6111051 - GRIFFON UNI-100® FLACON 1 L ES/PT/IT



Page 1/9 Safety data sheet according to 1907/2006/EC, Article 31 Printing date 10.10.2013 Version number 13 Revision: 10.10.2013 1 Identification of the substance/mixture and of the company/undertaking . Product identifier . Trade name: UNI-100® . Relevant identified uses of the substance or mixture and uses advised against No further relevant information available. . Application of the substance / the preparation Adhesive . Details of the supplier of the safety data sheet . Manufacturer/Supplier: Bison International Dr.A.F.Philipsstraat 9 NL-4462 EW Goes PO Box 160 NL-4460 AD Goes tel. +31 88 3235700 fax. +31 88 3235800 e mail: msds@bison.boltongroup.nl . Further information obtainable from: Bison QESH . Emergency telephone number: +31 88 3235700 2 Hazards identification . Classification of the substance or mixture Classification according to Regulation (EC) No 1272/2008 * GHS02 Flam. Liq. 2 H225 Highly flammable liquid and vapour. GHS08 H351 Suspected of causing cancer. Carc. 2 GHS07 Eye Irrit. 2 H319 Causes serious eye irritation. STOT SE 3 H335 May cause respiratory irritation. Classification according to Directive 67/548/EEC or Directive 1999/45/EC X Xn; Harmful Limited evidence of a carcinogenic effect. R40: Xi; Irritant R36/37: Irritating to eyes and respiratory system. F; Highly flammable 102 R11: Highly flammable. (Contd. on page 2) GB



Page 2/9

6111051 - GRIFFON UNI-100® FLACON 1 L ES/PT/IT

Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 10.10.2013

Version number 13

Revision: 10.10.2013

```
Trade name: UNI-100®
```

	(Contd. of page 1)				
	<pre>Information concerning particular hazards for human and environment: The product has to be labelled due to the calculation procedure of the "General Classification guideline for preparations of the EU" in the latest valid version. Classification system: The classification is according to the latest editions of the EU-lists, and extended by company and literature data.</pre>				
•	Label elements				
	 Labelling according to EU guidelines: The product has been classified and marked in accordance with EU Directives / Ordinance on Hazardous Materials. 				
•	Code letter and hazard designation of product: Xn Harmful F Highly flammable				
•	Hazard-determining components of labelling: tetrahydrofuran				
•	<pre>. Risk phrases: 11 Highly flammable. 36/37 Irritating to eyes and respiratory system. 40 Limited evidence of a carcinogenic effect.</pre>				
	 Safety phrases: 9 Keep container in a well-ventilated place. 16 Keep away from sources of ignition - No smoking. 25 Avoid contact with eyes. 26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. 46 If swallowed, seek medical advice immediately and show this container or label. 61 Avoid release to the environment. Refer to special instructions/safety data sheets. Other hazards 				
	Results of PBT and vPvB assessment PBT: Not applicable.				
	vPvB: Not applicable.				
3	Composition/information on ingredients				
	Mixtures Description: Adhesive				
	Dangerous components:				
	CAS: 109-99-9 EINECS: 203-726-8				
	(concu. on page 3)				

