


SAFETY DATA SHEET

according to 1907/2006/EC, Article 31

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Instant Bitumen MTF- 10M

Revision 1
Revision date 2022-05-31

SECTION 1: Identification of the substance/mixture and of the company/undertaking	
1.1. Product identifier	
Product name	Instant Bitumen MTF-10M
REACH	01-2120044958-43-0000
CAS No.	68390-35-2
EC No.	689-796-4
HS No.	391190
1.2. Relevant identified uses of the substance or mixture and uses advised against	
Description	Mixture of resins.
1.3. Details of the supplier of the safety data sheet	
Company	B2Square GmbH
Company address	Necklenbroicher Str. 11 40667 Meerbusch Germany
Web	https://www.bitumenbeyondoil.com/
Telephone	+49 172 587 40769
Email	+31 6 51 63 58 33
Email address of the competent person	Ton.eijkenboom@bitumenbeyondoil.com Ton Eijkenboom (Chief Technology Officer)
Further information	
Intended use	SU3. Industrial use resulting in inclusion into or onto a matrix. Industrial use resulting in manufacture of another substance (use of intermediates). Industrial uses: Uses of substances as such or in preparations at industrial sites.
SECTION 2: Hazards identification	
2.1. Classification of the substance or mixture	
2.1.2. Classification - EC 1272/2008	Acute Tox. 4: H302+H312; Skin Irrit. 2: H315; Skin Sens. 1: H317; Eye Dam. 1: H318;
2.2. Label elements	
Hazard pictograms	
Signal word	Danger
Hazard statement	Acute Tox. 4: H302+H312 - Harmful if swallowed or in contact with skin. Skin Irrit. 2: H315 - Causes skin irritation. Skin Sens. 1: H317 - May cause an allergic skin reaction. Eye Dam. 1: H318 - Causes serious eye damage.


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Precautionary Statement: Prevention	P103 - Read label before use. P261 - Avoid breathing dust/fume/gas/mist/vapours/spray. P280 - Wear protective gloves/protective clothing/eye protection/face protection.						
Precautionary Statement: Response	P302+P352 - IF ON SKIN: Wash with plenty of water/ see section [] for further information., 4.1. P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.						
Precautionary Statement: Disposal	An approved waste disposal plant (in accordance with local/regional/national/international regulation). P501 - Dispose of contents/container to						
2.3. Other hazards							
Other hazards	Skin Sens. 1: H317 - May cause an allergic skin reaction. Skin Irrit. 2: H315 - Causes skin irritation.						
Other information							
SECTION 3: Composition/information on ingredients							
3.1. Substances							
EC 1272/2008							
Chemical Name	Index No.	CAS No.	EC No.	REACH Registration Number	Conc. (%w/w)	Classification	M-factor.
Instant Bitumen MTF- 10M		68390-35-2	689-796-4	01-2120044958-43-0000	90 - 100%	Acute Tox. 4: H302+H312; Skin Irrit. 2: H315; Skin Sens. 1: H317; Eye Dam. 1: H318;	
Hazardous ingredients							
	Non hazardous.						
Description							
	Direct thermal polymerized natural resins (non "442").						
Further information							
SECTION 4: First aid measures							
4.1. Description of first aid measures							
Description							
Inhalation	In case of accident by inhalation: remove casualty to fresh air and keep at rest.						
Eye contact	Rinse immediately with plenty of water for 15 minutes holding the eyelids open. Seek medical attention if irritation or symptoms persist.						
Skin contact	May cause irritation to skin. Rub contaminated skin with Vaseline, then rinse with plenty of water and oily soap.						
Ingestion	Immediate medical attention is required.						
SECTION 5: Firefighting measures							
5.1. Extinguishing media							
	Carbon dioxide (CO ₂). Dry chemical. Foam. Water spray. Cool fire exposed containers with waterspray.						
5.3. Advice for firefighters							
	Wear suitable respiratory equipment when necessary.						

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SECTION 6: Accidental release measures		
6.1. Personal precautions, protective equipment and emergency procedures		
	Keep personnel away from spill.	
6.2. Environmental precautions		
	Advise local authorities if large spills cannot be contained. Do not allow product to enter drains. Do not let product contaminate subsoil.	
6.3. Methods and material for containment and cleaning up		
	Absorb with inert, absorbent material. chalk. Sweep up.	
Further information	WGK 1.	
SECTION 7: Handling and storage		
7.1. Precautions for safe handling		
	Open container carefully. Specific use.	
7.2. Conditions for safe storage, including any incompatibilities		
	Keep container tightly closed and in a well-ventilated place. Store in a cool, dry area. Store in correctly labelled containers.	
7.3. Specific end-use		
	Specific use.	
Suitable packaging		
	Mild steel containers. Plastic containers. Suitable packaging.	
SECTION 8: Exposure controls/personal protection		
8.1. Control parameters		
	DNEL: Derived no-effect level.	
8.1.1. Exposure limit values		
DNEL: Derived no-effect level.		
Exposure Pattern - Workers		
Instant Bitumen MTF-10M	Acute inhalation - Local effects 0,88 mg/m ³ Acute dermal - Local effects 0,5 bw/day	
Exposure Pattern - General population		
Instant Bitumen MTF-10M	Acute inhalation - Local effects 0,2 mg/m ³ Acute dermal - Systemic effects 0,25 bw/day Acute oral - Systemic effects 0 <none>	Acute dermal - Local effects 0,25 bw/day Acute oral - Local effects 0,25 bw/day
8.2. Exposure control measures		
		
8.2.2. Individual protection measures	Wear protective clothing. Wash all contaminated clothing before reuse.	
Eye / face protection	Safety glasses with side-shields.	
Skin protection - Handprotection	Rubber gloves.	
8.2.3. Environmental exposure controls	Do not allow product to enter drains. Do not let product contaminate subsoil.	
Further information	Keep away from food, drink and animal feedingstuffs.	

