

352-91 50L Einstellzusatz normal 50L Steel drums

Version	Revision Date:	SDS Number:	Date of last issue: 16.12.2024
3.0	26.02.2025	00000000054774 693	Date of first issue: 22.05.2024

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

1.1 Product identifier Trade name	: 352-91 50L Einstellz	zusatz normal 50L Steel drums
Product code	: 000000000547746	593
1.2 Relevant identified uses of the	substance or mixture	and uses advised against
	: Spraying	
Substance/Mixture	Thinner	
1.3 Details of the supplier of the s	afatu data shaat	
Company:	arely data sheet	Contact address:
BASF Coatings GmbH		BASF plc
Postfach 6123		4th and 5th Floors, 2 Stockport Exchange
48136 Münster Deutschland		Railway Road, Stockport, SK1 3GG United Kingdom
Telephone: +44 161 475	3000	



352-91 50L Einstellzusatz normal 50L Steel drums

Version	Revision Date:	SDS Number:	Date of last issue: 16.12.2024
3.0	26.02.2025	00000000054774 693	Date of first issue: 22.05.2024

E-mail address: product-safety-uk-and-ireland@basf.com

1.4 Emergency telephone

International emergency number: Telephone: +49 180 2273-112

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification (REGULATION (EC) No 1272/2008) as amended by GB-CLP Regulation, UK SI 2019/720, and UK SI 2020/1567)

Flammable liquids, Category 3	H226: Flammable liquid and vapor.
Skin irritation, Category 2	H315: Causes skin irritation.
Eye irritation, Category 2	H319: Causes serious eye irritation.
Skin sensitization, Category 1	H317: May cause an allergic skin reaction.
Specific target organ toxicity - single exposure, Category 3, Respiratory	H335: May cause respiratory irritation.



352-91 50L Einstellzusatz normal 50L Steel drums

Version	Revision Date:	SDS Number:	Date of last issue: 16.12.2024
3.0	26.02.2025	00000000054774 693	Date of first issue: 22.05.2024

system

Specific target organ toxicity - single exposure, Category 3, Central nervous system	H336: May cause drowsiness or dizziness.
Specific target organ toxicity - repeated exposure, Category 2	H373: May cause damage to organs through prolonged or repeated exposure.
Aspiration hazard, Category 1	H304: May be fatal if swallowed and enters airways.
Long-term (chronic) aquatic hazard, Category 3	H412: Harmful to aquatic life with long lasting effects.

2.2 Label elements

Labeling (REGULATION (EC) No 1272/2008) as amended by GB-CLP Regulation, UK SI 2019/720, and UK SI 2020/1567)





Version	Revision Date:	SDS Number:	Date of last issue: 16.12.2024
3.0	26.02.2025	00000000054774 693	Date of first issue: 22.05.2024

Hazard Statements	:	H226	Flammable liquid and vapor.
		H304	May be fatal if swallowed and enters airways.
		H315	Causes skin irritation.
		H317	May cause an allergic skin reaction.
		H319	Causes serious eye irritation.
		H335	May cause respiratory irritation.
		H336	May cause drowsiness or dizziness.
		H373	May cause damage to organs through prolonged or repeated exposure.
		H412	Harmful to aquatic life with long lasting effects.
Precautionary	:	Prevention P210	: Keep away from heat, hot surfaces, sparks,
Statements			open flames and other ignition sources. No



352-91 50L Einstellzusatz normal 50L Steel drums

Version	Revision Date:	SDS Number:	Date of last issue: 16.12.2024
3.0	26.02.2025	00000000054774 693	Date of first issue: 22.05.2024

smoking.

P260	Do not breathe mist or vapors.		
P280 Wear protective gloves/ protective cloth eye protection/ face protection/ hearing protection.			
Response:			
P301 + P310 IF SWALLOWED: Immediately call a			
	POISON CENTER/ doctor.		
P331	Do NOT induce vomiting.		
P370 + P378 In case of fire: Use dry sand, dry chemica or alcohol-resistant foam to extinguish.			

Hazardous ingredients which must be listed on the label:

n-Butyl acetate

Hydrocarbons, C9, aromatics

xylene



352-91 50L Einstellzusatz normal 50L Steel drums

Version	Revision Date:	SDS Number:	Date of last issue: 16.12.2024
3.0	26.02.2025	00000000054774 693	Date of first issue: 22.05.2024

Hydrocarbons, by-products with terpene processing

2.3 Other hazards

This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

If applicable information is provided in this section on other hazards which do not result in classification but which may contribute to the overall hazards of the substance or mixture.

SECTION 3: Composition/information on ingredients

3.2 Mixtures

Chemical nature : organic solvent

Components

Chemical name	CAS-No.	Classification	Concentratio
	EC-No.		n (% w/w)
	Index-No.		
	Registration number		
	liumber		



Version	Revision Date:	SDS Number:	Date of last issue: 16.12.2024
3.0	26.02.2025	00000000054774 693	Date of first issue: 22.05.2024

n-Butyl acetate	123-86-4	Flam. Liq. 3; H226	>= 50 - < 75
	204-658-1	STOT SE 3; H336	
	607-025-00-1	(Central nervous	
	UK-20- 9702550300-0- 0000	system)	
	UK-20- 0537843089-5- 0000		
	UK-20- 9642318150-0- 0000		
Hydrocarbons, C9, aromatics	64742-95-6 265-199-0	Flam. Liq. 3; H226 STOT SE 3; H336	>= 12.5 - < 15
	UK-20- 0537843089-5- 0000	(Central nervous system) STOT SE 3; H335	



Version	Revision Date:	SDS Number:	Date of last issue: 16.12.2024
3.0	26.02.2025	00000000054774 693	Date of first issue: 22.05.2024

