

Telefax: +49 (0) 941 70 46 60

according to Regulation (EC) No 1907/2006

### Innotech Synth. Innenlagerschmierung 105 Flüssigware

Revision date: 23.07.2020 Page 1 of 14

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

#### 1.1. Product identifier

Innotech Synth. Innenlagerschmierung 105 Flüssigware

### 1.2. Relevant identified uses of the substance or mixture and uses advised against

#### Use of the substance/mixture

Lubricants, greases, release products Restricted to professional users.

### 1.3. Details of the supplier of the safety data sheet

Company name: innotech-Vertriebs GmbH

 Street:
 Junkerstrasse 16

 Place:
 D-93055 Regensburg

 Telephone:
 +49 (0) 941 70 08 78

e-mail: info@innotech-r.de
Contact person: Mr. Massen
Internet: www.innotech-r.de
Responsible Department: sales department

1.4. Emergency telephone +49 (0) 941 70 08 78

**number:** Only available during office hours.

### **SECTION 2: Hazards identification**

### 2.1. Classification of the substance or mixture

### Regulation (EC) No. 1272/2008

Hazard categories:

Flammable liquid: Flam. Liq. 3 Aspiration hazard: Asp. Tox. 1

Hazardous to the aquatic environment: Aquatic Chronic 3

Hazard Statements:

Flammable liquid and vapour.

May be fatal if swallowed and enters airways. Harmful to aquatic life with long lasting effects.

### 2.2. Label elements

#### Regulation (EC) No. 1272/2008

## Hazard components for labelling

Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, < 2% aromatics

Hydrocarbons, C7-C9, n-alkanes, isoalkanes, cyclics

Signal word: Danger

Pictograms:





## **Hazard statements**

H226 Flammable liquid and vapour.

H304 May be fatal if swallowed and enters airways.
H412 Harmful to aquatic life with long lasting effects.

### **Precautionary statements**

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No

smoking.

P301+P310 IF SWALLOWED: Immediately call a POISON CENTER/doctor.



according to Regulation (EC) No 1907/2006

Innotech Synth. Innenlagerschmierung 105 Flüssigware

Revision date: 23.07.2020 Page 2 of 14

P331 Do NOT induce vomiting.

P370+P378 In case of fire: Use sand, extinguishing powder or alcohol-resistant foam to extinguish.

P403+P235 Store in a well-ventilated place. Keep cool.

P501 Dispose of contents/container to in accordance with local/regional/national/international

regulation.

Special labelling of certain mixtures

EUH066 Repeated exposure may cause skin dryness or cracking.

2.3. Other hazards

In use may form flammable/explosive vapour-air mixture.

### **SECTION 3: Composition/information on ingredients**

#### 3.2. Mixtures

#### **Hazardous components**

CAS No	Chemical name				
	EC No	Index No	REACH No		
	GHS Classification		•		
	Hydrocarbons, C10-C13, n-alkanes	, isoalkanes, cyclics, < 2% aromati	cs	75 - < 80 %	
	918-481-9		01-2119457273-39		
	Asp. Tox. 1; H304 EUH066				
	Hydrocarbons, C7-C9, n-alkanes, is	soalkanes, cyclics		2.5 - < 5 %	
	920-750-0		01-2119473851-33		
	Flam. Liq. 2, STOT SE 3, Asp. Tox. 1, Aquatic Chronic 2; H225 H336 H304 H411 EUH066				
68937-41-7	Phenol, isopropylated, phosphate (		0.5 - < 1 %		
	273-066-3		01-2119535109-41		
	Repr. 2, STOT RE 2, Aquatic Chror				
61791-55-7	N-Tallow propylene diamine			0.5 - < 1 %	
	263-189-0		01-2119487014-41		
	Acute Tox. 4, Skin Corr. 1B, STOT H400 H411	onic 2; H302 H314 H372			
115-86-6	Triphenyl phosphate			0.1 - < 0.5 %	
	204-112-2		01-2119457432-41	_	
_	Aquatic Chronic 1; H410				

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

### **SECTION 4: First aid measures**

#### 4.1. Description of first aid measures

#### **General information**

In case of accident or unwellness, seek medical advice immediately (show directions for use or safety data sheet if possible).

