

# SAFETY DATA SHEET according to Regulation 1907/2006

Product name: **4020 Z-Prime**

Creation date: **21.11.2007** · Revision: **21.3.2018** · Version: **1**



## SECTION 1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

### 1.1. Product identifier

Product name

**4020 Z-Prime**



chemius.net/IHG1d

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

Relevant identified uses

Corrosion protection agent

Uses advised against

No information.

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

Manufacturer

SILCO, D.O.O.

Address: Šentrupert 5 a, 3303 Gomilsko, Slovenia

Phone: +386 3 703 3180

Fax: +386 3 703 3188

E-mail: n.cvilak@silco-automotive.com

Point of contact for safety info: Nejc Cvilak

### 1.4. Emergency telephone number

Emergency

112

Supplier

+386 3 703 3180

## SECTION 2. HAZARDS IDENTIFICATION

### 2.1 Classification of the substance or mixture

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

Aerosol 1; H222 Extremely flammable aerosol.

Aerosol 1; H229 Pressurised container: May burst if heated.

Skin Irrit. 2; H315 Causes skin irritation.

Eye Irrit. 2; H319 Causes serious eye irritation.

STOT SE 3; H336 May cause drowsiness or dizziness.

Aquatic Chronic 2; H411 Toxic to aquatic life with long lasting effects.

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## 2.2 Label elements

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



Signal word: **Danger**

H315 Causes skin irritation.

H319 Causes serious eye irritation.

H336 May cause drowsiness or dizziness.

H411 Toxic to aquatic life with long lasting effects.

H222 Extremely flammable aerosol.

H229 Pressurised container: May burst if heated.

P251 Do not pierce or burn, even after use.

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.

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

P101 If medical advice is needed, have product container or label at hand.

P102 Keep out of reach of children.

P261 Avoid breathing vapours/spray.

P271 Use only outdoors or in a well-ventilated area.

P280 Wear protective gloves/eye protection/face protection.

P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P312 Call a POISON CENTER/doctor if you feel unwell.

P391 Collect spillage.

P501 Dispose of contents/container to hazardous or special waste collection point.

### 2.2.2. Contains:

acetone (CAS: 67-64-1, EC: 200-662-2, Index: 606-001-00-8)

Hydrocarbons, C9, aromatics (EC: 918-668-5)

### 2.2.3. Special provisions

Without adequate ventilation, explosive vapors may accumulate.

## 2.3. Other hazards

No information.

## SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

### 3.1. Substances

For mixtures see 3.2.

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## 3.2. Mixtures

Name	CAS EC Index	%	Classification according to Regulation (EC) No 1272/2008 (CLP)	Specific Conc. Limits	REACH Registration No.
isobutane [C, S]	75-28-5 200-857-2 601-004-00-0	10-<20	Flam. Gas 1; H220 Press. Gas; H280		01-2119485395-27
propane	74-98-6 200-827-9 601-003-00-5	10-<20	Flam. Gas 1; H220 Press. Gas; H280		01-2119486944-21
zinc powder - zinc dust (stabilized)	7440-66-6 231-175-3 030-001-01-9	10-<20	Aquatic Acute 1; H400 Aquatic Chronic 1; H410		01-2119467174-37
acetone	67-64-1 200-662-2 606-001-00-8	10-<20	Flam. Liq. 2; H225 Eye Irrit. 2; H319 STOT SE 3; H336 EUH066		01-2119471330-49
xylene [C]	1330-20-7 215-535-7 601-022-00-9	10-<20	Flam. Liq. 3; H226 Acute Tox. 4; H312 Skin Irrit. 2; H315 Acute Tox. 4; H332		01-2119488216-32
Hydrocarbons, C9, aromatics	- 918-668-5 -	5-<10	Asp. Tox. 1; H304 STOT SE 3; H335 STOT SE 3; H336 Aquatic Chronic 2; H411		01-2119455851-35
butane [C]	106-97-8 203-448-7 601-004-00-0	2,5-<5	Flam. Gas 1; H220 Press. Gas; H280		01-2119474691-32
ethylbenzene	100-41-4 202-849-4 601-023-00-4	1,0-<2,5	Flam. Liq. 2; H225 Asp. Tox. 1; H304 Acute Tox. 4; H332 STOT RE 2; H373		-

### Notes for substances:

<b>C</b>	Some organic substances may be marketed either in a specific isomeric form or as a mixture of several isomers.  In this case the supplier must state on the label whether the substance is a specific isomer or a mixture of isomers.
<b>S</b>	This substance may not require a label according to Article 17 (see section 1.3 of Annex I) (Table 3.1).  This substance may not require a label according to Article 23 of Directive 67/548/EEC (see section 8 of Annex VI to that Directive) (Table 3.2).