		(Respiratory system) Asp. Tox. 1; H304 Aquatic Chronic 2; H411	
xylene	1330-20-7 215-535-7 601-022-00-9 UK-20- 2749242067-7- 0000 UK-20- 9702550300-0- 0000 UK-20- 0537843089-5- 0000	Flam. Liq. 3; H226 Acute Tox. 4; H332 Acute Tox. 4; H312 Skin Irrit. 2; H315 Eye Irrit. 2; H319 STOT SE 3; H335 (Respiratory system) STOT RE 2; H373	>= 12.5 - < 15



Version	Revision Date:	SDS Number:	Date of last issue: 16.12.2024
3.0	26.02.2025	00000000054774 693	Date of first issue: 22.05.2024

	UK-20- 9642318150-0- 0000	(Kidney, Liver, Central nervous system) Asp. Tox. 1; H304 Aquatic Chronic 3; H412	
Naphtha (petroleum),hydrotreated light, Kp > 140oC	64742-52-5 265-155-0 649-465-00-7 01-2119471843-32	Flam. Liq. 3; H226 STOT SE 3; H336 (Central nervous system) Asp. Tox. 1; H304 Aquatic Chronic 3; H412	>= 7 - < 10
1-methoxy-2-propylacetate	108-65-6 203-603-9 607-195-00-7	Flam. Liq. 3; H226 STOT SE 3; H336 (Central nervous	>= 5 - < 7



Version	Revision Date:	SDS Number:	Date of last issue: 16.12.2024
3.0	26.02.2025	00000000054774 693	Date of first issue: 22.05.2024

	UK-20- 9702550300-0- 0000	system)	
	UK-20- 0537843089-5- 0000		
	UK-20- 9642318150-0- 0000		
2-butoxyethyl acetate	112-07-2 203-933-3 607-038-00-2 UK-20- 0537843089-5- 0000 UK-20- 9642318150-0- 0000	Acute Tox. 4; H302 Acute Tox. 4; H332 Acute Tox. 4; H312	>= 3 - < 5



Version	Revision Date:	SDS Number:	Date of last issue: 16.12.2024
3.0	26.02.2025	00000000054774 693	Date of first issue: 22.05.2024

ethylbenzene	100-41-4	Flam. Liq. 2; H225	>= 2 - < 2.5
	202-849-4	Acute Tox. 4;	
	601-023-00-4	H332	
	UK-20-	STOT RE 2; H373	
	9702550300-0-	(Auditory system)	
	0000	Asp. Tox. 1; H304	
	UK-20- 0537843089-5-	Aquatic	
	0000	Chronic 3; H412	
Hydrocarbons, by-products with	68956-56-9	Flam. Liq. 3; H226	>= 2 - < 2.5
terpene processing	273-309-3	Skin Irrit. 2; H315	
	01-2119980606-28	Eye Irrit. 2; H319	
		Skin Sens. 1;	
		H317	
		Asp. Tox. 1; H304	
		Aquatic	



352-91 50L Einstellzusatz normal 50L Steel drums

Version	Revision Date:	SDS Number:	Date of last issue: 16.12.2024
3.0	26.02.2025	00000000054774	
		693	Date of first issue: 22.05.2024

	Chronic 2; H411	
--	-----------------	--

For explanation of abbreviations see section 16.

SECTION 4: First aid measures

4.1 Description of first-aid measures

General advice	 First aid personnel should pay attention to their own safety. Immediately remove contaminated clothing. In case of intoxication, call a poison control center or physician for treatment advice, taking the packaging or the label of the product. Symptoms of poisoning may occur even after several hours, continue medical observation for at least 48 hours after the accident. Never give anything by mouth to an unconscious person. Keep patient warm and at rest.
If inhaled	: If breathed in, move person into fresh air. Call a physician or poison control center immediately.



352-91 50L Einstellzusatz normal 50L Steel drums

Version	Revision Date:	SDS Number:	Date of last issue: 16.12.2024
3.0	26.02.2025	00000000054774 693	Date of first issue: 22.05.2024

If breathing is irregular or stopped, administer artificial
respiration.

In case of skin contact	:	If symptoms persist, call a physician.
		Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes.
		Do NOT use solvents or thinners.
In case of eye contact	:	Immediately wash affected eyes for at least 15 minutes under running water with eyelids held open, consult an eye specialist.

Call a physician immediately.

If easy to do, remove contact lens, if worn.

If swallowed : Do not induce vomiting due to aspiration hazard.

Keep at rest.



352-91 50L Einstellzusatz normal 50L Steel drums

Version	Revision Date:	SDS Number:	Date of last issue: 16.12.2024
3.0	26.02.2025	00000000054774 693	Date of first issue: 22.05.2024

If symptoms persist, call a physician or Poison Control Center immediately.

Rinse mouth with water.

4.2 Most important symptoms and effects, both acute and delayed

Symptoms	:	Information, i.e. additional information on symptoms and effects may be included in the GHS labeling phrases available in Section 2 and in the Toxicological assessments available in Section 11.
Risks	:	May be fatal if swallowed and enters airways.
		Causes skin irritation.
		May cause an allergic skin reaction.
		Causes serious eye irritation.
		May cause respiratory irritation.
		May cause drowsiness or dizziness.



352-91 50L Einstellzusatz normal 50L Steel drums

Version	Revision Date:	SDS Number:	Date of last issue: 16.12.2024
3.0	26.02.2025	00000000054774 693	Date of first issue: 22.05.2024

May cause damage to organs through prolonged or repeated exposure.

When inhaled (e.g. during vomiting) risk of pulmonary oedema and/or pneumonia.