*



Page 3/9

6111051 - GRIFFON UNI-100[®] FLACON 1 L ES/PT/IT

	ty data sheet 1907/2006/EC, Article 31					
	sion number 13	Revision: 10.10.2013				
Trade name: UNI-100®						
CAS: 78-93-3 methyl e		(Contd. of page 2) 10-25% ox. 4, H332 2.5-10%				
Flam. STOT SE . Additional information:	Liq. 2, H225; \diamondsuit Eye Irri 3, H336					
For the wording of the listed ris	phrases refer to section	16.				
 4 First aid measures Description of first aid measures After inhalation: Supply fresh air. If required, provide artificial respiration. Keep patient warm. Consult doctor if symptoms persist. In case of unconsciousness place patient stable in side position for transportation. After skin contact: Generally the product does not irritate the skin. After eye contact: Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor. After swallowing: Do not induce vomiting; call for medical help immediately. Information for doctor: Most important symptoms and effects, both acute and delayed No further relevant information available. Indication of any immediate medical attention and special treatment needed No further relevant information available. 						
 5 Firefighting measures Extinguishing media Suitable extinguishing agents: Water haze Alcohol resistant foam Fire-extinguishing powder Carbon dioxide For safety reasons unsuitable ext: Special hazards arising from the s No further relevant information as Advice for firefighters Protective equipment: Mount respined Additional information Cool endangered receptacles with a Collect contaminated fire fighting system. 	substance or mixture vailable. catory protective device. vater spray.					
 <u>6 Accidental release measures</u> <u>Personal precautions, protective e</u> Wear protective equipment. Keep un <u>Environmental precautions:</u> Prevent seepage into sewage system Do not allow to enter sewers/ surf 	nprotected persons away. n, workpits and cellars.	(Contd. on page 4)				

*



6111051 - GRIFFON UNI-100[®] FLACON 1 L ES/PT/IT

Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 10.10.2013

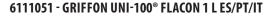
Version number 13

Page 4/9

Trade name: UNI-100®

(Contd. of page 3) Methods and material for containment and cleaning up: Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust). Dispose contaminated material as waste according to item 13. Ensure adequate ventilation. Reference to other sections See Section 7 for information on safe handling. See Section 8 for information on personal protection equipment. See Section 13 for disposal information. 7 Handling and storage . Handling: . Precautions for safe handling Ensure good interior ventilation, especially at floor level. (Fumes are heavier than air). . Information about fire - and explosion protection: Keep ignition sources away - Do not smoke. Protect against electrostatic charges. . Conditions for safe storage, including any incompatibilities . Storage: . Requirements to be met by storerooms and receptacles: Store in a cool location. . Information about storage in one common storage facility: Not required. . Further information about storage conditions: Keep receptacle tightly sealed. Store in cool, dry conditions in well sealed receptacles. . Specific end use(s) No further relevant information available. 8 Exposure controls/personal protection . Additional information about design of technical facilities: No further data; see item 7. · Control parameters . Ingredients with limit values that require monitoring at the workplace: 109-99-9 tetrahydrofuran WEL () Short-term value: 300 mg/m³, 100 ppm Long-term value: 150 mg/m³, 50 ppm Sk 108-94-1 cyclohexanone WEL () Short-term value: 82 mg/m³, 20 ppm Long-term value: 41 mg/m³, 10 ppm Sk, BMGV 78-93-3 methyl ethyl ketone WEL () Short-term value: 899 mg/m³, 300 ppm Long-term value: 600 mg/m³, 200 ppm Sk, BMGV . Additional information: The lists valid during the making were used as basis. . Exposure controls . Personal protective equipment: . General protective and hygienic measures: The usual precautionary measures are to be adhered to when handling chemicals. Keep away from foodstuffs, beverages and feed. Immediately remove all soiled and contaminated clothing

(Contd. on page 5)



Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 10.10.2013

Version number 13

Revision: 10.10.2013

Page 5/9

Trade name: UNI-100®						
		(Contd. of page 4	1)			
	preaks and at the en	d of work.				
Avoid contact with						
. Respiratory protect		tion use respiratory filter device. In case	2			
		lf-contained respiratory protective device.				
Suitable respirato:	ry protective device					
. Protection of hands						
	Solvent resistant gloves					
	The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.					
		to the glove material can be given for the	9			
	product/ the preparation/ the chemical mixture.					
Selection of the glove material on consideration of the penetration times, rates						
of diffusion and th . Material of gloves	le degradation					
-	ne suitable gloves d	oes not only depend on the material, but				
		aries from manufacturer to manufacturer. As	3			
the product is a preparation of several substances, the resistance of the glove						
		nce and has therefore to be checked prior				
to the application . Penetration time o :						
		found out by the manufacturer of the				
protective gloves and has to be observed.						
. For the permanent contact of a maximum of 15 minutes gloves made of the following						
materials are suitable: PVC or PE gloves						
. Eye protection:						
micht lu co	alad gaggiag					
rightly se	aled goggles					
. Body protection: So	olvent resistant pro	tective clothing				
9 Physical and chemic	cal properties					
. Information on bas:	ic physical and chem	ical properties				
. General Information	a					
. Appearance:						
Form:	Flui	<u>~</u>				
Colour: . Odour:		rding to product specification acteristic				
. Odour threshold:		determined.				
. pH-value:		determined.				
-		determined.				
. Change in condition Melting point/Me		termined.				
Boiling point/Bo						
. Flash point:	< 0					
. Flammability (solid		applicable.				
. Ignition temperatur	-					
. Decomposition tempe		determined.				