### After inhalation

Provide fresh air. If breathing is irregular or stopped, administer artificial respiration. Call a physician immediately.

#### After contact with skin

After contact with skin, wash immediately with plenty of water and soap. Take off immediately all contaminated clothing and wash it before reuse. If skin irritation occurs: Get medical advice/attention.

#### After contact with eyes

Rinse immediately carefully and thoroughly with eye-bath or water. In case of eye irritation consult an



according to Regulation (EC) No 1907/2006

### Innotech Synth. Innenlagerschmierung 105 Flüssigware

Revision date: 23.07.2020 Page 3 of 14

ophthalmologist.

#### After ingestion

Observe risk of aspiration if vomiting occurs. If accidentally swallowed rinse the mouth with plenty of water (only if the person is conscious) and obtain immediate medical attention.

### 4.2. Most important symptoms and effects, both acute and delayed

Symptoms may develop several hours following exposure; medical observation therefore necessary for at least 48 hours.

#### 4.3. Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

### **SECTION 5: Firefighting measures**

#### 5.1. Extinguishing media

### Suitable extinguishing media

Carbon dioxide (CO2), Foam, Extinguishing powder.

#### Unsuitable extinguishing media

Water.

#### 5.2. Special hazards arising from the substance or mixture

Flammable. Vapours can form explosive mixtures with air.

#### 5.3. Advice for firefighters

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

#### Additional information

Use water spray jet to protect personnel and to cool endangered containers. Suppress gases/vapours/mists with water spray jet. Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water.

#### **SECTION 6: Accidental release measures**

## 6.1. Personal precautions, protective equipment and emergency procedures

Remove all sources of ignition. Provide adequate ventilation. Do not breathe gas/fumes/vapour/spray. Avoid contact with skin, eyes and clothes. Use personal protection equipment.

### 6.2. Environmental precautions

Do not allow uncontrolled discharge of product into the environment. Explosion risk.

## 6.3. Methods and material for containment and cleaning up

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

#### 6.4. Reference to other sections

Safe handling: see section 7

Personal protection equipment: see section 8

Disposal: see section 13

### **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 protection against fire and explosion

Keep away from sources of ignition - No smoking. Take precautionary measures against static discharges. Vapours can form explosive mixtures with air.

### 7.2. Conditions for safe storage, including any incompatibilities



according to Regulation (EC) No 1907/2006

## Innotech Synth. Innenlagerschmierung 105 Flüssigware

Revision date: 23.07.2020 Page 4 of 14

### Requirements for storage rooms and vessels

Keep container tightly closed. Keep locked up. Provide adequate ventilation as well as local exhaustion at critical locations. Keep in a cool, well-ventilated place. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

### Hints on joint storage

Do not store together with: Oxidizing agent. Pyrophoric or self-heating substances.

## 7.3. Specific end use(s)

Lubricants, greases, release products

## **SECTION 8: Exposure controls/personal protection**

### 8.1. Control parameters

### **Exposure limits (EH40)**

CAS No	Substance	ppm	mg/m³	fibres/ml	Category	Origin
115-86-6	Triphenyl phosphate	-	3		TWA (8 h)	WEL
		-	6		STEL (15 min)	WEL