Risk of product entering the lungs on vomiting after ingestion.

4.3 Indication of any immediate medical attention and special treatment needed

Treatment : No known specific antidote. Treat symptomatically.

SECTION 5: Firefighting measures

5.1 Extinguishing media		
Suitable extinguishing	:	Water spray jet
media		Dry powder
		Alcohol-resistant foam



352-91 50L Einstellzusatz normal 50L Steel drums

Version	Revision Date:	SDS Number:	Date of last issue: 16.12.2024
3.0	26.02.2025	00000000054774 693	Date of first issue: 22.05.2024

Carbon dioxide (CO2)

Unsuitable extinguishing : High volume water jet media

5.2 Special hazards arising from the substance or mixture

Specific hazards during fire :	Fire will produce dense black smoke containing
fighting	hazardous combustion products (see section 10).

5.3 Advice for firefighters

Special protective	:	Appropriate breathing apparatus may be required.
equipment for fire-fighters		

Further information	:	In the event of fire, cool tanks with water spray.
		Fire residues and contaminated fire extinguishing water
		must be disposed of in accordance with local



352-91 50L Einstellzusatz normal 50L Steel drums

Version	Revision Date:	SDS Number:	Date of last issue: 16.12.2024
3.0	26.02.2025	00000000054774 693	Date of first issue: 22.05.2024

regulations.

Collect contaminated fire extinguishing water separately. This must not be discharged into drains.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Personal precautions		Avoid breathing vapours.
		Keep away from sources of ignition.
		Advice on product handling can be found in sections 7 and 8 of this safety data sheet.
		For non-emergency personnel:
		For emergency responders:
		Use personal protective equipment.
		Ensure adequate ventilation, especially in confined areas.



352-91 50L Einstellzusatz normal 50L Steel drums

Version	Revision Date:	SDS Number:	Date of last issue: 16.12.2024
3.0	26.02.2025	00000000054774 693	Date of first issue: 22.05.2024

6.2 Environmental precautions

Environmental precautions :	Do not allow uncontrolled discharge of product into the environment.
	Avoid subsoil penetration.
	If the product contaminates rivers and lakes or drains inform respective authorities.

6.3 Methods and material for containment and cleaning up

Methods for cleaning up	:	Ensure adequate ventilation.
		Contain spillage, soak up with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and transfer to a container for disposal according to local / national regulations (see section 13).



352-91 50L Einstellzusatz normal 50L Steel drums

Version	Revision Date:	SDS Number:	Date of last issue: 16.12.2024
3.0	26.02.2025	00000000054774 693	Date of first issue: 22.05.2024

6.4 Reference to other sections

For disposal considerations see section 13.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Advice on safe handling :	Provide good ventilation of working area (local exhaust ventilation if necessary).
	Do not return residues to the storage containers.
	Smoking, eating and drinking are forbidden in application area. For personal protection see section 8. Comply with the health and safety at work laws.
	When operators, whether spraying or not, have to work inside the spray booth, ventilation is unlikely to be sufficient to control particulates and solvent vapour in all cases. In such circumstances they should wear a compressed air-fed respirator during the spraying process and until such time as the particulates and solvent vapour concentration has fallen below the exposure limits.

The workplace should be equipped with an emergency



Version	Revision Date:	SDS Number:	Date of last issue: 16.12.2024
3.0	26.02.2025	00000000054774 693	Date of first issue: 22.05.2024

		shower and eye-rinsing facility.
		Avoid contact with the skin, eyes and clothing.
		Handle in accordance with good industrial hygiene and safety practice.
		Do not breathe vapors or spray mist.
Advice on protection against fire and explosion	:	Avoid all sources of ignition: heat, sparks, open flame. Product may charge electrostatically: always use earthing leads when transferring from one container to another and earth containers. It is recommended that operators should wear antistatic clothing and footwear. The relevant fire protection measures should be noted. Use explosion-proof equipment. Vapors are heavier than air and may spread along floors. Vapors may form explosive mixtures with air.
Hygiene measures	:	Remove contaminated clothing immediately and dispose of safely. Wash hands before breaks and at the end of workday. Keep away from food, drink and animal



352-91 50L Einstellzusatz normal 50L Steel drums

Version	Revision Date:	SDS Number:	Date of last issue: 16.12.2024
3.0	26.02.2025	00000000054774 693	Date of first issue: 22.05.2024

feedingstuffs.

7.2 Conditions for safe storage, including any incompatibilities

Further information on : storage conditions	Keep away from heat. Avoid direct sunlight. Close containers carefully once opened and store them upright in order to prevent any leakage. No smoking. No admission for unauthorised personnel. Always keep in containers of same material as the original one. Observe label precautions. Store protected against freezing. Keep in a dry, cool and well-ventilated place.
Advice on common storage :	Keep away from oxidizing agents, strongly alkaline and strongly acid materials in order to avoid exothermic reactions.
Recommended storage : temperature	5.00 - 35.00 °C



352-91 50L Einstellzusatz normal 50L Steel drums

Version	Revision Date:	SDS Number:	Date of last issue: 16.12.2024
3.0	26.02.2025	00000000054774 693	Date of first issue: 22.05.2024

Packaging material	: Suitable material: Carbon steel (Iron), tinr steel (Tinplate)	ed carbon
7.3 Specific end use(s)		
Specific use(s)	: Please refer to the technical leaflet for fur	ther
	information.	