## SECTION 4. FIRST AID MEASURES

### 4.1. Description of first aid measures

#### General notes

When in doubt or if feeling unwell seek medical assistance. Show the safety data sheet and label to the physician.

#### Following inhalation

Remove patient to fresh air - move out of dangerous area. Victim should rest in a warm place.

#### Following skin contact

Immediately remove contaminated clothing. Wash affected skin areas thoroughly with plenty of water and soap. If symptoms develop and persist, seek medical attention.

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## Following eye contact

Immediately flush eyes with running water, keeping eyelids apart. If irritation does not stop, seek professional medical treatment!

## Following ingestion

Not likely. Do not induce vomiting! Immediately consult a doctor.

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

### Inhalation

Excessive exposure to spray mist, fog, or vapours may cause respiratory irritation.

Coughing, sneezing, nasal discharge, labored breathing.

Vapours may cause drowsiness and dizziness.

Vapours can cause headache and nausea.

### Skin contact

Irritating to the skin.

Itching, redness, pain.

### Eye contact

Strongly irritates the eyes.

Redness, tearing, pain.

### Ingestion

Not likely.

May cause nausea/vomiting and diarrhea.

May cause irritation of the digestive tract.

Aspiration into the lungs causes coughing, shortness of breath and may lead to chemical pneumonia.

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

-

## **SECTION 5. FIREFIGHTING MEASURES**

### **5.1. Extinguishing media**

#### Suitable extinguishing media

Foam.

Fire extinguishing powder.

Carbon dioxide (CO<sub>2</sub>).

#### Unsuitable extinguishing media

Full water jet.

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

#### Hazardous combustion products

In case of a fire toxic gases can be generated; do not inhale gases/smoke. In the event of fire the following can be generated: carbon monoxide (CO), carbon dioxide (CO<sub>2</sub>).

### **5.3. Advice for firefighters**

#### Protective actions

Vapours can form explosive mixtures with air. Cool the endangered containers with water spray.

#### Special protective equipment for firefighters

Firefighters should wear appropriate protective clothing for firefighters (including helmets, protective boots and gloves) (EN 469) and self-contained breathing apparatus (SCBA) with a full face-piece (EN 137).

#### Additional information

Contaminated firefighting water must be disposed of in accordance with the regulations; do not allow to reach the sewage system.

## SECTION 6. ACCIDENTAL RELEASE MEASURES

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

#### 6.1.1. For non-emergency personnel

##### **Protective equipment**

Use personal protective equipment (Section 8).

##### **Emergency procedures**

Ensure adequate ventilation. Keep away sources of ignition. Prevent access to unprotected personnel.

#### 6.1.2. For emergency responders

Use personal protective equipment.

### 6.2. Environmental precautions

Do not allow product to reach water/drains/sewage systems and ground water. If accidental large entry into water or ground occurs, inform responsible authorities.

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

#### 6.3.1. For containment

Stem the spill if this does not pose risks.

#### 6.3.2. For cleaning up

Ventilate the premises. Collect the spray cans and hand them over to an authorized waste disposal contractor. In case of bigger spill, dam the spillage, pump the liquid into appropriate labelled containers, absorb a residue with absorbent material and dispose of according to local regulations. Dispose in accordance with applicable regulations (see Section 13).

#### 6.3.3. Other information

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### 6.4. Reference to other sections

See also Sections 8 and 13.

## SECTION 7. HANDLING AND STORAGE

### 7.1. Precautions for safe handling

#### 7.1.1. Protective measures

##### **Measures to prevent fire**

Ensure adequate ventilation. Keep away from sources of ignition - no smoking. Pressurized container; protect from sunlight and do not expose to temperatures exceeding 50°C. Do not pierce or burn, even after use. Take precautionary measures against static discharges. Do not spray on a naked flame or incandescent material.

