heated.
Reproductive toxicity, Category 2	H361: Suspected of damaging fertility or the unborn child.
Specific target organ toxicity - single exposure, Category 3, Central nervous system	H336: May cause drowsiness or dizziness.
Aspiration hazard, Category 1	H304: May be fatal if swallowed and enters airways.
Long-term (chronic) aquatic hazard, Category 2	H411: Toxic to aquatic life with long lasting effects.

#### 2.2 Label elements

##### Labelling (REGULATION (EC) No 1272/2008)

Hazard pictograms :



Signal word : Danger

Hazard statements :  
H222 Extremely flammable aerosol.  
H229 Pressurised container: May burst if heated.  
H304 May be fatal if swallowed and enters airways.  
H336 May cause drowsiness or dizziness.  
H361 Suspected of damaging fertility or the unborn child.  
H411 Toxic to aquatic life with long lasting effects.

Precautionary statements :  
**Prevention:**  
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/ protective clothing/ eye protection/ face protection.

##### **Response:**

P301 + P310 IF SWALLOWED: Immediately call a POISON CENTER/ doctor.  
P331 Do NOT induce vomiting.

##### **Storage:**

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006

# LANXESS

Energizing Chemistry

## Anderol OGWR-0 Spray

Version 1.5      Revision Date: 13.10.2020      SDS Number: 000000041855      Date of last issue: 27.11.2017  
Date of first issue: 15.05.2015

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

Hazardous components which must be listed on the label:

Naphtha (petroleum), hydrotreated light  
n-hexane  
cyclohexane

### Additional Labelling

The following percentage of the mixture consists of ingredient(s) with unknown acute oral toxicity: 29.9999 %

The following percentage of the mixture consists of ingredient(s) with unknown acute dermal toxicity: 29.9999 %

The following percentage of the mixture consists of ingredient(s) with unknown acute inhalation toxicity: 29.9999 %

The following percentage of the mixture consists of ingredient(s) with unknown hazards to the aquatic environment: 29.9999 %

### 2.3 Other hazards

This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

## SECTION 3: Composition/information on ingredients

### 3.2 Mixtures

#### Components

Chemical name	CAS-No. EC-No. Index-No. Registration number	Classification	Concentration (% w/w)
Naphtha (petroleum), hydrotreated light	64742-49-0 265-151-9 649-328-00-1	Asp. Tox. 1; H304 Aquatic Chronic 2; H411 STOT SE 3; H336 Flam. Liq. 2; H225	>= 10 - < 20
n-hexane	110-54-3 203-777-6 601-037-00-0 01-2119480412-44- xxxx	Flam. Liq. 2; H225 Repr. 2; H361 Asp. Tox. 1; H304 STOT RE 2; H373 Skin Irrit. 2; H315 STOT SE 3; H336 Aquatic Chronic 2; H411	>= 3 - < 5
cyclohexane	110-82-7 203-806-2 601-017-00-1 01-2119463273-41- xxxx	Flam. Liq. 2; H225 Asp. Tox. 1; H304 Skin Irrit. 2; H315 STOT SE 3; H336 Aquatic Acute 1; H400 Aquatic Chronic 1; H410	>= 2.5 - < 10

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006

# LANXESS

Engerizing Chemistry

## Anderol OGWR-0 Spray

Version	Revision Date:	SDS Number:	Date of last issue: 27.11.2017
1.5	13.10.2020	000000041855	Date of first issue: 15.05.2015

---

For explanation of abbreviations see section 16.

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### SECTION 4: First aid measures

#### 4.1 Description of first aid measures

- If inhaled : Remove victim to fresh air and keep at rest in a position comfortable for breathing.  
If not breathing, give artificial respiration.  
Call a physician or poison control centre immediately.  
If breathing is difficult, give oxygen.  
Keep respiratory tract clear.
- In case of skin contact : Wash off with soap and plenty of water.  
Take off contaminated clothing and wash before reuse.
- In case of eye contact : If eye irritation persists, consult a specialist.
- If swallowed : Rinse mouth with water.  
If victim is fully conscious, give a cupful of water.  
DO NOT induce vomiting unless directed to do so by a physician or poison control center.  
Never give anything by mouth to an unconscious person.  
If symptoms persist, call a physician.  
Do not give milk or alcoholic beverages.  
Obtain medical attention.