according to Regulation (EC) No 1907/2006

## Innotech Synth. Innenlagerschmierung 105 Flüssigware

Revision date: 23.07.2020 Page 5 of 14

## **DNEL/DMEL values**

Exposure route	Effect	Value
dermal	systemic	773 mg/kg bw/day
inhalation	systemic	2035 mg/m <sup>3</sup>
dermal	systemic	699 mg/kg bw/day
inhalation	systemic	608 mg/m³
oral	systemic	699 mg/kg bw/day
inhalation	systemic	0,145 mg/m³
inhalation	systemic	700 mg/m³
dermal	systemic	0,416 mg/kg bw/day
dermal	systemic	2000 mg/kg bw/day
dermal	local	16 mg/cm²
inhalation	systemic	350 mg/m³
dermal	systemic	0,208 mg/kg bw/day
dermal	systemic	100 mg/kg bw/day
dermal	local	8 mg/cm <sup>2</sup>
oral	systemic	0,04 mg/kg bw/day
oral	systemic	50 mg/kg bw/day
inhalation	systemic	5,2 mg/m³
dermal	systemic	5,55 mg/kg bw/day
inhalation	systemic	0,9 mg/m³
dermal	systemic	1,98 mg/kg bw/day
oral	systemic	0,5 mg/kg bw/day
	dermal inhalation dermal inhalation oral  inhalation inhalation dermal dermal dermal inhalation dermal inhalation dermal	dermal systemic inhalation systemic inhalation systemic inhalation systemic oral systemic inhalation systemic inhalation systemic dermal systemic dermal local inhalation systemic dermal systemic dermal local inhalation systemic dermal systemic inhalation systemic inhalation systemic dermal systemic inhalation systemic dermal systemic inhalation systemic inhalation systemic systemic inhalation systemic inhalation systemic inhalation systemic inhalation systemic



according to Regulation (EC) No 1907/2006

### Innotech Synth. Innenlagerschmierung 105 Flüssigware

Revision date: 23.07.2020 Page 6 of 14

#### **PNEC values**

CAS No	Substance	
Environmenta	l compartment	Value
68937-41-7	Phenol, isopropylated, phosphate (3:1)	
Freshwater		0 mg/l
Freshwater (ir	ntermittent releases)	0,015 mg/l
Marine water		0 mg/l
Freshwater se	ediment	0,185 mg/kg
Marine sedim	ent	0,018 mg/kg
Secondary po	isoning	1,85 mg/kg
Micro-organisms in sewage treatment plants (STP)		100 mg/l
Soil		2,5 mg/kg
115-86-6	Triphenyl phosphate	
Freshwater		0,004 mg/l
Freshwater (ir	ntermittent releases)	0,003 mg/l
Marine water		0 mg/l
Freshwater sediment		1,103 mg/kg
Marine sediment		0,11 mg/kg
Secondary poisoning		16,667 mg/kg
Micro-organisms in sewage treatment plants (STP) 5 mg/s		5 mg/l
Soil		0,218 mg/kg

### 8.2. Exposure controls

### Appropriate engineering controls

Do not breathe gas/fumes/vapour/spray. If local exhaust ventilation is not possible or not sufficient, the entire working area should be ventilated by technical means.

#### Protective and hygiene measures

Remove contaminated, saturated clothing immediately. Draw up and observe skin protection programme. Wash hands and face before breaks and after work and take a shower if necessary. When using do not eat, drink, smoke, sniff.

#### Eye/face protection

Wear eye protection/face protection. Suitable eye protection: Eye glasses with side protection DIN EN 166

#### Hand protection

When handling with chemical substances, protective gloves must be worn with the CE-label including the four control digits. The quality of the protective gloves resistant to chemicals must be chosen as a function of the specific working place concentration and quantity of hazardous substances.

Suitable material: NBR (Nitrile rubber), Butyl caoutchouc (butyl rubber) EN ISO 374

Thickness of the glove material: >=0,4mm.

Breakthrough time (maximum wearing time): 480 min

For special purposes, it is recommended to check the resistance to chemicals of the protective gloves mentioned above together with the supplier of these gloves.

### Skin protection

Use of protective clothing.