(Contd. on page 6)

*





Page 6/9

Safety data sheet according to 1907/2006/EC, Article 31						
Printing date 10.10.2013 Ve	rsion number 13	Revision: 10.10.2013				
Trade name: UNI-100®						
		(Contd. of page 5)				
. Self-igniting:	Product is not selfignit	ing.				
. Danger of explosion:	Product is not explosive explosive air/vapour mix					
. Explosion limits:						
Lower: Upper:	1.3 Vol % 12.0 Vol %					
. Vapour pressure at 20 °C:	200 hPa					
. Density at 20 °C:	0.989 g/cm³					
. Relative density	Not determined.					
. Vapour density . Evaporation rate	Not determined. Not determined.					
. Solubility in / Miscibility with						
water:	Not miscible or difficul	t to mix.				
 Partition coefficient (n-octanol, water): 	/ Not determined.					
. Viscosity:						
Dynamic at 20 °C: Kinematic:	2500 mPas Not determined.					
Solids content:	20.9 %					
. Other information	No further relevant info	rmation available.				
10 Stability and reactivity						
 Reactivity Chemical stability 						
. Thermal decomposition / condition	ns to be avoided:					
No decomposition if used accordin		1				
. Possibility of hazardous reaction . Conditions to avoid No further re						
. Incompatible materials: No furthe	er relevant information av	ailable.				
. Hazardous decomposition products	Danger of forming toxic	pyrolysis products.				
11 Toxicological information						
. Information on toxicological effe	ects					
-	. Acute toxicity: . LD/LC50 values relevant for classification:					
109-99-9 tetrahydrofuran						
Oral LD50 3000 mg/kg (rat)						
-	. Primary irritant effect:					
. on the eye: Irritating effect.	. on the skin: No irritant effect. . on the eve: Irritating effect.					
	. Sensitization: No sensitizing effects known.					
 Additional toxicological information: The product shows the following dangers according to the calculation method of 						
the General EU Classification Guidelines for Preparations as issued in the latest						
version: Irritant						
		(Contd. on page 7)				

