



According to EC-Regulation 1907/2006 (REACH), annex II, including changes implemented by EC-Regulation 2020/878

## SAFETY DATA SHEET

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

#### 1.1. Product identifier

Trade name Hanseline Pffft-STOP Tire Sealant  
Product no. 505012, 505050, 505100

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

Relevant identified uses of the substance or mixture None known.  
Uses advised against None known.

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

Company and address **Gessert & Sohn; Inh. Jan Gessert e.K**  
Siemensstr. 17  
40721 Hilden  
Germany  
+49 2103 51681  
E-mail info@hanseline.de  
Revision 9/4/2023  
SDS Version 1.0

#### 1.4. Emergency telephone number

In urgent situations: Call 112 and request the poison information centre. (24h service)  
Giftnotrufzentrale Berlin, Emergency telephone: +49 30 19240 (day and night)  
See also section 4 for first aid measures.

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### SECTION 2: Hazards identification

#### 2.1. Classification of the substance or mixture

Not classified according to Regulation (EC) No. 1272/2008 (CLP).

#### 2.2. Label elements

Hazard pictogram(s) Not applicable.  
Signal word Not applicable.  
Hazard statement(s) Not applicable.  
Precautionary statement(s)  
General -  
Prevention -  
Response -  
Storage -  
Disposal -  
Hazardous substances None known.  
Additional labelling Not applicable.

#### 2.3. Other hazards

Additional warnings This mixture/product does not contain any substances considered to meet the criteria classifying them as PBT and/or vPvB.  
This product does not contain any substances considered to be endocrine disruptors in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605.

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### SECTION 3: Composition/information on ingredients



According to EC-Regulation 1907/2006 (REACH), annex II, including changes implemented by EC-Regulation 2020/878

### 3.1. Substances

Not applicable. This product is a mixture.

### 3.2. Mixtures

Product/substance	Identifiers	% w/w	Classification	Note
bronopol (INN);2-bromo-2-nitropropane-1,3-diol	CAS No.: 52-51-7 EC No.: 200-143-0 REACH: 01-2119980938-15-XXXX Index No.: 603-085-00-8	<0.25%	Acute Tox. 3, H301 (ATE: 193.00 mg/kg) Acute Tox. 3, H311 Skin Irrit. 2, H315 Eye Dam. 1, H318 Acute Tox. 3, H331 STOT SE 3, H335 Aquatic Acute 1, H400 (M=10) Aquatic Chronic 2, H411	

See full text of H-phrases in section 16. Occupational exposure limits are listed in section 8, if these are available.

### Other information

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## SECTION 4: First aid measures

### 4.1. Description of first aid measures

General information	In the case of accident: Contact a doctor or casualty department – take the label or this safety data sheet. Contact a doctor if in doubt about the injured person's condition or if the symptoms persist. Never give an unconscious person water or other drink.
Inhalation	Upon breathing difficulties or irritation of the respiratory tract: Bring the person into fresh air and stay with him/her.
Skin contact	Upon irritation: rinse with water. In the event of continued irritation, seek medical assistance.
Eye contact	If in eyes: Flush eyes with plenty of water or salt water (20-30 °C) and continue until irritation stops. Remove contact lenses.
Ingestion	If the person is conscious, rinse the mouth with water and stay with the person. Never give the person anything to drink. In case of malaise, seek medical advice immediately and bring the safety data sheet or label from the product. Do not induce vomiting, unless recommended by the doctor. Have the person lean forward with head down to avoid inhalation of or choking on vomited material.
Burns	Not applicable.

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

None known.

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

Treat symptomatically.

### Information to medics

Bring this safety data sheet or the label from this product.

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## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

Suitable extinguishing media: Alcohol-resistant foam, carbon dioxide, powder, water mist.  
Unsuitable extinguishing media: Waterjets should not be used, since they can spread the fire.

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



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Fire will result in dense smoke. Exposure to combustion products may harm your health. Closed containers, which are exposed to fire, should be cooled with water. Do not allow fire-extinguishing water to enter the sewage system and nearby surface waters.