## Respiratory protection

In case of inadequate ventilation wear respiratory protection. Suitable respiratory protection apparatus: Combination filtering device (EN 14387) A-P2.



according to Regulation (EC) No 1907/2006

### Innotech Synth. Innenlagerschmierung 105 Flüssigware

Revision date: 23.07.2020 Page 7 of 14

#### **SECTION 9: Physical and chemical properties**

#### 9.1. Information on basic physical and chemical properties

Physical state: Liquid
Colour: light yellow
Odour: characteristic

pH-Value: not applicable

Changes in the physical state

Melting point: not determined Initial boiling point and boiling range: 135  $^{\circ}$ C Flash point: 52  $^{\circ}$ C

**Flammability** 

Solid: not applicable
Gas: not applicable

**Explosive properties** 

The product is not: Explosive. In use may form flammable/explosive vapour-air mixture.

Lower explosion limits: 0,6 vol. %
Upper explosion limits: 7 vol. %
Ignition temperature: >220 °C

**Auto-ignition temperature** 

Solid: not applicable
Gas: not applicable

Decomposition temperature: not determined

**Oxidizing properties** 

Not oxidising.

Vapour pressure: 2 hPa

(at 20 °C)

Density (at 20 °C): 0,815 g/cm³ Water solubility: practically insoluble

(at 20 °C)

Solubility in other solvents

not determined

Partition coefficient: not determined Viscosity / dynamic: not determined Vapour density: not determined Evaporation rate: not determined

9.2. Other information

Solid content: not determined

## **SECTION 10: Stability and reactivity**

### 10.1. Reactivity

Flammable.

## 10.2. Chemical stability

The product is stable under storage at normal ambient temperatures.

### 10.3. Possibility of hazardous reactions



Print date: 23.07.2020

according to Regulation (EC) No 1907/2006

## Innotech Synth. Innenlagerschmierung 105 Flüssigware

Revision date: 23.07.2020 Page 8 of 14

No known hazardous reactions.

#### 10.4. Conditions to avoid

Keep away from sources of heat (e.g. hot surfaces), sparks and open flames. Vapours can form explosive mixtures with air.

### 10.5. Incompatible materials

No information available.

### 10.6. Hazardous decomposition products

No known hazardous decomposition products.

### **SECTION 11: Toxicological information**

### 11.1. Information on toxicological effects

### **Acute toxicity**

Based on available data, the classification criteria are not met.

CAS No	Chemical name							
	Exposure route	Dose		Species	Source	Method		
	Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, < 2% aromatics							
	oral	LD50 mg/kg	> 5000	Rat	Study report (1988)	OECD Guideline 401		
	dermal	LD50 mg/kg	> 2000	Rat	Study report (1989)	OECD Guideline 402		
	inhalation (4 h) vapour	LC50	>20 mg/l	Rat	OECD 403			
	Hydrocarbons, C7-C9, n-	alkanes, isoa	alkanes, cyc	lics				
	oral	LD50 mg/kg	>5000	Rat				
	dermal	LD50 3100 mg/kg	> 2800 -	Rat	Study report (1977)	The acute toxicity of SBP 100/140 was de		
	inhalation (4 h) vapour	LC50	(16) mg/l	Rat	Toxicology and Applied Pharmacology 32:	OECD Guideline 403		
68937-41-7	Phenol, isopropylated, phosphate (3:1)							
	dermal	LD50 mg/kg	> 10000	Rabbit	Study report (1976)	other: 16 CFR 1500. 40		
61791-55-7	N-Tallow propylene diam	ine						
	oral	ATE mg/kg	500					
115-86-6	Triphenyl phosphate							
	oral	LD50 mg/kg	> 20000	Rat	Study report (1976)	OECD Guideline 401		
	dermal	LD50 mg/kg	> 10000	Rabbit	Study report (1976)	OECD Guideline 402		

### Irritation and corrosivity

Based on available data, the classification criteria are not met.

### Sensitising effects

Based on available data, the classification criteria are not met.