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Occupational Exposure Limits

Components	CAS-No.	Value type (Form of exposure)	Control parameters	Basis
n-Butyl acetate	123-86-4	TWA	150 ppm 724 mg/m3	GB EH40
		STEL	200 ppm 966 mg/m3	GB EH40



Version	Revision Date:	SDS Number:	Date of last issue: 16.12.2024
3.0	26.02.2025	00000000054774 693	Date of first issue: 22.05.2024

		STEL	150 ppm 723 mg/m3	2019/1831/ EU		
	Further infor	mation: Indicative				
		TWA	50 ppm	2019/1831/		
			241 mg/m3	EU		
	Further infor	mation: Indicative				
xylene	1330-20-7	TWA	50 ppm	GB EH40		
			220 mg/m3			
	substances a	Further information: Can be absorbed through the skin. The assigned substances are those for which there are concerns that dermal absorption will lead to systemic toxicity.				
		STEL	100 ppm 441 mg/m3	GB EH40		
		Further information: Can be absorbed through the skin. The assigned substances are those for which there are concerns that dermal				



Version	Revision Date:	SDS Number:	Date of last issue: 16.12.2024
3.0	26.02.2025	00000000054774 693	Date of first issue: 22.05.2024

	absorption will lead to systemic toxicity.					
		TWA	50 ppm	2000/39/EC		
			221 mg/m3			
	Further infor	mation: Identifies	the possibility of significar	nt uptake		
	through the	skin, Indicative				
		STEL	100 ppm	2000/39/EC		
			442 mg/m3			
	Further infor	mation: Identifies	the possibility of significar	nt uptake		
	through the	skin, Indicative				
1-methoxy-2-	108-65-6	TWA	50 ppm	GB EH40		
propylacetate			274 mg/m3			
	Further infor	rmation: Can be ab	sorbed through the skin.	The assigned		
	substances are those for which there are concerns that dermal					
	absorption v	absorption will lead to systemic toxicity.				
		STEL	100 ppm	GB EH40		



Version	Revision Date:	SDS Number:	Date of last issue: 16.12.2024
3.0	26.02.2025	00000000054774 693	Date of first issue: 22.05.2024

			548 mg/m3				
	Further info	Further information: Can be absorbed through the skin. The assigned					
	substances a	ire those for which	there are concerns that d	ermal			
	absorption v	vill lead to systemic	c toxicity.				
		STEL	100 ppm	2000/39/EC			
			550 mg/m3				
	Further info	mation: Identifies	the possibility of significar	nt uptake			
	through the	skin, Indicative					
		TWA 50 ppm 2000/39/EC					
			275 mg/m3				
	Further info	mation: Identifies	the possibility of significar	nt uptake			
	through the	skin, Indicative					
2-butoxyethyl	112-07-2	TWA	20 ppm	GB EH40			
acetate			133 mg/m3				
	Further info	mation: Can be ab	sorbed through the skin. T	he assigned			
	substances a	ire those for which	there are concerns that d	ermal			



Version	Revision Date:	SDS Number:	Date of last issue: 16.12.2024
3.0	26.02.2025	00000000054774 693	Date of first issue: 22.05.2024

	absorption will lead to systemic toxicity.				
		STEL	50 ppm	GB EH40	
			332 mg/m3		
	Further info	rmation: Can be ab	sorbed through the skin. T	he assigned	
	substances a	are those for which	there are concerns that d	ermal	
	absorption v	vill lead to systemi	c toxicity.		
		STEL	50 ppm	2000/39/EC	
			333 mg/m3		
	Further infor	mation: Identifies	the possibility of significar	nt uptake	
	through the	skin, Indicative			
		TWA	20 ppm	2000/39/EC	
			133 mg/m3		
	Further information: Identifies the possibility of significant uptake				
	through the skin, Indicative				
ethylbenzene	100-41-4	TWA	100 ppm	GB EH40	



Version	Revision Date:	SDS Number:	Date of last issue: 16.12.2024
3.0	26.02.2025	00000000054774 693	Date of first issue: 22.05.2024

			441 mg/m3			
F	Further information: Can be absorbed through the skin. The assigned					
s	substances a	re those for which	there are concerns that de	ermal		
ā	absorption w	vill lead to systemic	c toxicity.			
		STEL	125 ppm	GB EH40		
			552 mg/m3			
F	urther infor	mation: Can be ab	sorbed through the skin. T	he assigned		
s	substances a	re those for which	there are concerns that d	ermal		
ā	absorption w	vill lead to systemic	c toxicity.			
		TWA	100 ppm	2000/39/EC		
			442 mg/m3			
F	urther infor	mation: Identifies	the possibility of significar	nt uptake		
t	through the skin, Indicative					
		STEL	200 ppm	2000/39/EC		
			884 mg/m3			
F	urther infor	mation: Identifies	the possibility of significar	nt uptake		



352-91 50L Einstellzusatz normal 50L Steel drums

Version	Revision Date:	SDS Number:	Date of last issue: 16.12.2024
3.0	26.02.2025	00000000054774 693	Date of first issue: 22.05.2024

	through the skin, Indicative
--	------------------------------

Biological occupational exposure limits

Substance name	CAS-No.	Control	Sampling time	Basis
		parameters		
xylene	1330-20-7	methyl hippuric	After shift	GB EH40
		acid: 650		BAT
		Millimoles per		
		mole creatinine		
		(Urine)		

8.2 Exposure controls

Engineering measures

Ensure adequate ventilation.

Personal protective equipment

Eye/face protection	:	Tightly fitting safety goggles (splash goggles) (e.g. EN
		166)

Required when there is a risk of eye contact.