### 5.3. Advice for firefighters

Fire fighters should wear appropriate personal protective equipment.

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## SECTION 6: Accidental release measures

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

Contaminated areas may be slippery.

### 6.2. Environmental precautions

Avoid discharge to lakes, streams, sewers, etc.  
Keep unauthorized persons away from the spill

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

Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations.  
Wherever possible cleaning should be performed with normal cleaning agents. Avoid use of solvents.

### 6.4. Reference to other sections

See section 13 "Disposal considerations" on handling of waste.  
See section 8 "Exposure controls/personal protection" for protective measures.

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## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

Smoking, drinking and consumption of food is not allowed in the work area.  
See section 8 "Exposure controls/personal protection" for information on personal protection.

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

Joint storage is permitted for products in storage classes: 2A, 2B, 3, 4.1B, 4.2, 5.1A, 5.1B, 5.2, 6.1A, 6.1B, 6.1C, 6.1D, 8A, 8B, 10, 11, 12, 13

Restrictions apply to joint storage of products in storage classes: 4.1A, 4.3, 5.1C

Joint storage is NOT allowed for products in all other storage classes.

Recommended storage material      Keep only in original packaging.

Storage class      Storage class 12 (Non-combustible liquids).  
TRGS 510 - Storage of hazardous substances in non-stationary containers.

Storage temperature      Protect from moisture.  
Protect from sunlight.  
Room temperature 15 to 20°C

Incompatible materials      Strong acids

### 7.3. Specific end use(s)

This product should only be used for applications quoted in section 1.2.

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## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

No substances are listed in the national list of substances with an occupational exposure limit.

#### DNEL

bronopol (INN);2-bromo-2-nitropropane-1,3-diol

Duration:	Route of exposure:	DNEL:
Long term – Local effects - General population	Dermal	4 µg/cm <sup>2</sup>
Long term – Local effects - Workers	Dermal	8 µg/cm <sup>2</sup>
Long term – Systemic effects - General population	Dermal	700 µg/kgbw/day



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Long term – Systemic effects - Workers	Dermal	2 mg/kg bw/day
Short term – Local effects - General population	Dermal	4 µg/cm <sup>2</sup>
Short term – Local effects - Workers	Dermal	8 µg/cm <sup>2</sup>
Short term – Systemic effects - General population	Dermal	2.1 mg/kg bw/day
Short term – Systemic effects - Workers	Dermal	6 mg/kg bw/day
Long term – Local effects - General population	Inhalation	600 µg/m <sup>3</sup>
Long term – Local effects - Workers	Inhalation	2.5 mg/m <sup>3</sup>
Long term – Systemic effects - General population	Inhalation	600 µg/m <sup>3</sup>
Long term – Systemic effects - Workers	Inhalation	3.5 mg/m <sup>3</sup>
Short term – Local effects - General population	Inhalation	600 µg/m <sup>3</sup>
Short term – Local effects - Workers	Inhalation	2.5 mg/m <sup>3</sup>
Short term – Systemic effects - General population	Inhalation	1.8 mg/m <sup>3</sup>
Short term – Systemic effects - Workers	Inhalation	10.5 mg/m <sup>3</sup>
Long term – Systemic effects - General population	Oral	180 µg/kgbw/day
Short term – Systemic effects - General population	Oral	500 µg/kgbw/day

## PNEC

bronopol (INN);2-bromo-2-nitropropane-1,3-diol

Route of exposure:	Duration of Exposure:	PNEC:
Freshwater		1.25 µg/L
Freshwater sediment		21.5 µg/kg
Intermittent release (freshwater)		265 ng/L
Marine water		520 ng/L
Marine water sediment		8.944 µg/kg
Sewage treatment plant		430 µg/L
Soil		210 µg/kg

## 8.2. Exposure controls

Control is unnecessary if the product is used as intended.