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

- Symptoms : No information available.
- Risks : No information available.

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

- Treatment : No information available.
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### SECTION 5: Firefighting measures

#### 5.1 Extinguishing media

- Suitable extinguishing media : Water mist  
Dry powder  
Alcohol-resistant foam  
Carbon dioxide (CO<sub>2</sub>)
- Unsuitable extinguishing media : High volume water jet

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

- Specific hazards during fire-fighting : Burning produces irritant fumes.  
Burning produces noxious and toxic fumes.

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006

# LANXESS

Energizing Chemistry

## Anderol OGWR-0 Spray

Version	Revision Date:	SDS Number:	Date of last issue: 27.11.2017
1.5	13.10.2020	000000041855	Date of first issue: 15.05.2015

---

### 5.3 Advice for firefighters

- Special protective equipment for firefighters : Wear full protective clothing and self-contained breathing apparatus.
- Further information : Use water spray to cool unopened containers. Collect contaminated fire extinguishing water separately. This must not be discharged into drains. Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.

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## SECTION 6: Accidental release measures

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

- Personal precautions : Use personal protective equipment. Ensure adequate ventilation. Remove all sources of ignition. Evacuate personnel to safe areas. Beware of vapours accumulating to form explosive concentrations. Vapours can accumulate in low areas. Material can create slippery conditions. Forms slippery/greasy layers with water.

### 6.2 Environmental precautions

- Environmental precautions : Prevent product from entering drains. Prevent further leakage or spillage if safe to do so. If the product contaminates rivers and lakes or drains inform respective authorities. Avoid release to the environment. The product should not be allowed to enter drains, water courses or the soil.

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

- Methods for cleaning up : Pick up and arrange disposal without creating dust. Sweep up and shovel. Keep in suitable, closed containers for disposal.

### 6.4 Reference to other sections

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## SECTION 7: Handling and storage

### 7.1 Precautions for safe handling

- Advice on safe handling : For personal protection see section 8. No special handling advice required. Do not smoke. Open drum carefully as content may be under pressure.
- Advice on protection against fire and explosion : Normal measures for preventive fire protection.

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006

# LANXESS

Energizing Chemistry

## Anderol OGWR-0 Spray

Version 1.5      Revision Date: 13.10.2020      SDS Number: 000000041855      Date of last issue: 27.11.2017  
Date of first issue: 15.05.2015

Hygiene measures : General industrial hygiene practice.

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

Requirements for storage areas and containers : BEWARE: Aerosol is pressurized. Keep away from direct sun exposure and temperatures over 50 °C. Do not open by force or throw into fire even after use. Do not spray on flames or red-hot objects. Keep container tightly closed in a dry and well-ventilated place.

Advice on common storage : No special restrictions on storage with other products.

Further information on storage stability : No decomposition if stored and applied as directed.

### 7.3 Specific end use(s)

Specific use(s) : Lubricant

## SECTION 8: Exposure controls/personal protection

### 8.1 Control parameters

#### Derived No Effect Level (DNEL) according to Regulation (EC) No. 1907/2006:

Substance name	End Use	Exposure routes	Potential health effects	Value
cyclohexane	Workers	Inhalation	Long-term systemic effects	700 mg/m <sup>3</sup>
	Workers	Dermal	Long-term systemic effects	2016 mg/kg

### 8.2 Exposure controls

#### Engineering measures

Provide sufficient air exchange and/or exhaust in work rooms.

#### Personal protective equipment

Eye protection : Tightly fitting safety goggles

Hand protection

Remarks : Polyvinyl alcohol or nitrile- butyl-rubber gloves

Skin and body protection : Protective suit

Respiratory protection : No personal respiratory protective equipment normally required.

