



# UNIVERSE

## Safety Data Sheet

according to Regulation (EU) 2015/830  
Issue date: 21/12/2021

Version: 1.0/IE (eng)

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

#### 1.1. Product identifier

Trade name : UNIVERSE  
Name : Fluroxypyr-meptyl 10% (a.e.) + Clopyralid 8% + Florasulam 0.25% EC  
Product code : SHA 5414 B  
PCS No. : 06493

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

##### 1.2.1. Relevant identified uses

Main use category : Herbicide

##### 1.2.2. Uses advised against

No additional information available

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

Sharda Cropchem Ltd.  
2nd Floor, Prime Business Park, Dashrathlal Joshi Road, Vile Parle (West)  
400056 Mumbai, India  
T + 91 22 6261 5615 - F + 91 22 6678 2828  
[regn@shardaintl.com](mailto:regn@shardaintl.com)

#### 1.4. Emergency telephone number

Emergency number : 112

Country	Organisation/Company	Address	Emergency number
Ireland	National Poisons Information Centre Beaumont Hospital	PO Box 1297 Beaumont Road 9 Dublin	+353 1 809 2566 (Healthcare professionals-24/7) +353 1 809 2166 (public, 8am - 10pm, 7/7)

### SECTION 2: Hazards identification

#### 2.1. Classification of the substance or mixture

##### Classification according to Regulation (EC) No. 1272/2008 [CLP]

Acute toxicity (inhal.), Category 4 H332  
Skin corrosion/irritation, Category 2 H315  
Serious eye damage/eye irritation, Category 2 H319  
Skin sensitisation, Category 1 H317  
Aspiration hazard, Category 1 H304  
Hazardous to the aquatic environment — Acute Hazard, Category 1 H400  
Hazardous to the aquatic environment — Chronic Hazard, Category 1 H410  
Full text of H- and EUH-statements: see section 16

##### Adverse physicochemical, human health and environmental effects

No additional information available

#### 2.2. Label elements

##### Labelling according to Regulation (EC) No. 1272/2008 [CLP]

Hazard pictograms (CLP) :



Signal word (CLP) : Danger  
Hazard statements (CLP) : 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.  
H332 - Harmful if inhaled.  
H410 - Very toxic to aquatic life with long lasting effects.

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Precautionary statements (CLP)	: P280 - Wear eye protection, face protection, protective clothing, protective gloves. P301+P310 - IF SWALLOWED: Immediately call a doctor, a POISON CENTER. P302+P352 - IF ON SKIN: Wash with plenty of soap and water. P304+P340 - IF INHALED: Remove person to fresh air and keep comfortable for breathing. P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P331 - Do NOT induce vomiting. P391 - Collect spillage. P501 - Dispose of contents/container to a licensed hazardous waste disposal contractor or collection site except for triple rinsed empty containers which can be disposed of as non-hazardous waste.
EUH-statements	: EUH401 - To avoid risks to human health and the environment, comply with the instructions for use.

### 2.3. Other hazards

Contains no PBT/vPvB substances  $\geq 0.1\%$  assessed in accordance with REACH Annex XIII

## SECTION 3: Composition/information on ingredients

### 3.1. Substances

Not applicable

### 3.2. Mixtures

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
fluroxypyr-meptyl (ISO); methylheptyl, O-(4-amino-3,5-dichloro-6-fluoro-2-pyridyloxy) acetate	(CAS-No.) 81406-37-3 (EC-No.) 279-752-9 (EC Index-No.) 607-272-00-5	13.85	Aquatic Acute 1, H400 Aquatic Chronic 1, H410
clopyralid (ISO); 3,6-dichloropyridine-2-carboxylic acid	(CAS-No.) 1702-17-6 (EC-No.) 216-935-4 (EC Index-No.) 607-231-00-1	7.69	Eye Dam. 1, H318
florasulam (ISO); 2',6',8-trifluoro-5-methoxy-5-triazolo[1,5-c]; pyrimidine-2-sulfonanilide	(CAS-No.) 145701-23-1 (EC Index-No.) 613-230-00-7	0.24	Aquatic Acute 1, H400 Aquatic Chronic 1, H410
Hydrocarbons, C10-C13, aromatics, <1% naphthalene	(EC-No.) 922-153-0 (REACH-no) 01-2119451097-39	10 - 50	Asp. Tox. 1, H304 Aquatic Chronic 2, H411
N,N-dimethyl fatty acid amide - Reaction mass of Dimethyloctanamide (CAS: 1118-92-9) and Dimethyldecanamide (CAS: 14433-76-2)	(EC-No.) 909-125-3 (REACH-no) 01-2119974115-37	10 - 50	Skin Irrit. 2, H315 Eye Dam. 1, H318 STOT SE 3, H335
Benzenesulfonic acid, mono-C11-13-branched alkyl derivs., calcium salt	(CAS-No.) 68953-96-8 (EC-No.) 273-234-6 (REACH-no) 01-2119964467-24	1 - 5	Acute Tox. 4 (Dermal), H312 Skin Irrit. 2, H315 Eye Dam. 1, H318 Aquatic Chronic 2, H411
Hydrocarbons, C10, aromatics, <1% naphthalene	(CAS-No.) 1189173-42-9 formerly (64742-94-5) (EC-No.) 918-811-1 formerly (265-198-5) (EC Index-No.) 649-424-00-3 (REACH-no) 01-2119463583-34	0 - 5	STOT SE 3, H336 Asp. Tox. 1, H304 Aquatic Chronic 2, H411

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

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

First-aid measures general	: Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).
First-aid measures after inhalation	: Move the affected person away from the contaminated area and into the fresh air. If not breathing, give artificial respiration. Call a doctor.