*



6111051 - GRIFFON UNI-100[®] FLACON 1 L ES/PT/IT

Safety data sheet

according to 1907/2006/EC, Article 31

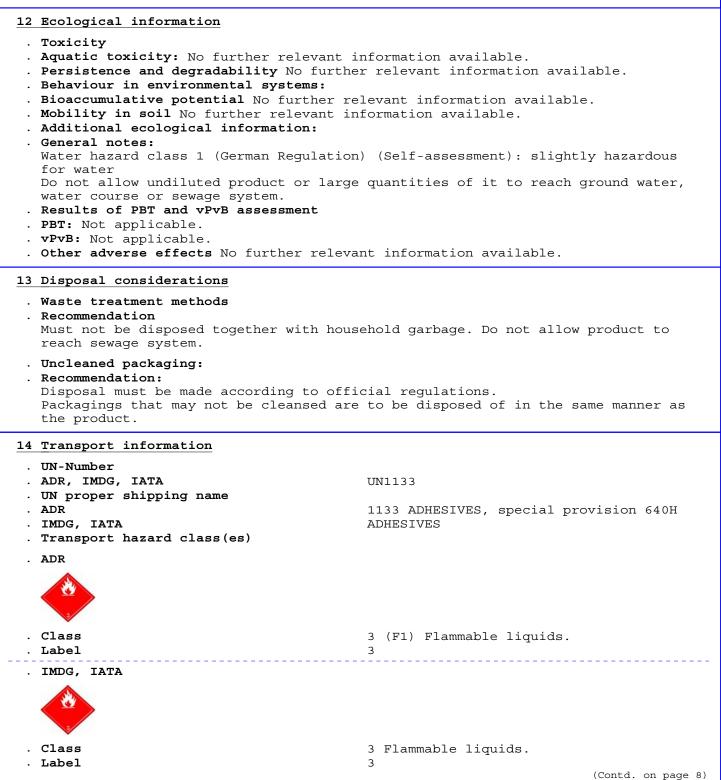
Printing date 10.10.2013

Version number 13

Trade name: UNI-100®

(Contd. of page 6)

Page 7/9



7

GB





Safety data sheet according to 1907/2006/EC, Article 31 Page 8/9

Printing date 10.10.2013

Version number 13

Revision: 10.10.2013

Trade name: UNI-100® (Contd. of page 7) . Packing group . ADR, IMDG, IATA TTT . Environmental hazards: . Marine pollutant: No . Special precautions for user Warning: Flammable liquids. . Danger code (Kemler): 33 . EMS Number: F-E,S-D . Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code Not applicable. . Transport/Additional information: . ADR . Limited quantities (LQ) 5L. Transport category 3 . Tunnel restriction code D/E . IMDG . Remarks: Under certain conditions substances in Class 3 (flammable liquids) can be classified in packinggroup III. See IMDG, Part 2, Chapter 2.3, Paragraph 2.3.2.2 . UN "Model Regulation": UN1133, ADHESIVES, special provision 640H, 3, III 15 Regulatory information . Safety, health and environmental regulations/legislation specific for the substance or mixture . Labelling according to EU guidelines: The product has been classified and marked in accordance with EU Directives / Ordinance on Hazardous Materials. . Code letter and hazard designation of product: Xn Harmful F Highly flammable . Hazard-determining components of labelling: tetrahydrofuran . Risk phrases: 11 Highly flammable. 36/37 Irritating to eyes and respiratory system. Limited evidence of a carcinogenic effect. 40 . Safety phrases: 9 Keep container in a well-ventilated place. 16 Keep away from sources of ignition - No smoking. 25 Avoid contact with eyes. 26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. 46 If swallowed, seek medical advice immediately and show this container or label.

61 Avoid release to the environment. Refer to special instructions/safety data sheets.

(Contd. on page 9)



6111051 - GRIFFON UNI-100[®] FLACON 1 L ES/PT/IT

Safety data sheet

Page 9/9

according to 1907/2006/EC, Article 31

Printing date 10.10.2013

Version number 13

Revision: 10.10.2013

Trade name: UNI-100®

(Contd. of page 8) . National regulations: . Technical instructions (air): . Class Share in % NK 50 - 100· Waterhazard class: Water hazard class 1 (Self-assessment): slightly hazardous for water. . Chemical safety assessment: A Chemical Safety Assessment has not been carried out. 16 Other information This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship. . Relevant phrases H225 Highly flammable liquid and vapour. H226 Flammable liquid and vapour. H319 Causes serious eye irritation. H332 Harmful if inhaled. May cause respiratory irritation. H335 H336 May cause drowsiness or dizziness. H351 Suspected of causing cancer. R10 Flammable. Highly flammable. R11 R19 May form explosive peroxides. R20 Harmful by inhalation. R36 Irritating to eyes. R36/37 Irritating to eyes and respiratory system. R40 Limited evidence of a carcinogenic effect. R66 Repeated exposure may cause skin dryness or cracking. Vapours may cause drowsiness and dizziness. R67 Department issuing MSDS: QESH Department Contact: Reach coördinator * Data compared to the previous version altered.

9

GB