#### Carcinogenic/mutagenic/toxic effects for reproduction

Based on available data, the classification criteria are not met.

### STOT-single exposure

Based on available data, the classification criteria are not met.



according to Regulation (EC) No 1907/2006

## Innotech Synth. Innenlagerschmierung 105 Flüssigware

Revision date: 23.07.2020 Page 9 of 14

### STOT-repeated exposure

Repeated exposure may cause skin dryness or cracking.

### **Aspiration hazard**

May be fatal if swallowed and enters airways.

### Additional information on tests

The mixture is classified as hazardous according to regulation (EC) No 1272/2008 [CLP]. Special hazards arising from the substance or mixture!

### **SECTION 12: Ecological information**

### 12.1. Toxicity

Harmful to aquatic life with long lasting effects.

CAS No	Chemical name							
	Aquatic toxicity	Dose		[h]   [d]	Species	Source	Method	
	Hydrocarbons, C10-C13,	n-alkanes, i	soalkanes, cy	yclics, <	2% aromatics			
	Acute fish toxicity	LC50 mg/l	> 1000	96 h	Oncorhynchus mykiss	OECD Guideline 203		
	Acute algae toxicity	ErC50 mg/l	> 1000	72 h	Pseudokirchneriella subcapitata	REACh Registration Dossier	OECD Guideline 201	
	Acute crustacea toxicity	EC50 mg/l	> 1000	48 h	Daphnia magna	OECD Guideline 202		
	Hydrocarbons, C7-C9, n-	alkanes, iso	alkanes, cycl	ics				
	Acute fish toxicity	LC50 mg/l	3 - 10	96 h	Oncorhynchus mykiss	OECD Guideline 203		
	Acute algae toxicity	ErC50 mg/l	10 - 30	72 h	Raphidocelis subcapitata	OECD Guideline 201		
	Acute crustacea toxicity	EC50	7,4 mg/l	48 h	Daphnia magna	SIDS Initial Assessment Report For SIAM	OECD Guideline 202	
	Fish toxicity	NOEC mg/l	0,574	28 d	Oncorhynchus mykiss	Hydrocarbon Solvents Consortium SEIF (HS	The aquatic toxicity was estimated by a	
	Algea toxicity	NOEC	(10) mg/l	3 d	Pseudokirchneriella subcapitata			
	Crustacea toxicity	NOEC	1 mg/l	21 d	Daphnia magna	SIDS Initial Assessment Report For SIAM	OECD Guideline 211	
68937-41-7	Phenol, isopropylated, phosphate (3:1)							
	Acute fish toxicity	LC50 mg/l	10,8	96 h	Pimephales promelas	REACh Registration Dossier	OECD Guideline 203	
	Acute algae toxicity	ErC50 mg/l	> 2,5	72 h	Pseudokirchneriella subcapitata	REACh Registration Dossier	EU Method C.3	
	Acute crustacea toxicity	EC50	1,5 mg/l	48 h	Daphnia magna	REACh Registration Dossier	OECD Guideline 202	
	Acute bacteria toxicity	(> 1000	mg/l)	3 h	activated sludge, domestic	REACh Registration Dossier	OECD Guideline 209	

#### 12.2. Persistence and degradability



Print date: 23.07.2020

according to Regulation (EC) No 1907/2006

### Innotech Synth. Innenlagerschmierung 105 Flüssigware

Revision date: 23.07.2020 Page 10 of 14

The product has not been tested.

CAS No	Chemical name						
	Method	Value		d	Source		
	Evaluation						
	Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, < 2% aromatics						
	Biodegradation	80%		28			
	Readily biodegradable (according to OECD criteria).						
	Hydrocarbons, C7-C9, n-alkanes, isoalkanes, cyclics						
	Biodegradation	98%		28	OECD 301F/ ISO 9408/ EEC 92/69/V, C.4-D		
	Readily biodegradable (according to OECD criteria).						

### 12.3. Bioaccumulative potential

The product has not been tested.