##### **Measures to prevent aerosol and dust generation**

Use general or local exhaust ventilation to prevent inhaling vapours and aerosols.

##### **Measures to protect the environment**

-

#### 7.1.2. Advice on general occupational hygiene

Avoid contact with skin and eyes.

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

#### 7.2.1. Technical measures and storage conditions

Follow safe storage practices for packed compressed gas as described by the Compressed Gas Association or the relevant agency in the country where the product is used. Keep in cool and well ventilated area. Protect from open fire, heat and direct sunlight.

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## 7.2.2. Packaging materials

-

## 7.2.3. Requirements for storage rooms and vessels

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## 7.2.4. Storage class

-

## 7.2.5. Further information on storage conditions

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

### **Recommendations**

-

### **Industrial sector specific solutions**

-

## **SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

### **8.1. Control parameters**

#### 8.1.1. Occupational exposure limit values

Name (CAS)	Limit values		Short-term exposure limit		Remarks	Biological Tolerance Values
	ml/m <sup>3</sup> (ppm)	mg/m <sup>3</sup>	ml/m <sup>3</sup> (ppm)	mg/m <sup>3</sup>		
Acetone (67-64-1)	500	1210	1500	3620		
Butane (106-97-8)	600	1450	750	1810	Carc, (only applies if Butane contains more than 0.1% of buta-1,3-diene)	
Ethylbenzene (100-41-4)	100	441	125	552	Sk	
Xylene, o-,m-,p- or mixed isomers (1330-20-7)	50	220	100	441	Sk, BMGV	650 mmol methyl hippuric acid/mol creatinine in urine - Post shift

#### 8.1.2. Information on monitoring procedures

BS EN 14042:2003 Workplace atmospheres. Guide for the application and use of procedures for the assessment of exposure to chemical and biological agents. BS EN 482:2012+A1:2015 Workplace exposure. General requirements for the performance of procedures for the measurement of chemical agents. BS EN 689:2018 Workplace exposure. Measurement of exposure by inhalation to chemical agents. Strategy for testing compliance with occupational exposure limit values.

#### 8.1.3. DNEL/DMEL values

No information.

#### 8.1.4. PNEC values

No information.

### **8.2. Exposure controls**

#### 8.2.1. Appropriate engineering control

##### **Substance/mixture related measures to prevent exposure during identified uses**

Use good personal hygiene practices – wash hands at breaks and when done working with material. Do not breathe vapours/aerosols. Avoid contact with eyes and skin.

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## Organisational measures to prevent exposure

Remove all contaminated clothes immediately and wash them before reuse.

## Technical measures to prevent exposure

Keep away from food, drink and animal feeding stuffs.

### 8.2.2. Personal protective equipment

#### Eye and face protection

Tight fitting protective goggles (EN 166).

#### Hand protection

Use chemical resistant gloves classified according to standard EN 374. The penetration time is determined by the protective glove manufacturer and must be observed.

#### Appropriate materials

Material	Thickness	Penetration Time	Remark
Butyl rubber	≥ 0,7 mm	≥ 60 min	

#### Skin protection

Cotton protective clothing and shoes that cover the entire foot (EN ISO 20345).

#### Respiratory protection

In case of insufficient ventilation wear suitable respiratory protection. In case of insufficient ventilation wear mask with filter AX (EN 14387).

#### Thermal hazards

-

### 8.2.3. Environmental exposure controls

-

## SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

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

-	Physical state:	liquid; aerosol
-	Colour:	gray
-	Odour:	like acetone

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## Important health, safety and environmental information

-	pH	No information.
-	Melting point/freezing point	No information.
-	Initial boiling point/boiling range	< 0 °C
-	Flash point	No information.
-	Evaporation rate	No information.
-	Flammability (solid, gas)	> 200 °C
-	Explosion limits (vol%)	No information.
-	Vapour pressure	No information.
-	Vapour density	No information.
-	Density	<b>Density:</b> 0,92671 g/cm <sup>3</sup> at 20 °C
-	Solubility	<b>Water:</b> insoluble
-	Partition coefficient	No information.
-	Auto-ignition temperature	No information.
-	Decomposition temperature	No information.
-	Viscosity	No information.
-	Explosive properties	Product is not explosive. However, formation of explosive air/ vapour mixtures are possible.
-	Oxidising properties	No information.