Hand protection



352-91 50L Einstellzusatz normal 50L Steel drums

Version	Revision Date:	SDS Number:	Date of last issue: 16.12.2024
3.0	26.02.2025	00000000054774 693	Date of first issue: 22.05.2024

Remarks

: Wear protective gloves. Any chemical protection glove certified according to EN ISO 374-1 is suitable: e.g. nitrile gloves - material thickness: 0,35 mm Further information on penetration time is available from the manufacturer of the glove. Data are based on information from the glove manufacturer, the raw material manufacturer or according to specifics of the product components. The suitability for a specific workplace should be discussed with the producers of the protective gloves. Request information on glove permeation properties from the glove supplier. Gloves should be discarded and replaced if there is any indication of degradation or chemical breakthrough. Preventive skin protection Suitable materials for shortterm contact (recommended: At least protective index 2, corresponding > 30 minutes of permeation time according to EN ISO 374-1) Suitable materials also with prolonged, direct contact (Recommended: Protective index 6, corresponding > 480 minutes of permeation time according to EN ISO 374-1): Suitable materials against splashes (recommended: At least protective



Version	Revision Date:	SDS Number:	Date of last issue: 16.12.2024
3.0	26.02.2025	00000000054774 693	Date of first issue: 22.05.2024

		index 1, corresponding > 10 minutes of permeation time according to EN ISO 374-1)
Skin and body protection	:	chemical-resistant disposable coveralls
		Personnel should wear antistatic, flame-retardant clothing made of natural fibres and/or heat-resistant synthetic fibres.
Respiratory protection	:	Suitable respiratory equipment:
		half-mask with A1P2 class combination filter
		When workers are facing concentrations above the exposure limit they must use appropriate certified respirators.
		In case of mist, spray or aerosol exposure wear suitable personal respiratory protection and protective suit.
Protective measures	:	Do not breathe vapour/spray.
		Eye wash fountains and safety showers must be easily accessible.
		If these are not sufficient to maintain concentrations at



352-91 50L Einstellzusatz normal 50L Steel drums

Version	Revision Date:	SDS Number:	Date of last issue: 16.12.2024
3.0	26.02.2025	00000000054774 693	Date of first issue: 22.05.2024

the workplace below the occupational exposure limits, appropriate certified respirators must be worn.

Avoid contact with the skin, eyes and clothing.

Handle in accordance with good industrial hygiene and safety practice.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance	:	liquid
Color	:	colorless
Odor	:	hydrocarbon-like
рН	:	substance/mixture is non-polar/aprotic
Melting point/ range	:	not determined
Boiling point/boiling range	:	126.00 - 190.00 °C



Version	Revision Date:	SDS Number:	Date of last issue: 16.12.2024
3.0	26.02.2025	00000000054774 693	Date of first issue: 22.05.2024

Flash point	:	27 °C
		Method: ISO 3679
Evaporation rate	:	No data available
Lower explosion limit /	:	> 35.0 g/m3
Lower flammability limit		
Vapor pressure		5.0000 hPa (20 °C)
vapor pressure	•	5.0000 fira (20°C)
		(50 °C)
		(30 C)
		not determined
Relative vapor density	:	Heavier than air.
		22/52
		32 / 58



Version	Revision Date:	SDS Number:	Date of last issue: 16.12.2024
3.0	26.02.2025	00000000054774 693	Date of first issue: 22.05.2024

Density	:	0.867 g/cm3 (20 °C)
Solubility(ies) Water solubility	:	not determined
Partition coefficient: n- octanol/water	:	not applicable for mixtures
Autoignition temperature	:	> 200 °C
Decomposition temperature	:	No decomposition if stored and handled as prescribed/indicated.
Viscosity Viscosity, kinematic	:	6.0 mm2/s (23 °C)
		(40 °C)



352-91 50L Einstellzusatz normal 50L Steel drums

Version	Revision Date:	SDS Number:	Date of last issue: 16.12.2024
3.0	26.02.2025	00000000054774 693	Date of first issue: 22.05.2024

not determined

Flow time	: < 30 s at 23 °C Cross section: 3 mm Method: ISO 2431
Explosive properties	: Not explosive
Oxidizing properties	: The substance or mixture is not classified as oxidizing.
9.2 Other information Flammability (liquids)	: Flammable liquid and vapour.
Self-heating substances	: The substance or mixture is not classified as self heating.



352-91 50L Einstellzusatz normal 50L Steel drums

Version	Revision Date:	SDS Number:	Date of last issue: 16.12.2024
3.0	26.02.2025	00000000054774 693	Date of first issue: 22.05.2024

Metal corrosion rate	: Not corrosive to metals.	
Particle size	: The substance / product is marketed or used in a r solid or granular form.	าดท

SECTION 10: Stability and reactivity

10.1 Reactivity

No dangerous reaction known under conditions of normal use.

10.2 Chemical stability

No decomposition if stored and applied as directed.

10.3 Possibility of hazardous reactions

Hazardous reactions : Vapours may form ignitable mixture with air.

10.4 Conditions to avoid

Conditions to avoid : Avoid direct sunlight.

Protect from frost.



352-91 50L Einstellzusatz normal 50L Steel drums

Version	Revision Date:	SDS Number:	Date of last issue: 16.12.2024
3.0	26.02.2025	00000000054774 693	Date of first issue: 22.05.2024

Heat, flames and sparks.

Heat.

10.5 Incompatible materials

Materials to avoid: Keep away from oxidizing agents, strongly alkaline and
strongly acid materials in order to avoid exothermic
reactions.

10.6 Hazardous decomposition products

No decomposition if stored and applied as directed.

SECTION 11: Toxicological information

11.1 Information on toxicological effects

 Acute toxicity

 Not classified due to lack of data.

