ilati

	according	to UK REACH Regulation
		MIBI
Revision date: 20.06.2022	Р	roduct code: 7200 Page 1 of 6
SECTION 1: Identificatio	n of the substance/mixture	and of the company/undertaking
1.1. Product identifier		
MIBI		
Further trade names Propane, 1-isocyano-	-2-methoxy-2-methyl-	
Synonyms: 2-Methoxyisobutyl iso CAS No:	onitrile; 2-Methoxyisobutyl isocya 109434-22-2	anide
1.2. Relevant identified use	es of the substance or mixture	and uses advised against
Use of the substance/m Ligand for labelling w		
1.3. Details of the supplier		
Company name:		chemical compounds
Street:	Heinrich-Gläser-Str	rschungsreagenzien GmbH aße 10-14
Place:	01454 Radeberg	
Telephone:	+49 3528 4041 60	Telefax: +49 3528 4041 65
e-mail:	info@abx.de	
Contact person:	Dr. Christoph Meye	r Telephone: +49 3528 4041 8732
e-mail:	meyer@abx.de	
Internet:	http://www.abx.de	
1.4. Emergency telephone	+49 3528 4041 60	
<u>number:</u>		
SECTION 2: Hazards ide	ntification	
2.1. Classification of the su	<u>ibstance or mixture</u>	
GB CLP Regulation		
Flam. Liq. 3; H226		
Acute Tox. 3; H331		
Acute Tox. 3; H311		
Acute Tox. 3; H301		
Full text of hazard sta	atements: see SECTION 16.	
2.2. Label elements		
GB CLP Regulation		
Hazard components for MIBI	labelling	
Signal word:	Danger	
Pictograms:		

Pictograms:



Hazard statements

H226 H301+H311+H331 Flammable liquid and vapour. Toxic if swallowed, in contact with skin or if inhaled.

according to UK REACH Regulation

MIBI

Revision date: 20.06.2022	Product code: 7200	Page 2 of 6

Precautionary statements

P202	Do not handle until all safety precautions have been read and understood.
P280	Wear protective gloves/protective clothing/eye protection/face protection/hearing
	protection.
P262	Do not get in eyes, on skin, or on clothing.
P261	Avoid breathing dust/fume/gas/mist/vapours/spray.
P270	Do not eat, drink or smoke when using this product.
P403+P235	Store in a well-ventilated place. Keep cool.
P233	Keep container tightly closed.
P273	Avoid release to the environment.

2.3. Other hazards

Warning - substance not yet tested completely.

SECTION 3: Composition/information on ingredients

3.1. Substances

Chemical ch	aracterization
Dronana	1 isogyana 2 motho

Propane, 1-isocyano-2-meth	oxy-2-methyl-
Sum formula:	C6H11NO
Molecular weight:	113.16

Hazardous components

CAS No	Chemical name			Quantity
	EC No	Index No	REACH No	
	Classification (GB CLP Regulation)			
109434-22-2	MIBI			95 - < 100 %
	Flam. Liq. 3, Acute Tox. 3, Acute To	ox. 3, Acute Tox. 3; H226 H331 H31	1 H301	

Full text of H and EUH statements: see section 16.

Specific Conc. Limits, M-factors and ATE

CAS No	EC No	Chemical name	Quantity
	Specific Conc. L	imits, M-factors and ATE	
109434-22-2		МІВІ	95 - < 100 %
		= 3 mg/l (vapours); inhalation: ATE = 0,5 mg/l (dusts or mists); dermal: ATE = : ATE = 100 mg/kg	

SECTION 4: First aid measures

4.1. Description of first aid measures

After inhalation

Provide fresh air. Call a physician immediately.

After contact with skin

After contact with skin, wash immediately with: Water. Change contaminated clothing. Call a physician immediately.

After contact with eyes

Rinse immediately carefully and thoroughly with eye-bath or water. Consult an ophthalmologist.

After ingestion

Do NOT induce vomiting. Never give anything by mouth to an unconscious person or a person with cramps. Rinse mouth thoroughly with water. Call a physician in any case! Medical examination necessary even merely on suspicion of intoxication.

SECTION 5: Firefighting measures

according to UK REACH Regulation

MIBI

Revision date: 20.06.2022

Product code: 7200

Page 3 of 6

5.1. Extinguishing media

Suitable extinguishing media

Atomized water. Carbon dioxide (CO2). Dry extinguishing powder. alcohol resistant foam.

5.3. Advice for firefighters

In case of fire: Wear self-contained breathing apparatus.

Additional information

Suppress gases/vapours/mists with water spray jet. Contaminated fire-fighting water must be collected separately. Do not allow to enter into surface water or drains.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General advice

Provide adequate ventilation. Do not breathe gas/fumes/vapour/spray. Avoid contact with skin, eyes and clothes. Wear personal protection equipment.

6.2. Environmental precautions

Do not allow to enter into surface water or drains.

6.3. Methods and material for containment and cleaning up

Other information

Absorb with liquid-binding material (sand, diatomaceous earth, acid- or universal binding agents). Treat the recovered material as prescribed in the section on waste disposal.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Advice on safe handling

If handled uncovered, arrangements with local exhaust ventilation have to be used. Do not breathe gas/fumes/vapour/spray.

Advice on general occupational hygiene

Remove contaminated, saturated clothing immediately. Protect skin by using skin protective cream. After work, wash hands and face. When using do not eat or drink.