#### Partition coefficient n-octanol/water

CAS No	Chemical name	Log Pow
68937-41-7	Phenol, isopropylated, phosphate (3:1)	85000 - 150000
115-86-6	Triphenyl phosphate	4,63

#### **BCF**

CAS No	Chemical name	BCF	Species	Source
	Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, < 2% aromatics	144,3	calculated	Other company data (
68937-41-7	Phenol, isopropylated, phosphate (3:1)	225	Lepomis macrochirus	REACh Registration D
115-86-6	Triphenyl phosphate	144	Oryzias latipes	REACh Registration D

### 12.4. Mobility in soil

The product has not been tested.

### 12.5. Results of PBT and vPvB assessment

The product has not been tested.

### 12.6. Other adverse effects

No information available.

#### **Further information**

Do not allow to enter into surface water or drains. Do not allow to enter into soil/subsoil.

### **SECTION 13: Disposal considerations**

### 13.1. Waste treatment methods

### **Disposal recommendations**

Do not allow to enter into surface water or drains. Do not allow to enter into soil/subsoil. Dispose of waste according to applicable legislation.

## 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

Hazardous waste according to Directive 2008/98/EC (waste framework directive). Handle contaminated packages in the same way as the substance itself.

## **SECTION 14: Transport information**



according to Regulation (EC) No 1907/2006

### Innotech Synth. Innenlagerschmierung 105 Flüssigware

Revision date: 23.07.2020 Page 11 of 14

### Land transport (ADR/RID)

**14.1. UN number:** UN 1993

14.2. UN proper shipping name: FLAMMABLE LIQUID, N.O.S. (synthetic oil)

14.3. Transport hazard class(es):314.4. Packing group:IIIHazard label:3



Classification code: F1
Special Provisions: 274 601
Limited quantity: 5 L
Excepted quantity: E1
Transport category: 3
Hazard No: 30
Tunnel restriction code: D/E

Inland waterways transport (ADN)

**14.1. UN number:** UN 1993

14.2. UN proper shipping name: FLAMMABLE LIQUID, N.O.S. (synthetic oil)

14.3. Transport hazard class(es):314.4. Packing group:IIIHazard label:3



Classification code: F1
Special Provisions: 274 601
Limited quantity: 5 L
Excepted quantity: E1

Marine transport (IMDG)

**14.1. UN number:** UN 1993

14.2. UN proper shipping name: FLAMMABLE LIQUID, N.O.S. (synthetic oil)

14.3. Transport hazard class(es):314.4. Packing group:IIIHazard label:3



Special Provisions: 223, 274, 955

Limited quantity: 5 L

Excepted quantity: E1

EmS: F-E, S-E

Air transport (ICAO-TI/IATA-DGR)

**14.1. UN number:** UN 1993

14.2. UN proper shipping name: FLAMMABLE LIQUID, N.O.S. (synthetic oil)

14.3. Transport hazard class(es): 3
14.4. Packing group: |||||



according to Regulation (EC) No 1907/2006

### Innotech Synth. Innenlagerschmierung 105 Flüssigware

Revision date: 23.07.2020 Page 12 of 14

Hazard label: 3



Special Provisions:

Limited quantity Passenger:

Passenger LQ:

Y344

Excepted quantity:

E1

IATA-packing instructions - Passenger: 355
IATA-max. quantity - Passenger: 60 L
IATA-packing instructions - Cargo: 366
IATA-max. quantity - Cargo: 220 L

14.5. Environmental hazards

ENVIRONMENTALLY HAZARDOUS: no

14.6. Special precautions for user

Warning: Combustible liquid.