 Product:

 Acute oral toxicity
 : Acute toxicity estimate: > 2,000 mg/kg

 Method: Calculation method



Version	Revision Date:	SDS Number:	Date of last issue: 16.12.2024
3.0	26.02.2025	00000000054774 693	Date of first issue: 22.05.2024

Acute inhalation toxicity	:	Acute toxicity estimate: > 20 mg/l Exposure time: 4 h
		Test atmosphere: vapor
		Method: Calculation method
Acute dermal toxicity	:	Acute toxicity estimate: > 2,000 mg/kg
		Method: Calculation method
Components:		
2-butoxyethyl acetate:		
Acute oral toxicity	:	LD50 (Rat): 1,880 mg/kg
Acute dermal toxicity	:	LD50 (Rabbit): 1,500 mg/kg
I		



Version	Revision Date:	SDS Number:	Date of last issue: 16.12.2024
3.0	26.02.2025	00000000054774 693	Date of first issue: 22.05.2024

Skin corrosion/irritatio Causes skin irritation. <u>Components:</u> n-Butyl acetate: Result	n : Repeated exposure may cause skin dryness or cracking.
Serious eye damage/ey Causes serious eye irrita	ation.
Respiratory or skin ser Skin sensitization May cause an allergic sk	
Respiratory sensitization Not classified due to lack	
Germ cell mutagenicity Not classified due to lack	
Carcinogenicity Not classified due to lack	c of data.
Reproductive toxicity Not classified due to lack	c of data.
STOT-single exposure May cause respiratory in May cause drowsiness o	



352-91 50L Einstellzusatz normal 50L Steel drums

Version	Revision Date:	SDS Number:	Date of last issue: 16.12.2024
3.0	26.02.2025	00000000054774 693	Date of first issue: 22.05.2024

STOT-repeated exposure

May cause damage to organs through prolonged or repeated exposure.

Aspiration toxicity

May be fatal if swallowed and enters airways.

SECTION 12: Ecological information

12.1 Toxicity

No data available

12.2 Persistence and degradability

No data available

12.3 Bioaccumulative potential

Components:

n-Butyl acetate:

	Partition coefficient: n-	:	Pow: 200 (25 °C)
	octanol/water		log Pow: 2.3 (25 °C)
			рН: 7
			Method: OECD Test Guideline 117
			GLP: yes
	1		



Version	Revision Date:	SDS Number:	Date of last issue: 16.12.2024
3.0	26.02.2025	00000000054774 693	Date of first issue: 22.05.2024

Hydrocarbons, C9, aromatics: Partition coefficient: n- : octanol/water	log Pow: 3.17 GLP: no
xylene:	
Partition coefficient: n- :	log Pow: 3.12 - 3.20 (25 °C)
octanol/water	GLP: no
	Remarks: Information taken from reference works and the literature.
1-methoxy-2-propylacetate:	
Partition coefficient: n- :	log Pow: 1.2 (20 °C)
octanol/water	рН: 6.8
	Method: OECD Test Guideline 117
	GLP: yes



352-91 50L Einstellzusatz normal 50L Steel drums

I

Version	Revision Date:	SDS Number:	Date of last issue: 16.12.2024
3.0	26.02.2025	00000000054774 693	Date of first issue: 22.05.2024

2-butoxyethyl acetate: Partition coefficient: n- octanol/water	:	log Pow: 1.51 (25 °C) pH: 7 Method: OECD Test Guideline 107 GLP: no
ethylbenzene: Partition coefficient: n- octanol/water	:	Pow: 4,170 (20 °C) log Pow: 3.6 (20 °C) pH: 7.8 GLP: yes
Hydrocarbons, by-products w Partition coefficient: n-		



Version	Revision Date:	SDS Number:	Date of last issue: 16.12.2024
3.0	26.02.2025	00000000054774 693	Date of first issue: 22.05.2024

octanol/water	log Pow: 4.5 (25 °C) Method: OECD Test Guideline 107
I 12.4 Mobility in soil No data available 12.5 Results of PBT and vPvB asse	accmont
Product:	
Assessment :	This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.
12.6 Other adverse effects	
Product:	
Endocrine disrupting : potential	This substance/mixture does not contain components considered to have endocrine disrupting properties for environment according to UK REACH Article 57(f).



352-91 50L Einstellzusatz normal 50L Steel drums

Version	Revision Date:	SDS Number:	Date of last issue: 16.12.2024
3.0	26.02.2025	00000000054774 693	Date of first issue: 22.05.2024

SECTION 13: Disposal considerations

13.1 Waste treatment methods		
Product	:	Do not discharge into drains/surface waters/groundwater.
		Observe national and local legal requirements.
Contaminated packaging	:	Containers which are not properly emptied must be disposed pursuant to Directive 2008/98/EC
		Packaging that is not properly emptied must be disposed of as the unused product.

SECTION 14: Transport information

14.1 UN number

ADN : UN 1263



352-91 50L Einstellzusatz normal 50L Steel drums

Version	Revision Date:	SDS Number:	Date of last issue: 16.12.2024
3.0	26.02.2025	00000000054774 693	Date of first issue: 22.05.2024

ADR	: UN 1263
RID	: UN 1263
IMDG	: UN 1263
ΙΑΤΑ	: UN 1263
14.2 UN proper shipping name	
ADN	: PAINT RELATED MATERIAL
ADR	: PAINT RELATED MATERIAL

IMDG :	PAINT RELATED MATERIAL
--------	------------------------

IATA : PAINT RELATED MATERIAL

14.3 Transport hazard class(es)

Class Subsidiary risks



352-91 50L Einstellzusatz normal 50L Steel drums

Version	Revision Date:	SDS Number:	Date of last issue: 16.12.2024
3.0	26.02.2025	00000000054774 693	Date of first issue: 22.05.2024

ADN	:	3
ADR	:	3
RID	:	3
IMDG	:	3
ΙΑΤΑ	:	3

14.4 Packing group

ADN

Packing group	:	III
Classification Code	:	F1
Hazard Identification Number	:	30
Labels	:	3

