

1	Identification of the substance/mixture and of the company / undertaking	
1.1	Product identifier:	Baum-Pflaster
1.2	Relevant identified uses of the substance or mixture and uses advised against:	Plant strengthener (Germany). For the treatment of tree wounds and graftings.
1.3	Details of the supplier of the safety data sheet:	F. Schacht GmbH & Co. KG
	Adress:	Büldenweg 48 D-38106 Braunschweig Fon +49 531-2 38 030 Fax +49 531-2 38 03 30 www.schacht.de
	E-mail address for a competent person responsible for the safety data sheet:	info@schacht.de
1.4	Emergency telephone number:	+49 531-2 38 030
	Contactable:	Office hours (Mo – Do: 07.00 – 16.00; Fr: 07.00 – 14.30)
2	Hazards identification	
	Classification of the substance or mixture in accordance with Regulation 1272/2008 (CLP):	 GHS02, Warning H226 Flammable liquid and vapour.
2.2	Label elements:	 Warning H226 Flammable liquid and vapour. P102 Keep out of reach of children. P210 Keep away from heat/sparks/open flames/hot surfaces. – No smoking.
2.3	Other hazards / the substance or mixture meets the criteria for PBT or vPvB in accordance with Annex XIII:	None
	Classification, including the hazard statements and R phrases, written out in full:	See section 16
3	Composition / information on ingredients	
3.1	Substances:	This product is a mixture.
3.2	Mixtures:	
3.2.1	Chemical name:	Ethanol
	CAS No:	64-17-5
	EINECS No.:	200-578-6
	Classification according Directive 1999/45/EC:	F, R 11
	Classification according Regulation 1272/2008 (CLP):	GHS02 Flame, Flam. Liq. 2, H225. GHS07 Warning, Eye Irrit. 2, H319.
	Range of percentages:	10-15 %
4	First aid measures	
4.1	Description of first aid measures:	After contact with the eyes, rinse with water with the eyelids open for a sufficient length of time. Wash affected skin with plenty of water and soap.
4.2	Most important symptoms and effects, both acute and delayed:	No symptoms known.
4.3	Indication of any immediate medical attention and special treatment needed:	Not necessary.
5	Firefighting measures	
5.1	Suitable extinguish media:	CO ₂ , dry extinguishing powder, water spray jet, alcohol resistant foam.
	Extinguishing media which must not be used for safety reasons:	Full water jet.
5.2	Special hazards arising from the substance or mixture:	Unknown

5.3	Advice for firefighters:	Non(e)
6	Accidental release measures	
6.1	Personal precautions, protective equipment and emergency procedures:	Not necessary.
6.2	Environmental precautions:	Not necessary.
6.3	Methods and material for containment and cleaning up:	Sweep up and shovel.
6.4	Reference to other sections:	No
7	Handling and storage	
7.1	Precautions for safe handling:	Avoid contact with skin, eye and clothing. Wash hands before breaks and after work. When using do not eat, drink, smoke, sneeze. Observe common measures of precaution in handling chemicals.
7.2	Conditions for safe storage, including any incompatibilities:	Protect against: heating, frost, cold, humidity.
7.3	Specific end use(s):	Plant strengthener. For the treatment of tree wounds and graftings.
8	Exposure controls/personal protection	
8.1	Control parameters:	Ethanol (CAS 64-17-5) AGW (Germany): 960 mg/m ³ , 500 ml/m ³ ; 2(II); DFG, Y
8.2	Exposure controls	
	Appropriate engineering controls:	Not necessary.
	Individual protection measures, such as personal protective equipment:	Not necessary.
	Environmental exposure controls:	Not necessary.
9	Physical and chemical properties	
9.1	Information on basic physical and chemical properties:	
	Appearance:	Greenish paste
	Odour:	Aromatic
	Odour threshold:	No data available
	pH:	n/a
	Melting point/freezing point:	n/a
	Initial boiling point and boiling range:	n/a
	Flash point:	29°C
	Evaporation rate:	No data available
	Flammability (solid, gas):	Flammable
	Upper/lower flammability or explosive limits:	Not explosive
	Vapour pressure:	No data available
	Vapour density:	No data available
	Relative density:	No data available
	Solubility(ies):	No data available
	Partition coefficient: n-octanol/water:	No data available
	Auto-ignition temperature:	No data available
	Decomposition temperature:	No data available
	Viscosity (dynamic / 30°C):	No data available
	Explosive properties:	No data available
	Oxidising properties:	No data available
9.2	Other information:	None
10	Stability and reactivity	
10.1	Reactivity:	n/a
10.2	Chemical stability:	n/a
10.3	Possibility of hazardous reactions:	No hazardous reactions if used as prescribed.
10.4	Conditions to avoid:	Temperatures \geq 25°C
10.5	Incompatible materials:	No data available
10.6	Hazardous decomposition products:	No hazardous decomposition products if used as prescribed.

