





1 Identification of the substance / preparation and of the company

Buehler Balsam, Neutral Article number: 40-8110-004, 40-8110-016

Use:	See product information.
Identified use:	none
Method of operation:	See product information.
Company:	Buehler GmbH In der Steele 2 D-40599 Düsseldorf / GERMANY Phone: 0800 707 6273 Fax: 0800 707 6274 Homepage: www.buehler-met.de/en/ E-mail: sales@buehler.co.uk
Emergency phone:	0800 707 6273 (Only valid if dialled within the UK) +49 (0) 211 974100
Responsible:	Schroeder@chemiebuero.de

2 Hazards identification

Physico-chemical hazards:	See chapter 10 and R-phrases.
Human health dangers:	If swallowed or in the event of vomiting, risk of product entering the lungs. See R-phrases.
Environmental hazards:	See R-phrases.
Other hazards:	none
Hazard symbols:	<div style="display: flex; justify-content: space-around; align-items: center;"> <div style="text-align: center;">  Harmful </div> <div style="text-align: center;">  Dangerous for the environment </div> </div>
R-phrases:	R 10: Flammable. R 20/21/22: Harmful by inhalation, in contact with skin and if swallowed. R 36/38: Irritating to eyes and skin. R 43: May cause sensitisation by skin contact. R 51/53: Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

3 Composition / Information on ingredients

Range [%]	Substance
30 - 60	Turpentine oil Registration: CAS: 8006-64-2, EINECS/ELINCS: 232-350-7, EU-INDEX: 650-002-00-6, ECBnr: GHS/CLP: EEC: Xn-N, R10-20/21/22-36/38-43-65-51/53
> 5	Rosin Registration: CAS: 8050-09-7, EINECS/ELINCS: 232-475-7, EU-INDEX: 650-015-00-7, ECBnr: GHS/CLP: EEC: Xi, R43

Comment on component parts:	For the wording of the listed risk phrases refer to section 16.
Substances of Very High Concern - SVHC:	There are contained no substances which are named in the list SVHC (Candidate List of Substances of Very High Concern for authorization).

4 First aid measures

General information:	Remove contaminated soaked clothing immediately and dispose of safely.
Inhalation:	Ensure supply of fresh air. Seek medical advice immediately.
Skin contact:	In case of contact with skin wash off immediately with soap and water. Consult a doctor if skin irritation persists.
Eye contact:	In case of contact with eyes rinse thoroughly with plenty of water and seek medical advice.
Ingestion:	Consult a doctor immediately. Rinse out mouth and give plenty of water to drink. Do not induce vomiting.
Advice to doctor:	If swallowed or in the event of vomiting, risk of product entering the lungs.

**5 Fire-fighting measures**

Suitable extinguishing media:	Foam. Carbon dioxide. Water spray jet. Dry powder.
Extinguishing media that must not be used:	Full water jet.
Special exposure hazards arising from the substance or preparation itself or combustion products:	Unknown risk of formation of toxic pyrolysis products.
Special protective equipment for firefighters:	Use self-contained breathing apparatus.
Additional information:	Fire residues and contaminated firefighting water must be disposed of in accordance with the local regulations.

6 Accidental release measures

Personal precautions:	Ensure adequate ventilation. High risk of slipping due to leakage/spillage of product. Use personal protective clothing. Keep away from all sources of ignition.
Environmental precautions:	Prevent spread over a wide area (e.g. by containment or oil barriers). Do not discharge into the drains/surface waters/groundwater.
Methods for cleaning up:	Take up with absorbent material (e.g. sand). Dispose of absorbed material in accordance with the regulations.

7 Handling and storage

Advice on safe handling:	Provide good room ventilation even at ground level (vapours are heavier than air).
Advice on protection against fire and explosion:	Vapours can form an explosive mixture with air. Keep away from all sources of ignition - Refrain from smoking.
Requirements for storage rooms and vessels:	Keep only in original container.
Advice on storage compatibility:	Do not store together with oxidizing agents.
Further information on storage conditions:	Protect from heat/overheating. Keep container in a well-ventilated place. Keep container tightly closed.

8 Exposure controls / personal protection

Additional advice on system design: Ensure adequate ventilation on workstation.

Ingredients with occupational exposure limits to be monitored: (GB)

Range [%]	Substance / WEL: Workplace exposure limit
30 - 60	Turpentine oil / 100ppm, 566mg/m ³ , -

Respiratory protection:	Breathing apparatus in the event of high concentrations. Short term: filter apparatus, filter A.
Hand protection:	Nitrile rubber, >480 min (EN 374).
Eye protection:	Safety glasses.
Skin protection:	Light protective clothing of plastic material.
General protective measures:	Avoid contact with eyes and skin. Do not inhale vapours.
Hygiene measures:	Do not eat, drink, smoke or take drugs at work. Remove soiled or soaked clothing immediately. After worktime and before work breaks the affected skin areas must be thoroughly cleaned. Use barrier skin cream.
Delimitation and monitoring of the environmental exposition:	not determined