General recommendations	Smoking, drinking and consumption of food is not allowed in the work area.
Exposure scenarios	There are no exposure scenarios implemented for this product.
Exposure limits	Occupational exposure limits have not been defined for the substances in this product.
Appropriate technical measures	Apply standard precautions during use of the product. Avoid inhalation of vapours.
Hygiene measures	Wash hands after use.
Measures to avoid environmental exposure	No specific requirements.

## Individual protection measures, such as personal protective equipment

Generally	Use only CE marked protective equipment.
Respiratory Equipment	No specific requirements
Skin protection	No specific requirements.
Hand protection	

Material	Glove thickness (mm)	Breakthrough time (min.)	Standards	
Gloves	-	-	EN374	
Eye protection				
Type	Standards			
Safety glasses	EN166			

## SECTION 9: Physical and chemical properties

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

Physical state	Liquid
Colour	White
Odour / Odour threshold	Characteristic
pH	7-8
Density (g/cm <sup>3</sup> )	No data available
Relative density	No data available
Kinematic viscosity	No data available
Dynamic viscosity	(Brookfield) 950CPS-1100CPS
Particle characteristics	No data available

### Phase changes

Melting point/Freezing point (°C)	-20 to -12
Softening point/range (waxes and pastes) (°C)	Does not apply to liquids.
Boiling point (°C)	No data available
Vapour pressure	No data available
Relative vapour density	No data available
Decomposition temperature (°C)	No data available

### Data on fire and explosion hazards

Flash point (°C)	No data available
Flammability (°C)	The material is not combustible.
Auto-ignition temperature (°C)	No data available
Lower and upper explosion limit (% v/v)	No data available

### Solubility

Solubility in water	Partly miscible with water
n-octanol/water coefficient	No data available
Solubility in fat (g/L)	No data available

### 9.2. Other information

Evaporation rate (n-butylacetate = 100)	No data available
Other physical and chemical	No data available.



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parameters

Oxidizing properties

No data available

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## SECTION 10: Stability and reactivity

### 10.1. Reactivity

No data available.

### 10.2. Chemical stability

The product is stable under the conditions, noted in section 7 "Handling and storage".

### 10.3. Possibility of hazardous reactions

None known.

### 10.4. Conditions to avoid

Storage in the open is not recommended.

Sunlight

Water

Dirt

### 10.5. Incompatible materials

Strong acids

### 10.6. Hazardous decomposition products

The product is not degraded when used as specified in section 1.

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## SECTION 11: Toxicological information

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

#### Acute toxicity

Product/substance	bronopol (INN);2-bromo-2-nitropropane-1,3-diol
Species:	Rat
Route of exposure:	Oral
Test:	LD50
Result:	193-211 mg/kg

#### Skin corrosion/irritation

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

#### Serious eye damage/irritation

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

#### Respiratory sensitisation

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

#### 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



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

## 11.2. Information on other hazards

### Long term effects

None known.

### Endocrine disrupting properties

Not applicable.

### Other information

None known.

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## SECTION 12: Ecological information

### 12.1. Toxicity

No data available.

### 12.2. Persistence and degradability

No data available.

### 12.3. Bioaccumulative potential

No data available.

### 12.4. Mobility in soil

No data available.

### 12.5. Results of PBT and vPvB assessment

This mixture/product does not contain any substances considered to meet the criteria classifying them as PBT and/or vPvB.

### 12.6. Endocrine disrupting properties

Not applicable.

### 12.7. Other adverse effects

This product contains substances that are toxic to the environment. May result in adverse effects to aquatic organisms.

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## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

Product is not covered by regulations on dangerous waste.  
Commission Regulation (EU) No 1357/2014 of 18 December 2014 on waste.

### EWC code

Not applicable.

### Contaminated packing

Packaging containing residues of the product must be disposed of similarly to the product.