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SECTION 9: Physical and chemical properties		
9.1. Information on basic physical and chemical properties		
Appearance	Viscous liquid.	
Colour	Brown	
Odour	Characteristic	
pH	7 - 8.5	
Flash point	201 °C	
Vapour pressure	= 0.0001 Pa	
Vapour density	Not determined	
Water solubility	0 g/cm ³	
Autoignition temperature	Not applicable	
Viscosity	≈ 1500 mPas (Cone & Plate)	
Solubility	Insoluble in water	
9.2. Other information		
Specific gravity	≈ 1	
Benzene Content	0 %	
Lead content	0 %	
VOC (Volatile Organic Compound)	0 g/liter (NEN EN gram / liter)	
Total Solids	> 99 g/l	
SECTION 10: Stability and reactivity		
10.1 Reactivity		
	Stable under normal conditions.	
10.2. Chemical stability		
	Non hazardous. Stable under normal conditions.	
10.3. Possibility of hazardous reactions		
	No Significant Hazard.	
10.6. Hazardous decomposition products		
	Will not decompose if stored and used as recommended.	
SECTION 11: Toxicological information		
11.1. Information on toxicological effects		
Respiratory or skin sensitisation	May cause sensitisation by skin contact.	
Germ cell mutagenicity	No mutagenic effects reported.	
Carcinogenicity	No carcinogenic effects reported.	
11.1.4. Toxicological Information		
Instant Bitumen MTF-10M	Oral Rat LD50: 500	
	No data is available on this product.	
SECTION 12: Ecological information		
12.1 Toxicity		
Instant Bitumen MTF-10M	Daphnia EC50/48h: 2000.0000 mg/l Green Algae EC50/48h: 1300	Fish LC50/96h: 1000.0000 mg/l
12.2. Persistence and degradability		
	Insoluble in water. More than 90% biodegradable.	
12.3. Bioaccumulation potential		
	Does not bioaccumulate.	
Further information		
	No known adverse environmental effects. WGK 1.	
SECTION 13: Disposal considerations		
General information		
	Can be incinerated if in compliance with local and national regulations. Dispose of in compliance with all local and national regulations. Do not empty into drains.	
Disposal methods		
	Contact a licensed waste disposal company.	
Disposal of packaging		

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	Containers can be recycled if in compliance with local and national regulations. Empty containers can be sent for disposal or recycling.
SECTION 14: Transport information	
14.1. UN number	
	The product is not classified as dangerous for transport.
14.2. UN proper shipping name	
	The product is not classified as dangerous for transport.
14.3. Transport hazard class(es)	
	The product is not classified as dangerous for transport.
14.4. Packing group	
	The product is not classified as dangerous for transport.
14.5. Environmental hazards	
	The product is not classified as dangerous for transport.
14.6. Special precautions for user	
	The product is not classified as dangerous for transport.
14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code	
	The product is not classified as dangerous for transport.
ADR/RID	
	The product is not classified as dangerous for transport.
IMDG	
	The product is not classified as dangerous for transport.
IATA	
	The product is not classified as dangerous for transport.
Further information	
	The product is not classified as dangerous for transport.
SECTION 15: Regulatory information	
15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture	
Regulations	WGK 1.
Further information	
	See section 7. HANDLING AND STORAGE for further info.
SECTION 16: Other information	
Other information	
Revision	The information supplied in this Safety Data Sheet is designed only as guidance for the safe use, storage and handling of the product. This information is correct to the best of our knowledge and belief at the date of publication however no guarantee is made to its accuracy. This 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 other process. This information is correct to the best of our knowledge and belief at the date of publication however no guarantee is made to its accuracy. This document differs from the previous version in the following areas:. 1 - EC No. 1 - Intended use. 1 - Other means of identification. 2 - Hazard pictograms. 9 - 9.1. Information on basic physical and chemical properties (PH). 9 - 9.1. Information on basic physical and chemical properties (Vapour pressure). 9 - 9.1. Information on basic physical and chemical properties (Water solubility). 11 - 11.1.4. Toxicological Information. 12 - 12.1. Toxicity. 15 - Regulations.
Text of risk phrases in Sec. 3	Text of risk phrases in Section 3.
Text of Hazard Statements in Section 3	Acute Tox. 4: H302+H312 - Harmful if swallowed or in contact with skin Skin Irrit. 2: H315 - Causes skin irritation.

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	Skin Sens. 1: H317 - May cause an allergic skin reaction. Eye Dam. 1: H318 - Causes serious eye damage.
Restricted use	Restricted use
Print date	Print date
Maximum content of VOC	0 g/liter (NEN EN gram / liter).