## SECTION 9: Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

Appearance : aerosol

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006

# LANXESS

Energizing Chemistry

## Anderol OGWR-0 Spray

Version	Revision Date:	SDS Number:	Date of last issue: 27.11.2017
1.5	13.10.2020	000000041855	Date of first issue: 15.05.2015

---

Colour	:	black
Odour	:	characteristic
Odour Threshold	:	not determined
Boiling point/boiling range	:	-44 °C
Flash point	:	-97 °C
Flammability (solid, gas)	:	Extremely flammable aerosol.
Vapour pressure	:	8,300 hPa (20 °C)
Density	:	0.701 g/cm <sup>3</sup> (20 °C)
Solubility(ies)	:	
Water solubility	:	immiscible
Auto-ignition temperature	:	285 °C
Viscosity	:	
Viscosity, dynamic	:	not determined
Viscosity, kinematic	:	not determined

### 9.2 Other information

Oxidizing potential	:	No information available.
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## SECTION 10: Stability and reactivity

### 10.1 Reactivity

Stable under recommended storage conditions.

### 10.2 Chemical stability

No decomposition if stored and applied as directed.

### 10.3 Possibility of hazardous reactions

Hazardous reactions	:	No hazards to be specially mentioned.
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### 10.4 Conditions to avoid

Conditions to avoid	:	Heat, flames and sparks.
		Contamination
		Extremes of temperature and direct sunlight.

### 10.5 Incompatible materials

Materials to avoid	:	Strong oxidizing agents
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# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006

# LANXESS

Energizing Chemistry

## Anderol OGWR-0 Spray

Version	Revision Date:	SDS Number:	Date of last issue: 27.11.2017
1.5	13.10.2020	000000041855	Date of first issue: 15.05.2015

---

### 10.6 Hazardous decomposition products

Hazardous decomposition products : Carbon dioxide (CO<sub>2</sub>), carbon monoxide (CO), oxides of nitrogen (NO<sub>x</sub>), dense black smoke.  
Aldehydes  
Carboxylic acid  
Ketones  
Sulphur oxides

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## SECTION 11: Toxicological information

### 11.1 Information on toxicological effects

#### Acute toxicity

##### Product:

Acute inhalation toxicity : Remarks: Not classified due to lack of data.

Acute dermal toxicity : Remarks: Not classified due to lack of data.

##### Components:

##### cyclohexane:

Acute oral toxicity : LD50 (Rat): > 5,000 mg/kg

#### Skin corrosion/irritation

##### Components:

##### n-hexane:

Result : Irritating to skin.

#### Aspiration toxicity

##### Product:

May be fatal if swallowed and enters airways.

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## SECTION 12: Ecological information

### 12.1 Toxicity

##### Product:

Toxicity to fish : Remarks: No data available

### 12.2 Persistence and degradability

##### Product:

Biodegradability : Remarks: No data available

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## Anderol OGWR-0 Spray

Version 1.5      Revision Date: 13.10.2020      SDS Number: 000000041855      Date of last issue: 27.11.2017  
Date of first issue: 15.05.2015

---

### 12.3 Bioaccumulative potential

**Product:**

Bioaccumulation : Remarks: No data available

**Components:**

**n-hexane:**

Partition coefficient: n-octanol/water : log Pow: 3.5  
Method: Calculated value

**cyclohexane:**

Partition coefficient: n-octanol/water : log Pow: 3.4

### 12.4 Mobility in soil

**Product:**

Mobility : Remarks: No data available

### 12.5 Results of PBT and vPvB assessment

**Product:**

Assessment : This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher..

### 12.6 Other adverse effects

**Product:**

Additional ecological information : The product itself has not been tested.

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## SECTION 13: Disposal considerations

### 13.1 Waste treatment methods

- Product : Dispose of wastes in an approved waste disposal facility. The product should not be allowed to enter drains, water courses or the soil. In accordance with local and national regulations. Do not dispose of waste into sewer. Do not contaminate ponds, waterways or ditches with chemical or used container.
- Contaminated packaging : Dispose of as unused product. Empty containers should be taken to an approved waste handling site for recycling or disposal. Empty pressure vessels should be returned to the supplier.