**9 Physical and chemical properties**

Form:	liquid
Color:	yellow
Odor:	characteristic
pH-value:	not applicable
pH-value [1%]:	not applicable
Boiling point [°C]:	154-290
Flash point [°C]:	43
Flammability [°C]:	not determined
Lower explosion limit:	not determined
Upper explosion limit:	not determined
Oxidizing properties:	no
Vapour pressure [kPa]:	0,67 (20°C)
Density [g/ml]:	1,05
Bulk density [kg/m³]:	not applicable
Solubility in water:	immiscible
Partition coefficient [n-octanol/water]:	not determined
Viscosity:	> 7mm²/s 40°C
Relative vapour density determined in air:	not determined
Evaporation speed:	not determined
Melting point [°C]:	not determined
Autoignition temperature [°C]:	253
Decomposition temperature:	not determined

10 Stability and reactivity

Hazardous reactions:	Evolution of flammable mixtures possible in air when heated above flash point and/or during spraying or misting. Reactions with strong oxidizing agents.
Hazardous decomposition products:	No hazardous decomposition products known.

11 Toxicological information

Acute oral toxicity:	not determined
Acute dermal toxicity:	not determined
Acute inhalational toxicity:	not determined
Irritant effect on eye:	not determined
Irritant effect on skin:	not determined
Sensitization:	not determined
Subacute toxicity:	not determined
Chronic toxicity:	not determined
Mutagenicity:	not determined
Reproduction toxicity:	not determined
Carcinogenicity:	not determined
Experiences made in practice:	none
General remarks:	The product was classified on the basis of the calculation procedure of the preparation directive.






12 Ecological information

Fish toxicity:	not determined
Daphnia toxicity:	not determined
Behaviour in environment compartments:	not determined
Behaviour in sewage plant:	not determined
Bacteria toxicity:	not determined
Biological degradability:	not determined
COD:	not determined
BOD 5:	not determined
AOX-advice:	not applicable
2006/11/EC:	yes
General information:	No classification on the basis of the calculation procedure of the preparation directive.



**13 Disposal considerations**

Product:	Dispose of as hazardous waste. Disposal in an incineration plant in accordance with the regulations of the local authorities.
Contaminated packaging:	Uncontaminated packaging may be taken for recycling. Packaging that cannot be cleaned should be disposed of as for product.
Waste no. (recommended):	070104*

14 Transport information

Classification according to ADR:	UN 1268 Petroleum distillates, n.o.s. 3 (N), III
- Classification Code:	F1
- Label:	 
- ADR LQ	LQ7 5I
- ADR 1.1.3.6 (8.6):	Transport category (tunnel restriction code): 3 (D/E)
Classification according to IMDG:	UN 1268 Petroleum distillates, n.o.s. (Turpentine, oil) 3 III MARINE POLLUTANT
- EMS	F-E, S-E
- Label:	 
- IMDG LQ:	LQ: 5 I
Classification according to IATA:	UN 1268 Petroleum distillates, n.o.s. 3 III
- Label:	

15 Regulatory information

Chemical safety report:	not applicable
Exposure scenario:	not applicable
Labelling:	The product is classified and labelled in accordance within EC-directives.
Hazard symbols:	 
Contains:	Harmful Rosin Turpentine oil
R-phrases:	R 10: Flammable. R 20/21/22: Harmful by inhalation, in contact with skin and if swallowed. R 36/38: Irritating to eyes and skin. R 43: May cause sensitisation by skin contact. R 51/53: Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
S-phrases:	S 36/37: Wear suitable protective clothing and gloves. S 51: Use only in well-ventilated areas. S 61: Avoid release to the environment. Refer to special instructions, safety data sheets.
Special labelling:	not applicable
Authorisation, TITEL VII:	not applicable
Restrictions, TITEL VIII:	not applicable
EEC-REGULATIONS:	1967/548 (2008/58, 30. ATP/ 31. ATP); 1991/689 (2001/118); 1999/13; 2004/42; 648/2004; 1907/2006 (Reach); 1272/2008; 75/324/EWG (2008/47/EG
TRANSPORT-REGULATIONS:	DOT-Classification, ADR (2009); IMDG-Code (34. Amdt.); IATA-DGR (2010).
NATIONAL REGULATIONS (GB)	EH40/2005 Workplace exposure limits with amendments October 2007. CHIP 3/ CHIP 4



16 Other informations

R-phrases (Chapter 03):

R 10: Flammable.

R 65: Harmful - may cause lung damage if swallowed.

R 51/53: Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

R 43: May cause sensitisation by skin contact.

R 36/38: Irritating to eyes and skin.

R 20/21/22: Harmful by inhalation, in contact with skin and if swallowed.

Modified position:

Chapter: 14 been added:

Observe employment restrictions for people:

yes

VOC (1999/13/CE):

410 g/l

Disclaimer: 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.

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