## 9.2. Other information

-	Weight organic solvents	66,5 % 616 g/l (VOC (EU))
-	Remarks:	

## SECTION 10. STABILITY AND REACTIVITY

### 10.1. Reactivity

No data available.

### 10.2. Chemical stability

Product is stable under normal conditions of use, recommended handling and storage conditions.

### 10.3. Possibility of hazardous reactions

There are no known hazardous reactions.

### 10.4. Conditions to avoid

No special precautions required. Consider the directions for use and storage.

### 10.5. Incompatible materials

Not known. Follow the general rule of incompatible chemicals.

### 10.6. Hazardous decomposition products

Carbon dioxide; Carbon monoxide.



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## SECTION 11. TOXICOLOGICAL INFORMATION

### 11.1. Information on toxicological effects

#### (a) Acute toxicity

Name	Exposure route	Type	Species	Time	Value	Method	Remark
For product	dermal	LD <sub>50</sub>	rabbit		17852 mg/kg		ATE
For product	inhalation	LC <sub>50</sub>		4 h	138 mg/l		ATE
isobutane (75-28-5)	inhalation	LC <sub>50</sub>	rat	4 h	> 50 mg/l		
propane (74-98-6)	inhalation	LC <sub>50</sub>	rat	4 h	20 mg/l		
acetone (67-64-1)	oral	LD <sub>50</sub>	rat		5800 mg/kg		
acetone (67-64-1)	dermal	LD <sub>50</sub>	rabbit		20000 mg/kg		
acetone (67-64-1)	inhalation	LC <sub>50</sub>	rat	4 h	76 mg/l		
xylene (1330-20-7)	oral	LD <sub>50</sub>	rat		4300 mg/kg		
xylene (1330-20-7)	dermal	LD <sub>50</sub>	rabbit		2000 mg/kg		
xylene (1330-20-7)	inhalation	LC <sub>50</sub>	rat	4 h	21,7 mg/l		
Hydrocarbons, C9, aromatics (-)	oral	LD <sub>50</sub>	rat		> 2000 mg/kg		
Hydrocarbons, C9, aromatics (-)	dermal	LD <sub>50</sub>	rat		> 2000 mg/kg		
butane (106-97-8)	inhalation	LC <sub>50</sub>	rat	4 h	658 mg/l		
ethylbenzene (100-41-4)	dermal	LD <sub>50</sub>	rabbit		17800 mg/kg		
ethylbenzene (100-41-4)	oral	LD <sub>50</sub>	rat		3500 mg/kg		
ethylbenzene (100-41-4)	inhalation	LC <sub>50</sub>		4 h	11 mg/l		ATE

**Additional information:** The product is not classified for acute toxicity.

#### (b) Skin corrosion/irritation

**Additional information:** Causes skin irritation.

#### (c) Serious eye damage/irritation

**Additional information:** Causes serious eye irritation.

#### (d) Respiratory or skin sensitisation

**Additional information:** The product is not classified as sensitising.

#### (e) (Germ cell) mutagenicity

No information.

#### (f) Carcinogenicity

No information.

#### (g) Reproductive toxicity

No information.

#### Summary of evaluation of the CMR properties

The product is not classified as carcinogenic, mutagenic or toxic for reproduction.

#### (h) STOT-single exposure

**Additional information:** May cause drowsiness or dizziness.

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## (i) STOT-repeated exposure

No information.

## (j) Aspiration hazard

No information.

## SECTION 12. ECOLOGICAL INFORMATION

### 12.1. Toxicity

#### 12.1.1. Acute (short-term) toxicity

##### **For components**

Substance (CAS Nr.)	Type	Value	Exposure time	Species	Organism	Method	Remark
acetone (67-64-1)	EC <sub>50</sub>	8800 mg/L	48 h	<i>Daphnia</i>			
xylene (1330-20-7)	EC <sub>50</sub>	165 mg/L	48 h	<i>Daphnia</i>			
Hydrocarbons, C9, aromatics (-)	LC <sub>50</sub>	1 – 10 mg/L		<i>Daphnia</i>			
ethylbenzene (100-41-4)	EC <sub>50</sub>	2,1 mg/L	48 h	<i>Daphnia</i>			

#### 12.1.2. Chronic (long-term) toxicity

No information.