14.7. Transport in bulk according to Annex II of Marpol and the IBC Code

not applicable

### **SECTION 15: Regulatory information**

#### 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

### **EU** regulatory information

2010/75/EU (VOC): 80,96 % (659,825 g/l)
2004/42/EC (VOC): 81,562 % (664,728 g/l)
Information according to 2012/18/EU P5c FLAMMABLE LIQUIDS

(SEVESO III):

**Additional information** 

To follow: 850/2004/EC, 79/117/EEC, 689/2008/EC

National regulatory information

Employment restrictions: Observe restrictions to employment for juvenils according to the 'juvenile

work protection guideline' (94/33/EC).

Water hazard class (D): 2 - obviously hazardous to water

15.2. Chemical safety assessment

Chemical safety assessments for substances in this mixture were not carried out.

## **SECTION 16: Other information**

#### Changes

This data sheet contains changes from the previous version in section(s): 1,2,3,4,5,6,7,8,9,10,12,13,14,15,16.

### Abbreviations and acronyms

ADR: Accord européen sur le transport des marchandises dangereuses par Route

(European Agreement concerning the International Carriage of Dangerous Goods by Road)

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

GHS: Globally Harmonized System of Classification and Labelling of Chemicals

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service LC50: Lethal concentration, 50%



according to Regulation (EC) No 1907/2006

### Innotech Synth. Innenlagerschmierung 105 Flüssigware

Revision date: 23.07.2020 Page 13 of 14

LD50: Lethal dose, 50%

CLP: Classification, labelling and Packaging

REACH: Registration, Evaluation and Authorization of Chemicals

GHS: Globally Harmonised System of Classification, Labelling and Packaging of Chemicals

**UN: United Nations** 

DNEL: Derived No Effect Level
DMEL: Derived Minimal Effect Level
PNEC: Predicted No Effect Concentration

ATE: Acute toxicity estimate LL50: Lethal loading, 50% EL50: Effect loading, 50%

EC50: Effective Concentration 50%

ErC50: Effective Concentration 50%, growth rate NOFC: No Observed Effect Concentration

BCF: Bio-concentration factor

PBT: persistent, bioaccumulative, toxic vPvB: very persistent, very bioaccumulative

RID: Regulations concerning the international carriage of dangerous goods by rail

ADN: European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways (Accord européen relatif au transport international des marchandises dangereuses par voies de navigation

intérieures)

EmS: Emergency Schedules MFAG: Medical First Aid Guide

ICAO: International Civil Aviation Organization

MARPOL: International Convention for the Prevention of Marine Pollution from Ships

IBC: Intermediate Bulk Container
VOC: Volatile Organic Compounds
SVHC: Substance of Very High Concern

Classification for mixtures and used evaluation method according to Regulation (EC) No. 1272/2008 [CLP]

	3 - 3 - 3 - 3 - 3 - 3 - 3 - 3 - 3 - 3 -
Classification	Classification procedure
Flam. Liq. 3; H226	On basis of test data
Asp. Tox. 1; H304	Calculation method
Aquatic Chronic 3; H412	Calculation method

#### Relevant H and EUH statements (number and full text)

H225	Highly flammable liquid and vapour.
H226	Flammable liquid and vapour.
H302	Harmful if swallowed.
H304	May be fatal if swallowed and enters airways.
H314	Causes severe skin burns and eye damage.
H336	May cause drowsiness or dizziness.
H361fd	Suspected of damaging fertility. Suspected of damaging the unborn child.
H372	Causes damage to organs through prolonged or repeated exposure.
H373	May cause damage to organs through prolonged or repeated exposure.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.
H411	Toxic to aquatic life with long lasting effects.
H412	Harmful to aquatic life with long lasting effects.
EUH066	Repeated exposure may cause skin dryness or cracking.

#### **Further Information**

The information is based on the present level of our knowledge. It does not, however, give assurance of product properties and establishes no contract legal rights. The receiver of our product is singularly responsible for adhering to existing laws and regulations.



according to Regulation (EC) No 1907/2006

## Innotech Synth. Innenlagerschmierung 105 Flüssigware

Revision date: 23.07.2020 Page 14 of 14

(The data for the hazardous ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)