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## SECTION 14: Transport information

	14.1 UN / ID	14.2 UN proper shipping name	14.3 Hazard class(es)	14.4 PG*	14.5 Env**	Other information:
ADR	-	-	-	-	-	-
IMDG	-	-	-	-	-	-
IATA	-	-	-	-	-	-

\* Packing group

\*\* Environmental hazards

### Additional information

Not dangerous goods according to ADR, IATA and IMDG.



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**14.6. Special precautions for user**

Not applicable.

**14.7. Maritime transport in bulk according to IMO instruments**

No data available.

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**SECTION 15: Regulatory information**

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

Restrictions for application	No special.
Demands for specific education	No specific requirements.
SEVESO - Categories / dangerous substances	Not applicable.
Additional information	Not applicable.
Sources	Commission Regulation (EU) No 1357/2014 of 18 December 2014 on waste. 1993 Hazardous Substances Law Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures (CLP). Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH).

**15.2. Chemical safety assessment**

No

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**SECTION 16: Other information**

**Full text of H-phrases as mentioned in section 3**

H301, Toxic if swallowed.  
H311, Toxic in contact with skin.  
H315, Causes skin irritation.  
H318, Causes serious eye damage.  
H331, Toxic if inhaled.  
H335, May cause respiratory irritation.  
H400, Very toxic to aquatic life.  
H411, Toxic to aquatic life with long lasting effects.

**Abbreviations and acronyms**

ADN = European Provisions concerning the International Carriage of Dangerous Goods by Inland Waterway  
ADR = The European Agreement concerning the International Carriage of Dangerous Goods by Road  
ATE = Acute Toxicity Estimate  
BCF = Bioconcentration Factor  
CAS = Chemical Abstracts Service  
CE = Conformité Européenne (European conformity)  
CLP = Classification, Labelling and Packaging Regulation [Regulation (EC) No. 1272/2008]  
CSA = Chemical Safety Assessment  
CSR = Chemical Safety Report  
DMEL = Derived Minimal Effect Level  
DNEL = Derived No Effect Level  
EINECS = European Inventory of Existing Commercial chemical Substances  
ES = Exposure Scenario  
EUH statement = CLP-specific Hazard statement  
EWC = European Waste Catalogue  
GHS = Globally Harmonized System of Classification and Labelling of Chemicals  
IARC = International Agency for Research on Cancer (IARC)  
IATA = International Air Transport Association  
IBC = Intermediate Bulk Container



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IMDG = International Maritime Dangerous Goods  
LogPow = logarithm of the octanol/water partition coefficient  
MARPOL = International Convention for the Prevention of Pollution From Ships, 1973 as modified by the Protocol of 1978. ("Marpol" = marine pollution)  
OECD = Organisation for Economic Co-operation and Development  
PBT = Persistent, Bioaccumulative and Toxic  
PNEC = Predicted No Effect Concentration  
RID = The Regulations concerning the International Carriage of Dangerous Goods by Rail  
RRN = REACH Registration Number  
SCL = A specific concentration limit  
SVHC = Substances of Very High Concern  
STOT-RE = Specific Target Organ Toxicity - Repeated Exposure  
STOT-SE = Specific Target Organ Toxicity - Single Exposure  
TWA = Time weighted average  
UN = United Nations  
UVBC = Unknown or variable composition, complex reaction products or of biological materials  
VOC = Volatile Organic Compound  
vPvB = Very Persistent and Very Bioaccumulative

#### **Additional information**

In accordance with Article 31 of REACH, a safety data sheet is not required for this product. This safety data sheet has been created on a voluntary basis to distribute relevant information as required under Article 32 of REACH.

#### **The safety data sheet is validated by**

Gessert & Sohn

#### **Other**

A change (in proportion to the last essential change (first cipher in SDS version, see section 1)) is marked with a blue triangle.

The information in this safety data sheet applies only to this specific product (mentioned in section 1) and is not necessarily correct for use with other chemicals/products.

It is recommended to hand over this safety data sheet to the actual user of the product. Information in this safety data sheet cannot be used as a product specification.

Country-language: DE-en