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006

# LANXESS

Energizing Chemistry

## Anderol OGWR-0 Spray

Version	Revision Date:	SDS Number:	Date of last issue: 27.11.2017
1.5	13.10.2020	000000041855	Date of first issue: 15.05.2015

Do not re-use empty containers.  
Do not burn, or use a cutting torch on, the empty drum.

### SECTION 14: Transport information

#### 14.1 UN number

**IMDG** : UN 1950  
**IATA** : UN 1950

#### 14.2 UN proper shipping name

**IMDG** : AEROSOLS, FLAMMABLE  
(Butane, Propane, cyclohexane)  
**IATA** : Aerosols, flammable  
(Butane, Propane)

#### 14.3 Transport hazard class(es)

**IMDG** : 2.1  
**IATA** : 2.1

#### 14.4 Packing group

**IMDG**  
Packing group : Not assigned by regulation  
Labels : 2.1  
EmS Code : F-D, S-U

**IATA (Cargo)**  
Packing group : Not assigned by regulation  
Labels : Flammable Gas

**IATA\_P (Passenger)**  
Packing group : Not assigned by regulation  
Labels : Flammable Gas

#### 14.5 Environmental hazards

**IMDG**  
Marine pollutant : yes

**IATA (Passenger)**  
Environmentally hazardous : yes

**IATA (Cargo)**  
Environmentally hazardous : yes

#### 14.6 Special precautions for user

The transport classification(s) provided herein are for informational purposes only, and solely based upon the properties of the unpackaged material as it is described within this Safety Data Sheet. Transportation classifications may vary by mode of transportation, package sizes, and variations in regional or country regulations.

#### 14.7 Transport in bulk according to Annex II of Marpol and the IBC Code

Not applicable for product as supplied.

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006

# LANXESS

Energizing Chemistry

## Anderol OGWR-0 Spray

Version	Revision Date:	SDS Number:	Date of last issue: 27.11.2017
1.5	13.10.2020	000000041855	Date of first issue: 15.05.2015

### SECTION 15: Regulatory information

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

- REACH - Candidate List of Substances of Very High Concern for Authorisation (Article 59) : This product does not contain substances of very high concern (Regulation (EC) No 1907/2006 (REACH), Article 57).
- Regulation (EC) No 1005/2009 on substances that deplete the ozone layer : Not applicable
- Regulation (EC) No 850/2004 on persistent organic pollutants : Not applicable
- REACH - Restrictions on the manufacture, placing on the market and use of certain dangerous substances, preparations and articles (Annex XVII) : Conditions of restriction for the following entries should be considered: butane (Number on list 29, 28) Naphtha (petroleum), hydrotreated light (Number on list 29, 28) cyclohexane (Number on list 57)

Seveso III: Directive 2012/18/EU of the European Parliament and of the Council on the control of major-accident hazards involving dangerous substances.

- P3a FLAMMABLE AEROSOLS
- E2 ENVIRONMENTAL HAZARDS
- 18 Liquefied extremely flammable gases (including LPG) and natural gas
- 34 Petroleum products: (a) gasolines and naphthas, (b) kerosenes (including jet fuels), (c) gas oils (including diesel fuels, home heating oils and gas oil blending streams), (d) heavy fuel oils (e) alternative fuels serving the same purposes and with similar properties as regards flammability and environmental hazards as the products referred to in points (a) to (d)

#### The components of this product are reported in the following inventories:

- DSL : This product contains the following components listed on the Canadian NDSL. All other components are on the Canadian DSL.

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006

# LANXESS

Energizing Chemistry

## Anderol OGWR-0 Spray

Version	Revision Date:	SDS Number:	Date of last issue: 27.11.2017
1.5	13.10.2020	000000041855	Date of first issue: 15.05.2015

---

AICS	:	On the inventory, or in compliance with the inventory
NZIoC	:	On the inventory, or in compliance with the inventory
ENCS	:	Not in compliance with the inventory
KECI	:	On the inventory, or in compliance with the inventory
PICCS	:	Not in compliance with the inventory
IECSC	:	On the inventory, or in compliance with the inventory
TCSI	:	Not in compliance with the inventory
US.TSCA	:	On TSCA Inventory

### 15.2 Chemical safety assessment

No information available.