### 12.2. Persistence and degradability

#### 12.2.1. Abiotic degradation, physical- and photo-chemical elimination

No information.

#### 12.2.2. Biodegradation

No information.

### 12.3. Bioaccumulative potential

#### 12.3.1. Partition coefficient

No information.

#### 12.3.2. Bioconcentration factor (BCF)

No information.

### 12.4. Mobility in soil

#### 12.4.1. Known or predicted distribution to environmental compartments

No information.

#### 12.4.2. Surface tension

No information.

#### 12.4.3. Adsorption/Desorption

No information.

### 12.5. Results of PBT and vPvB assessment

No evaluation.

### 12.6. Other adverse effects

No information.

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## 12.7. Additional information

### For product

Toxic to aquatic organisms: may cause long-term adverse effects in the aquatic environment.

Water hazard class 2 (self-assessment): hazardous for water.

Do not allow to reach ground water, water courses or sewage system.

Danger to drinking water if even small quantities leak into ground water.

## SECTION 13. DISPOSAL CONSIDERATIONS

### 13.1. Waste treatment methods

#### 13.1.1. Product / Packaging disposal

##### Waste chemical

Dispose of in accordance with applicable waste disposal regulation. Do not dispose together with household garbage. Do not allow product to reach drains/sewage systems. Disposal must be made according to official regulations: deliver it to authorised collector/remover/transformer of hazardous waste.

##### Waste codes / waste designations according to LoW

16 05 04\* - gases in pressure containers (including halons) containing dangerous substances

##### Packaging

Dispose of in accordance with applicable waste disposal regulation. Deliver completely emptied containers to approved waste disposal authorities.

##### Waste codes / waste designations according to LoW

15 01 04 - metallic packaging

#### 13.1.2. Waste treatment-relevant information

-

#### 13.1.3. Sewage disposal-relevant information

-

#### 13.1.4. Other disposal recommendations

-

## SECTION 14. TRANSPORT INFORMATION

### 14.1. UN number

UN 1950

### 14.2. UN proper shipping name

AEROSOLS

IMDG name: AEROSOLS (Hydrocarbons, C9, aromatics, zinc powder - zinc dust (stabilized))

### 14.3. Transport hazard class(es)

2

### 14.4. Packing group

Not applicable.

### 14.5. Environmental hazards

Additional labeling: ENVIRONMENTALLY HAZARDOUS

IMDG: MARINE POLLUTANT



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## 14.6. Special precautions for user

### Limited quantities

1 L

### Tunnel restriction code

(D)

### IMDG EmS

F-D, S-U

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

Goods may not be carried in bulk in bulk containers, containers or vehicles.

## SECTION 15. REGULATORY INFORMATION

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

- Regulation (EC) No 1907/2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) (including last amendment Commission Regulation (EU) 2015/830)

- Regulation (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures

#### 15.1.1. Information according 2004/42/EC about limitation of emissions of volatile organic compounds (VOC-guideline)

Not applicable.

### 15.2. Chemical Safety Assessment

No Chemical Safety Assessment has been carried out for this substance/mixture by the supplier.

## SECTION 16. OTHER INFORMATION

### Indication of changes

-

### Abbreviations and acronyms

ATE - Acute Toxicity Estimate  
ADR - European Agreement concerning the International Carriage of Dangerous Goods by Road  
ADN - European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways  
CEN - European Committee for Standardisation  
C&L - Classification and Labelling  
CLP - Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008  
CAS# - Chemical Abstracts Service number  
CMR - Carcinogen, Mutagen, or Reproductive Toxicant  
CSA - Chemical Safety Assessment  
CSR - Chemical Safety Report  
DMEL - Derived Minimal Effect Level  
DNEL - Derived No Effect Level  
DPD - Dangerous Preparations Directive 1999/45/EC  
DSD - Dangerous Substances Directive 67/548/EEC  
DU - Downstream User  
EC - European Community  
ECHA - European Chemicals Agency  
EC-Number - EINECS and ELINCS Number (see also EINECS and ELINCS)  
EEA - European Economic Area (EU + Iceland, Liechtenstein and Norway)  
EEC - European Economic Community  
EINECS - European Inventory of Existing Commercial Substances  
ELINCS - European List of notified Chemical Substances  
EN - European Standard  
EQS - Environmental Quality Standard