ADR



Version	Revision Date:	SDS Number:	Date of last issue: 16.12.2024
3.0	26.02.2025	00000000054774 693	Date of first issue: 22.05.2024

Packing group	:	III
Classification Code	:	F1
Hazard Identification Number	:	30
Labels	:	3
Tunnel restriction code	:	(D/E)
RID		
Packing group	:	Ш
Classification Code	:	F1
Hazard Identification Number	:	30
Labels	:	3
IMDG		
Packing group	:	III
Labels	:	3



352-91 50L Einstellzusatz normal 50L Steel drums

Version	Revision Date:	SDS Number:	Date of last issue: 16.12.2024
3.0	26.02.2025	00000000054774 693	Date of first issue: 22.05.2024

EmS Code	:	F-E, <u>S-E</u>
IATA (Cargo)		
Packing instruction (cargo aircraft)	:	366
Packing instruction (LQ)	:	Y344
Packing group	:	Ш
Labels	:	Flammable Liquids
IATA (Passenger)		
Packing instruction (passenger aircraft)	:	355
Packing instruction (LQ)	:	Y344
Packing group	:	III
Labels	:	Flammable liquid

14.5 Environmental hazards



352-91 50L Einstellzusatz normal 50L Steel drums

Version	Revision Date:	SDS Number:	Date of last issue: 16.12.2024
3.0	26.02.2025	00000000054774 693	Date of first issue: 22.05.2024

ADN

Environmentally hazardous	:	no
ADR		
Environmentally hazardous	:	no
RID		
Environmentally hazardous	:	no
IMDG		
Marine pollutant	:	no

14.6 Special precautions for user

The transport classification(s) provided herein are for informational purposes only, and solely based upon the properties of the unpackaged material as it is described within this Safety Data Sheet. Transportation classifications may vary by mode of transportation, package sizes, and variations in regional or country regulations.



352-91 50L Einstellzusatz normal 50L Steel drums

Version	Revision Date:	SDS Number:	Date of last issue: 16.12.2024
3.0	26.02.2025	00000000054774 693	Date of first issue: 22.05.2024

14.7 Transport in bulk according to Annex II of Marpol and the IBC Code Not applicable for product as supplied.

SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture Relevant EU provisions transposed through retained EU law

UK REACH List of restrictions (Annex 17)

: Conditions of restriction for the following entries should be considered:

Number on list 72, 3

Number on list 3



Version	Revision Date:	SDS Number:	Date of last issue: 16.12.2024
3.0	26.02.2025	00000000054774 693	Date of first issue: 22.05.2024

UK REACH Candidate list of substances of concern (SVHC) for Authorisation	very hig	h : Not applicable
The Persistent Organic Pollutants Regulat (retained Regulation (EU) 2019/1021 as a for Great Britain)		: Not applicable
Regulation (EC) on substances that deplet ozone layer	te the	: Not applicable
UK REACH List of substances subject to authorisation (Annex XIV)		: Not applicable
	P5c	
Control of Major Accident Hazards Regulations 2015 (COMAH)	P5c	FLAMMABLE LIQUIDS
	34	Petroleum products: (a) gasolines and naphthas, (b) kerosenes (including jet fuels), (c) gas oils (including diesel fuels, home heating oils and
5	0 / 58	



352-91 50L Einstellzusatz normal 50L Steel drums

Version	Revision Date:	SDS Number:	Date of last issue: 16.12.2024
3.0	26.02.2025	00000000054774 693	Date of first issue: 22.05.2024

gas oil blending streams),(d) heavy fuel oils (e) alternative fuels serving the same purposes and with similar properties as regards flammability and environmental hazards as the products referred to in points (a) to (d)

Volatile organic compounds	: Volatile organic compounds (VOC) content: 870 g/l
	Directive 2010/75/EU of 24 November 2010 on industrial emissions (integrated pollution prevention and control)
	Volatile organic compounds (VOC) content: 99.98 %

Other regulations:



352-91 50L Einstellzusatz normal 50L Steel drums

Version	Revision Date:	SDS Number:	Date of last issue: 16.12.2024
3.0	26.02.2025	00000000054774 693	Date of first issue: 22.05.2024

Take note of The Management of Health and Safety at Work Regulations 1999 (requirements relating to new and expectant mothers at work contained in Regulation 16 to 18) and of the Pregnant Workers Directive 92/85/EEC.

Take note of The Management of Health and Safety at Work Regulations 1999 (requirements relating to protection of young people at work contained in Regulation 19) and of Directive 94/33/EC on the protection of young people at work.

Details relating to the VOC Directive 2004/42/EC:	
Subcategory as indicated in Annex IIB:	dropped
Limit value for maximum VOC content as specified in Annex IIB:	dropped

15.2 Chemical Safety Assessment

Assessment of safe use has been performed for the mixture and the result is documented in section 7 and 8 of the SDS

SECTION 16: Other information

Full text of H-Statements		
H225	:	Highly flammable liquid and vapor.
H226	:	Flammable liquid and vapor.
H302	:	Harmful if swallowed.