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## SECTION 16: Other information

### Full text of H-Statements

H225	:	Highly flammable liquid and vapour.
H304	:	May be fatal if swallowed and enters airways.
H315	:	Causes skin irritation.
H336	:	May cause drowsiness or dizziness.
H361	:	Suspected of damaging fertility or the unborn child.
H373	:	May cause damage to organs through prolonged or repeated exposure.
H400	:	Very toxic to aquatic life.
H410	:	Very toxic to aquatic life with long lasting effects.
H411	:	Toxic to aquatic life with long lasting effects.

### Full text of other abbreviations

Aquatic Acute	:	Short-term (acute) aquatic hazard
Aquatic Chronic	:	Long-term (chronic) aquatic hazard
Asp. Tox.	:	Aspiration hazard
Flam. Liq.	:	Flammable liquids
Repr.	:	Reproductive toxicity
Skin Irrit.	:	Skin irritation
STOT RE	:	Specific target organ toxicity - repeated exposure
STOT SE	:	Specific target organ toxicity - single exposure

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; AICS - Australian Inventory of Chemical Substances; ASTM - American Society for the Testing of Materials; bw - Body weight; CLP - Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008; CMR - Carcinogen, Mutagen or Reproductive Toxicant; DIN - Standard of the German Institute for Standardisation; DSL - Domestic Substances List (Canada); ECHA - European Chemicals Agency; EC-Number - European Community number; ECx -

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006

# LANXESS

Energizing Chemistry

## Anderol OGWR-0 Spray

Version	Revision Date:	SDS Number:	Date of last issue: 27.11.2017
1.5	13.10.2020	000000041855	Date of first issue: 15.05.2015

Concentration associated with x% response; ELx - Loading rate associated with x% response; EmS - Emergency Schedule; ENCS - Existing and New Chemical Substances (Japan); ErCx - Concentration associated with x% growth rate response; GHS - Globally Harmonized System; GLP - Good Laboratory Practice; IARC - International Agency for Research on Cancer; IATA - International Air Transport Association; IBC - International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk; IC50 - Half maximal inhibitory concentration; ICAO - International Civil Aviation Organization; IECSC - Inventory of Existing Chemical Substances in China; IMDG - International Maritime Dangerous Goods; IMO - International Maritime Organization; ISHL - Industrial Safety and Health Law (Japan); ISO - International Organisation for Standardization; KECI - Korea Existing Chemicals Inventory; LC50 - Lethal Concentration to 50 % of a test population; LD50 - Lethal Dose to 50% of a test population (Median Lethal Dose); MARPOL - International Convention for the Prevention of Pollution from Ships; n.o.s. - Not Otherwise Specified; NO(A)EC - No Observed (Adverse) Effect Concentration; NO(A)EL - No Observed (Adverse) Effect Level; NOELR - No Observable Effect Loading Rate; NZIoC - New Zealand Inventory of Chemicals; OECD - Organization for Economic Co-operation and Development; OPPTS - Office of Chemical Safety and Pollution Prevention; PBT - Persistent, Bioaccumulative and Toxic substance; PICCS - Philippines Inventory of Chemicals and Chemical Substances; (Q)SAR - (Quantitative) Structure Activity Relationship; REACH - Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals; RID - Regulations concerning the International Carriage of Dangerous Goods by Rail; SADT - Self-Accelerating Decomposition Temperature; SDS - Safety Data Sheet; SVHC - Substance of Very High Concern; TCSI - Taiwan Chemical Substance Inventory; TRGS - Technical Rule for Hazardous Substances; TSCA - Toxic Substances Control Act (United States); UN - United Nations; vPvB - Very Persistent and Very Bioaccumulative

### Further information

#### Classification of the mixture:

Aerosol 1	H222, H229
Repr. 2	H361
STOT SE 3	H336
Asp. Tox. 1	H304
Aquatic Chronic 2	H411

#### Classification procedure:

On basis of test data.
Calculation method
Calculation method
On basis of test data.
Calculation method

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

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