7.2. Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels

Keep container tightly closed in a cool, well-ventilated place.

Further information on storage conditions

Storage of °C: -25 up to °C: -15 Protect against: Light. Store under (Gas): argon. Nitrogen.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Additional advice on limit values

To date, no national critical limit values exist.

8.2. Exposure controls

Individual protection measures, such as personal protective equipment

Eye/face protection

Tightly sealed safety glasses.

according to UK REACH Regulation

	МІВІ	
Revision date: 20.06.2022	Product code: 7200	Page 4 of 6
Hand protection Single-use gloves. (NBR (Nitrile	rubber).)	
Skin protection Lab apron. Chemical resistant safe Respiratory protection	ty shoes. Immediately remove any wetted clothing, shoes or stockings.	
If handled uncovered, arrangemen gas/fumes/vapour/spray.	ts with local exhaust ventilation have to be used. Do not breathe	
SECTION 9: Physical and chemical	properties	
9.1. Information on basic physical and c	hemical properties	
Physical state:	liquid	
Colour:	colourless, light brown	
Odour:	pungent, sharp	
Changes in the physical state		
Flash point:	> 23 °C	
Water solubility:	practically insoluble	
Solubility in other solvents Methanol. Chloroform. dimethylsul	phoxide (DMSO).	
SECTION 10: Stability and reactivity		
10.4. Conditions to avoid		

Light.

10.6. Hazardous decomposition products

Carbon dioxide. Carbon monoxide. Nitrogen oxides (NOx).

SECTION 11: Toxicological information

11.1. Information on hazard classes as defined in GB CLP Regulation

Acute toxicity

Acute toxicity, inhalant.

CAS No	Chemical name					
	Exposure route	Dose		Species	Source	Method
109434-22-2	MIBI					
	oral	ATE mg/kg	100			
	dermal	ATE mg/kg	300			
	inhalation vapour	ATE	3 mg/l			
	inhalation dust/mist	ATE	0,5 mg/l			

11.2. Information on other hazards

Other information

Data obtained by analogy conclusion, e.g. QSAR.

SECTION 12: Ecological information

12.5. Results of PBT and vPvB assessment

This substance does not meet the PBT/vPvB criteria of UK REACH.

according to UK REACH Regulation

Μ	IBI

Revision date: 20.06.2022

Product code: 7200

Page 5 of 6

12.6. Endocrine disrupting properties

This substance does not have endocrine disrupting properties with respect to non-target organisms.

Further information

Do not allow to enter into surface water or drains.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

List of Wastes Code - residues/unused products

160508 WASTES NOT OTHERWISE SPECIFIED IN THE LIST; gases in pressure containers and discarded chemicals; discarded organic chemicals consisting of or containing hazardous substances; hazardous waste

List of Wastes Code - used product

160508 WASTES NOT OTHERWISE SPECIFIED IN THE LIST; gases in pressure containers and discarded chemicals; discarded organic chemicals consisting of or containing hazardous substances; hazardous waste

List of Wastes Code - contaminated packaging

150110 WASTE PACKAGING; ABSORBENTS, WIPING CLOTHS, FILTER MATERIALS AND PROTECTIVE CLOTHING NOT OTHERWISE SPECIFIED; packaging (including separately collected municipal packaging waste); packaging containing residues of or contaminated by hazardous substances; hazardous waste

Contaminated packaging

Non-contaminated packages may be recycled.

SECTION 14: Transport information

Land transport (ADR/RID)	
14.1. UN number or ID number:	UN 2929
14.2. UN proper shipping name:	Toxic liquid, flammable, organic, n.o.s. (2-Methoxyisobutyl isonitrile)
14.3. Transport hazard class(es):	6.1 (3)
14.4. Packing group:	ll
Hazard label:	6.1 (3)
Inland waterways transport (ADN)	
14.1. UN number or ID number:	UN 2929
14.2. UN proper shipping name:	Toxic liquid, flammable, organic, n.o.s. (2-Methoxyisobutyl isonitrile)
14.3. Transport hazard class(es):	6.1 (3)
14.4. Packing group:	ll
Hazard label:	6.1 (3)
Marine transport (IMDG)	
14.1. UN number or ID number:	UN 2929
14.2. UN proper shipping name:	Toxic liquid, flammable, organic, n.o.s. (2-Methoxyisobutyl isonitrile)
14.3. Transport hazard class(es):	6.1 (3)
14.4. Packing group:	ll
Hazard label:	6.1 (3)
Air transport (ICAO-TI/IATA-DGR)	
14.1. UN number or ID number:	UN 2929
14.2. UN proper shipping name:	Toxic liquid, flammable, organic, n.o.s. (2-Methoxyisobutyl isonitrile)
14.3. Transport hazard class(es):	6.1 (3)
14.4. Packing group:	ll
Hazard label:	6.1 (3)

SECTION 15: Regulatory information

according to UK REACH Regulation

	MIBI	
Revision date: 20.06.2022	Product code: 7200	Page 6 of 6
15.1. Safety, health and environmental re	gulations/legislation specific for the substance or mixtu	<u>ire</u>
EU regulatory information Restrictions on use (REACH, annex XV	(II):	

National regulatory information

Water hazard class (D):

3 - highly hazardous to water

SECTION 16: Other information

Relevant H and EUH statements (number and full text)

Flammable liquid and vapour.
Toxic if swallowed.
Toxic if swallowed, in contact with skin or if inhaled.
Toxic in contact with skin.
Toxic if inhaled.