Version	Revision Date:	SDS Number:	Date of last issue: 16.12.2024
3.0	26.02.2025	00000000054774 693	Date of first issue: 22.05.2024

H304	:	May be fatal if swallowed and enters airways.	
H312	:	Harmful in contact with skin.	
H315	:	Causes skin irritation.	
H317	:	May cause an allergic skin reaction.	
H319	:	Causes serious eye irritation.	
H332	:	Harmful if inhaled.	
H335	:	May cause respiratory irritation.	
H336	:	May cause drowsiness or dizziness.	
H373	:	May cause damage to organs through prolonged or repeated exposure.	
H411	:	Toxic to aquatic life with long lasting effects.	
H412	:	Harmful to aquatic life with long lasting effects.	
Full text of other abbreviations			
Acute Tox.	:	Acute toxicity	
Aquatic Chronic	:	Long-term (chronic) aquatic hazard	



Version	Revision Date:	SDS Number:	Date of last issue: 16.12.2024
3.0	26.02.2025	00000000054774 693	Date of first issue: 22.05.2024

Asp. Tox.	:	Aspiration hazard
Eye Irrit.	:	Eye irritation
Flam. Liq.	:	Flammable liquids
Skin Irrit.	:	Skin irritation
Skin Sens.	:	Skin sensitization
STOT RE	:	Specific target organ toxicity - repeated exposure
STOT SE	:	Specific target organ toxicity - single exposure
2000/39/EC	:	Europe. Commission Directive 2000/39/EC establishing a first list of indicative occupational exposure limit values
2019/1831/EU	:	Europe. Commission Directive 2019/1831/EU establishing a fifth list of indicative occupational exposure limit values
GB EH40	:	UK. EH40 WEL - Workplace Exposure Limits
GB EH40 BAT	:	UK. Biological monitoring guidance values
2000/39/EC / TWA	:	Limit Value - eight hours



352-91 50L Einstellzusatz normal 50L Steel drums

Version	Revision Date:	SDS Number:	Date of last issue: 16.12.2024
3.0	26.02.2025	00000000054774 693	Date of first issue: 22.05.2024

2000/39/EC / STEL	:	Short term exposure limit
2019/1831/EU / TWA	:	Limit Value - eight hours
2019/1831/EU / STEL	:	Short term exposure limit
GB EH40 / TWA	:	Long-term exposure limit (8-hour TWA reference period)
GB EH40 / STEL	:	Short-term exposure limit (15-minute reference period)

ADN - European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways; ADR - Agreement concerning the International Carriage of Dangerous Goods by Road; AIIC - Australian Inventory of Industrial Chemicals; ASTM - American Society for the Testing of Materials; bw - Body weight; CLP - Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008; CMR - Carcinogen, Mutagen or Reproductive Toxicant; DIN - Standard of the German Institute for Standardisation; DSL - Domestic Substances List (Canada); ECHA - European Chemicals Agency; EC-Number - European Community number; ECx - Concentration associated with x% response; ELx - Loading rate associated with x% response; EmS - Emergency Schedule; ENCS - Existing and New Chemical Substances (Japan); ErCx - Concentration associated with x% growth rate response; GHS - Globally Harmonized System; GLP - Good Laboratory Practice; IARC -International Agency for Research on Cancer; IATA - International Air Transport Association; IBC -International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk; IC50 - Half maximal inhibitory concentration; ICAO - International Civil Aviation Organization; IECSC - Inventory of Existing Chemical Substances in China; IMDG - International Maritime Dangerous Goods: IMO - International Maritime Organization; ISHL - Industrial Safety and Health Law (Japan); ISO - International Organisation for Standardization; KECI - Korea Existing Chemicals Inventory; LC50 - Lethal Concentration to 50 % of a test population; LD50 - Lethal Dose to 50% of a test population (Median Lethal Dose); MARPOL - International Convention for the Prevention of Pollution from Ships; n.o.s. - Not Otherwise Specified; NO(A)EC - No Observed (Adverse) Effect Concentration; NO(A)EL - No Observed (Adverse) Effect Level; NOELR - No Observable Effect



352-91 50L Einstellzusatz normal 50L Steel drums

Version	Revision Date:	SDS Number:	Date of last issue: 16.12.2024
3.0	26.02.2025	00000000054774 693	Date of first issue: 22.05.2024

Loading Rate; NZIoC - New Zealand Inventory of Chemicals; OECD - Organization for Economic Cooperation and Development; OPPTS - Office of Chemical Safety and Pollution Prevention; PBT -Persistent, Bioaccumulative and Toxic substance; PICCS - Philippines Inventory of Chemicals and Chemical Substances; (Q)SAR - (Quantitative) Structure Activity Relationship; REACH - Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals; RID - Regulations concerning the International Carriage of Dangerous Goods by Rail; SADT - Self-Accelerating Decomposition Temperature; SDS - Safety Data Sheet; SVHC - substance of very high concern; TCSI - Taiwan Chemical Substance Inventory; TECI - Thailand Existing Chemicals Inventory; TSCA - Toxic Substances Control Act (United States); UN - United Nations; UNRTDG - United Nations Recommendations on the Transport of Dangerous Goods; vPvB - Very Persistent and Very Bioaccumulative

Further information		
Other information	: For multi-pack system sheets of all compone Restricted to professi	
Classification of the mixtu	Classification procedure:	
Flam. Liq. 3	H226	Based on product data or assessment
Skin Irrit. 2	H315	Calculation method



352-91 50L Einstellzusatz normal 50L Steel drums

Version	Revision Date:	SDS Number:	Date of last issue: 16.12.2024
3.0	26.02.2025	00000000054774 693	Date of first issue: 22.05.2024

Eye Irrit. 2	H319	Calculation method
Skin Sens. 1	H317	Calculation method
STOT SE 3	H335	Calculation method
STOT SE 3	H336	Calculation method
STOT RE 2	H373	Calculation method
Asp. Tox. 1	H304	Calculation method
Aquatic Chronic 3	H412	Calculation method

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The 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 process, unless specified in the text.



352-91 50L Einstellzusatz normal 50L Steel drums

Version	Revision Date:	SDS Number:	Date of last issue: 16.12.2024
3.0	26.02.2025	00000000054774 693	Date of first issue: 22.05.2024

GB / EN