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EU - European Union  
Euphrac - European Phrase Catalogue  
EWC - European Waste Catalogue (replaced by LoW – see below)  
GES - Generic Exposure Scenario  
GHS - Globally Harmonized System  
IATA - International Air Transport Association  
ICAO-TI - Technical Instructions for the Safe Transport of Dangerous Goods by Air  
IMDG - International Maritime Dangerous Goods  
IMSBC - International Maritime Solid Bulk Cargoes  
IT - Information Technology  
IUCLID - International Uniform Chemical Information Database  
IUPAC - International Union for Pure Applied Chemistry  
JRC - Joint Research Centre  
Kow - octanol-water partition coefficient  
LC<sub>50</sub> - Lethal Concentration to 50 % of a test population  
LD<sub>50</sub> - Lethal Dose to 50% of a test population (Median Lethal Dose)  
LE - Legal Entity  
LoW - List of Wastes (see <http://ec.europa.eu/environment/waste/framework/list.htm>)  
LR - Lead Registrant  
M/I - Manufacturer / Importer  
MS - Member States  
MSDS - Material Safety Data Sheet  
OC - Operational Conditions  
OECD - Organization for Economic Co-operation and Development  
OEL - Occupational Exposure Limit  
OJ - Official Journal  
OR - Only Representative  
OSHA - European Agency for Safety and Health at work  
PBT - Persistent, Bioaccumulative and Toxic substance  
PEC - Predicted Effect Concentration  
PNEC(s) - Predicted No Effect Concentration(s)  
PPE - Personal Protection Equipment  
(Q)SAR - Qualitative Structure Activity Relationship  
REACH - Registration, Evaluation, Authorisation and Restriction of Chemicals Regulation (EC) No 1907/2006  
RID - Regulations concerning the International Carriage of Dangerous Goods by Rail  
RIP - REACH Implementation Project  
RMM - Risk Management Measure  
SCBA - Self-Contained Breathing Apparatus  
SDS - Safety data sheet  
SIEF - Substance Information Exchange Forum  
SME - Small and Medium sized Enterprises  
STOT - Specific Target Organ Toxicity  
(STOT) RE - Repeated Exposure  
(STOT) SE - Single Exposure  
SVHC - Substances of Very High Concern  
UN - United Nations  
vPvB - Very Persistent and Very Bioaccumulative

## Key literature references and sources for data

MSDS, Zinkspray, date: 6.11.2007

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## List of relevant H phrases

H220 Extremely flammable gas.  
H225 Highly flammable liquid and vapour.  
H226 Flammable liquid and vapour.  
H280 Contains gas under pressure; may explode if heated.  
H304 May be fatal if swallowed and enters airways.  
H312 Harmful in contact with skin.  
H315 Causes skin irritation.  
H319 Causes serious eye irritation.  
H332 Harmful if inhaled.  
H335 May cause respiratory irritation.  
H336 May cause drowsiness or dizziness.  
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.  
EUH066 Repeated exposure may cause skin dryness or cracking.



- ☒ Provided correct labelling of the product
- ☒ Compliance with the local legislation
- ☒ Provided correct classification of the product
- ☒ Provided adequate transport data

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The information of this SDS is based on the present state of our knowledge and meets the requirements of EU and national laws. The user's working conditions however, are beyond our knowledge and control. The product is not to be used for purposes other than those specified under Section 1 without a written permission. It remains the responsibility of the user to ensure that the necessary steps are taken to meet the laws and regulations. Handling of the product may only be done by people above 18 years of age, who are satisfactorily informed of how to do the work, the hazardous properties and necessary safety precautions. The information given in this SDS is to describe the product only in terms of health and safety requirements and should not, therefore, be construed as guaranteeing specific properties.