11	Toxicological information	
	Information on toxicological effects	
	Acute toxicity:	The product does not contain a toxic ingredients in concentrations ranges causing classification.
	Irritation:	The products does not contain irritated ingredients in concentrations ranges causing classification.
	Eye irritation (OECD no. 405, test with comparable product):	Not irritating to eyes
	Corrosivity:	The product does not contain corrosive ingredients in concentrations ranges causing classification.
	Sensitisation:	The product does not contain sensitizing ingredients in concentrations ranges causing classification
	Repeated dose toxicity:	No data available.
	Carcinogenicity:	All ingredients without CMR-effects.
	Mutagenicity:	All ingredients without CMR-effects.
	Toxicity for reproduction:	All ingredients without CMR-effects.
12	Ecological information	
12.1	Toxicity	
	Acute toxicity to algae (OECD 201):	EC ₅₀ > 100 mg / l (comparable mixture)
	Acute toxicity to <i>Daphnia magna</i> (OECD 202):	EC ₅₀ > 100 mg / l (comparable mixture)
	Acute toxicity to zebra-fish (OECD 203):	EC ₅₀ > 100 mg / l (comparable mixture)
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:	n/a
12.6	Other adverse effects:	Non(e)
13	Disposal considerations	
13.1	Waste treatment methods:	Dispose according to official regulations. Completely emptied packings can be re-cycled.
14	Transport information	
	ADR / RID (road / rail); ADN (inland waterways) and IMDG (maritime); ICAO (air):	
14.1	UN number:	1866
14.2	UN proper shipping name:	RESIN SOLUTION, FLAMMABLE
14.3	Transport hazard class(es):	3, F1
14.4	Packing group:	III
14.5	Environmental hazards:	None
14.6	Special precautions for user:	None
14.7	Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code:	No data available
14.8	Limited Quantities:	5 L
15	Regulatory information	
15.1	Safety, health and environmental regulations/legislation specific for the substance or mixture:	Plant strengthener (PflSchG [Germany])
15.2	Chemical safety assessment:	No
16	Other information	
	Indication of changes:	Three lines at the right side.
	Abbreviations:	n/a non-applicable nwg not water endangering
	Data references:	MSDS of suppliers
	Mixtures: methods of evaluating information referred to in Article 9 of Regulation (EC) No 1272/2008 used for the purpose of classification:	No
	List of relevant R phrases, hazard statements, safety	H319 Causes serious eye irritation.

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Material Safety Data Sheet

According to
Regulation (EU) No 1907/2006

Product: Baum-Pflaster
Revised at: 08.04.15
Replaces version of: 12.12.14
Contact: info@schacht.de
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phrases and/or precautionary statements:	H225	Highly flammable liquid and vapour.
	H226	Flammable liquid and vapour.
	P102	Keep out of reach of children.
	P210	Keep away from heat/sparks/open flames/hot surfaces. – No smoking.
Training advice:	Not necessary	
The details rest on the today's level of our knowledge. However, they demonstrate no assurance of product features and explain no contractual legal relationship.		