



**Trade Name: Purosolve71**

Company / Supplier: Puretecs GmbH, Carl-Benz-Str. 6, D - 73235 Weilheim a.d.T.

Telephone: +49 7023 9439569, Date of issue: 16.02.2016 Replaces Data Sheet of: 13.05.2013

**SECTION 4: First aid measures**

- 4.1 **Description of first aid measures**
- 4.1.1 **Inhalation:**  
After inhalation of product / fumes of fire leave contaminated area and provide for fresh air. In the event of symptoms occurring, seek medical treatment.
- 4.1.2 **Skin Contact:**  
Wash with soap and water.
- 4.1.3 **Eye Contact:**  
In case of contact with eyes rinse thoroughly with water
- 4.1.4 **Ingestion:**  
Do not cause vomiting. Rinse mouth out and drink plenty of water afterwards. In the event of symptoms occurring, seek medical treatment.
- 4.2 **Most important symptoms and effects, both acute and delayed**  
n.av.
- 4.3 **Indication of any immediate medical attention and special treatment needed**  
Symptomatic treatment.

**SECTION 5: Firefighting measures**

- 5.1 **Extinguishing media**
- 5.1.1 **Suitable Extinguishing Media:**  
water spray jet, Foam, dry chemicals, CO<sub>2</sub>.
- 5.1.2 **Extinguishing Media to Avoid:**  
None.
- 5.2 **Special hazards arising from the substance or mixture**  
Hydrogen fluoride, Reactions with light metals., carbon oxide
- 5.3 **Advice for firefighters**
- 5.3.1 **Special Protective Equipment:**  
Wear positive pressure self-contained breathing apparatus. Wear full protective clothing.
- 5.3.2 **Additional Information:**  
None.

**SECTION 6: Accidental release measures**

- 6.1 **Personal precautions, protective equipment and emergency procedures**  
See chapter 8.2.2  
High risk of slipping due to leakage / spillage of product. Provide sufficient ventilation.
- 6.2 **Environmental precautions**  
Do not allow larger quantities to enter drainage. Inform responsible authorities in the case of accidental release of larger quantities.
- 6.3 **Methods and material for containment and cleaning up**  
Soak up with absorbent material. Prevent risk of slipping by covering with mineral dispersion material.
- 6.4 **Reference to other sections**  
None.

**SECTION 7: Handling and storage**

- 7.1 **Precautions for safe handling**
- 7.1.1 **Precautions for Safe Handling:**  
Avoid contact with eyes and skin. Take off contaminated, saturated clothing immediately. Do not inhale dust, gas, vapours, fire -fumes. Do not eat, drink or smoke during work.
- 7.1.2 **Precautions in Case of Fire and Explosion:**  
No special measures necessary
- 7.2 **Conditions for safe storage, including any incompatibilities**
- 7.2.1 **Storage Instructions:**  
No special measures required.
- 7.2.2 **Store away from:**  
Store away from oxidising agents.
- 7.2.3 **Further Information on Storage Conditions:**  
None.
- 7.3 **Specific end use(s)**  
n.av.

**Trade Name: Purosolve71**

Company / Supplier: Puretecs GmbH, Carl-Benz-Str. 6, D - 73235 Weilheim a.d.T.

Telephone: +49 7023 9439569, Date of issue: 16.02.2016 Replaces Data Sheet of: 13.05.2013

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

8.1	<b>Control parameters</b>	
	<b>Material</b>	<b>Limit Value</b>
8.2	<b>Exposure controls</b>	
8.2.1	<b>Appropriate engineering controls</b>	Observe the usual precautionary measures for handling chemicals.
8.2.2	<b>Individual protection measures</b>	
8.2.2a	<b>Respiratory Protection:</b>	If ventilation is insufficient, wear respiratory protection
8.2.2b	<b>Hand Protection:</b>	In case of prolonged skin contact use protective gloves. Please observe the instructions regarding permeability and breakthrough time which are provided by the supplier of the gloves. Also take into consideration the specific local conditions under which the product is used, such as the danger of cuts, abrasion, and the contact time.
8.2.2c	<b>Eye Protection:</b>	Goggles
8.2.2d	<b>Skin Protection:</b>	Light protective clothing
8.2.2e	<b>Further Information:</b>	Observe wearing time limits:
8.2.3	<b>Environmental exposure controls:</b>	n.av.

**SECTION 9: Physical and chemical properties**

9.1	<b>Information on basic physical and chemical properties</b>		
9.1.1	<b>Form:</b> liquid	<b>Colour:</b> colourless	<b>Odour:</b> ether-like
			<b>Odour threshold:</b> n.av.
9.1.2	pH-value, undiluted:	n.av.	
	pH-value, 1% aqueous solution:	n.av.	
9.1.3	Boiling point / Boiling - range (°C):	~ 61	
	Melting point / Melting range (°C):	-135	
9.1.4	Flash point (°C):	n.ap., closed cup	
9.1.5	Flammability (EEC A10/A13):	No.	
9.1.6	Ignition temperature (°C):	405	
9.1.7	Autoflammability (EEC A16):	None.	
9.1.8	Oxidising properties:	None.	
9.1.9	Explosion hazard:	No.	
9.1.10	Explosion limits (Vol.%) lower:	n.av., upper: n.av.	
9.1.11	Vapour pressure:	26,9 kPa	
	Vapour density (Air = 1):	8,6	
9.1.12	Density (g/ml):	1,5	
9.1.13	Solubility (in Water):	insoluble	Soluble in:
9.1.14	Partition coefficient, n-Octanol / Water:	n.av.	
9.1.15	Viscosity:	0,001 Pa*s	
9.1.16	Solvent content (m %):	Not relevant	
9.1.17	Thermal decomposition (°C):	n.av.	
9.1.18	Evaporation rate:	n.av.	
9.2	<b>Other information</b>		
	n.av.		

**SECTION 10: Stability and reactivity**

10.1	<b>Reactivity</b>	None.
10.2	<b>Chemical stability</b>	Stable at normal temperature.
10.3	<b>Possibility of hazardous reactions</b>	No hazardous reactions known.
10.4	<b>Conditions to avoid</b>	No hazardous reactions known.
10.5	<b>Incompatible materials</b>	Contact with oxidising agents may lead to strong reactions.
10.6	<b>Hazardous decomposition products</b>	No dangerous decomposition products when properly handled.

**Trade Name: Purosolve71**

Company / Supplier: Puretecs GmbH, Carl-Benz-Str. 6, D - 73235 Weilheim a.d.T.

Telephone: +49 7023 9439569, Date of issue: 16.02.2016 Replaces Data Sheet of: 13.05.2013

**SECTION 11: Toxicological information****11.1 Information on toxicological effects**

Acute Health Effects:

Inhalation: n.av.

Ingestion: n.av.

Skin Contact: n.av.

Skin corrosion / irritation: May cause skin irritation in susceptible persons.

Serious eye damage / irritation: May cause eye irritation with susceptible persons.

Respiratory or skin sensitisation: No.

Germ cell mutagenicity: n.av.

Carcinogenicity: n.av.

Reproductive toxicity: n.av.

STOT-single exposure: n.av.

STOT-repeated exposure: n.av.

Aspiration hazard: n.av.

**11.1.1 – Practical Experience**

11.1.11 n.av.

**11.1.12 Practical Experience**

Observations relevant for classification:

None.

Further Observations:

Frequent or permanent contact to skin may lead to irritation or dermatitis.

Classification of the preparation has been done by calculation in accordance with EEC directives.

**SECTION 12: Ecological information****12.1 Toxicity**

No data is available on the product itself.

**12.2 Persistence and degradability**

According to OECD criteria, the product is not readily biodegradable, but inherently biodegradable

**12.3 Bioaccumulative potential**

n.av.

**12.4 Mobility in soil**

n.av.

**12.5 Results of PBT and vPvB assessment**

This mixture contains no substances which are assessed to be PBT or vPvB.

**12.6 Other adverse effects**

12.6.1 COD-Value, mg/g: n.av.

12.6.2 BOD5-Value, mg/g: n.av.

12.6.3 AOX-Remarks: The product contains organically bonded halogen. It may increase the AOX-value in sewage-treatment-plants or waters.

12.6.4 Significant Components: None.

12.6.5 Other adverse effects: None.

**SECTION 13: Disposal considerations****13.1 Waste treatment methods**

13.1.1 Recommendation: D 10 / R 1

Waste - Code - No.: 07 01 03\*

The Waste code should be assigned in discussion between the user, the producer and the waste disposal company.

In addition comply with the regional authorities.

**13.2 Contaminated Packaging**

13.2.1 Recommendation: Wash with suitable cleaner. Otherwise as described under Residues. Packaging that cannot be cleaned should be disposed of as for product

13.2.2 Safe Handling: As described under Residues. Observe the usual precautionary measures for handling chemicals.

**Trade Name: Purosolve71**

Company / Supplier: Puretecs GmbH, Carl-Benz-Str. 6, D - 73235 Weilheim a.d.T.

Telephone: +49 7023 9439569, Date of issue: 16.02.2016 Replaces Data Sheet of: 13.05.2013

**SECTION 14: Transport information**

	<b>ADR</b> No dangerous goods according to ADR	<b>IMDG</b> No dangerous goods according to IMDG	<b>IATA</b> No dangerous goods according to IATA-DGR
14.1	<b>UN number</b>		
14.2	<b>UN proper shipping name</b>		
14.3	<b>Transport hazard class(es)</b>		
14.4	<b>Packing group</b>		
14.5	<b>Environmental hazards</b>		
14.6	<b>Special precautions for user</b> Transport category: Classification Code: Hazard - No.: LQ:		Packing Instructions (Passenger)  Packing Instructions (Cargo)
14.7	<b>Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code</b>		

**SECTION 15: Regulatory information**

- 15.1 **Safety, health and environmental regulations/legislation specific for the substance or mixture**  
n.av.
- 15.2 **Chemical safety assessment :**  
n.ap.

**SECTION 16: Other information****Text of H phrases mentioned in Section 3**

This datasheet has been compiled in accordance with EU regulation 2015/830.

The statements in this Material Safety Data Sheet were made to the best of our knowledge and are as accurate as possible. They are given for information only. They do not constitute a contractual guarantee of a product's properties. They must neither be altered nor transferred to other products.

Prepared by: CoSiChem AG, Ernst-Lemmer-Straße 23, D - 35041 Marburg, info@cosichem.de, +49-6421-886563

Receipt of Data: 25.04.2013, pue\_0002