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First-aid measures after skin contact	: Remove contaminated clothes. After contact with skin, wash immediately and thoroughly with water and soap.
First-aid measures after eye contact	: Wash with plenty of water (during 20 minutes minimum) with eyes wide open after taking off soft contact lenses and immediately take medical advice.
First-aid measures after ingestion	: Rinse mouth. Immediately call a POISON CENTER/doctor.

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

No additional information available

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

No additional information available

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

Suitable extinguishing media : Water spray. Dry powder. Foam. Carbon dioxide.

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

Fire hazard	: In case of fire and/or explosion do not breathe fumes.
Reactivity in case of fire	: Product is not explosive.
Hazardous decomposition products in case of fire	: Carbon monoxide. Nitrogen oxides. Carbon dioxide. Toxic fumes may be released.

### 5.3. Advice for firefighters

Precautionary measures fire	: Keep container tightly closed and away from heat, sparks and flame. Keep away from combustible materials.
Firefighting instructions	: Appropriate self-contained breathing apparatus may be required. Get the package away from the fire if this can be done without risk. Prevent fire fighting water from entering the environment.
Protection during firefighting	: Wear fire/flame resistant/retardant clothing. Do not enter fire area without proper protective equipment, including respiratory protection.
Other information	: Do not allow material to contaminate surface water system.

## SECTION 6: Accidental release measures

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

#### 6.1.1. For non-emergency personnel

Protective equipment	: Wear suitable protective clothing, gloves and eye or face protection. Chemical resistant gloves (according to European standard NF EN 374 or equivalent), EN 166. Wear eye protection. Personal protective equipment. EN ISO 20345.
Emergency procedures	: Evacuate personnel to a safe area.

#### 6.1.2. For emergency responders

Protective equipment	: Wear suitable hand, body and head protection.
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### 6.2. Environmental precautions

Danger of pollution of drinking water when product enters the soil. Do not allow run-off from fire fighting to enter drains or water courses. Notify authorities if liquid enters sewers or public waters.

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

For containment	: Label the container and provide warning statements to prevent any contact.
Methods for cleaning up	: Soak up with inert absorbent material (for example sand, sawdust, a universal binder, silica gel). Clean spills promptly. Wash contaminated area with large amounts of water.

### 6.4. Reference to other sections

No additional information available

### SECTION 7: Handling and storage

#### 7.1. Precautions for safe handling

- Additional hazards when processed : Do not allow run-off from fire fighting to enter drains or water courses. Do not contaminate water with the product or its container (Do not clean application equipment near surface water/Avoid contamination via drains from farmyards and roads).
- Precautions for safe handling : Avoid contact with skin and eyes. Do not eat, drink or smoke in areas where product is used. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Remove contaminated clothing and shoes. Wash clothing and equipment after handling.

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

- Technical measures : Ensure adequate ventilation, especially in confined areas. Store locked up.
- Storage conditions : Keep only in original container. Store in a dry place. Store in a closed container. Store in a well-ventilated place. Protect from sunlight.
- Storage temperature : 0 – 30 °C
- Packaging materials : Keep only in the original container in a cool, well-ventilated place away from combustible materials.

#### 7.3. Specific end use(s)

No additional information available

### SECTION 8: Exposure controls/personal protection

#### 8.1. Control parameters

##### 8.1.1 National occupational exposure and biological limit values

Hydrocarbons, C10-C13, aromatics, <1% naphthalene ((formerly 64742-94-5))	
EU - Indicative Occupational Exposure Limit (IOEL)	
Local name	Naphthalene
IOEL TWA	50 mg/m <sup>3</sup>
IOEL TWA [ppm]	10 ppm
Remark	(Year of adoption 2010)
Regulatory reference	COMMISSION DIRECTIVE 91/322/EEC; SCOEL Recommendations
Ireland - Occupational Exposure Limits	
Local name	Naphthalene
OEL TWA [1]	50 mg/m <sup>3</sup>
OEL TWA [2]	10 ppm
Remark	IOELV (Indicative Occupational Exposure Limit Values)
Regulatory reference	Chemical Agents Code of Practice 2021

##### 8.1.2. Recommended monitoring procedures

No additional information available

##### 8.1.3. Air contaminants formed

No additional information available

##### 8.1.4. DNEL and PNEC

No additional information available

##### 8.1.5. Control banding

No additional information available

#### 8.2. Exposure controls

##### 8.2.1. Appropriate engineering controls

No additional information available

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### 8.2.2. Personal protection equipment

Personal protective equipment symbol(s):



#### 8.2.2.1. Eye and face protection

**Eye protection:**

EN 166. Eye protection, including both chemical splash goggles and face shield, must be worn when possibility exists for eye contact due to spraying liquid or airborne particles

#### 8.2.2.2. Skin protection

**Skin and body protection:**

Long sleeved protective clothing

**Hand protection:**

Chemical resistant gloves (according to European standard NF EN 374 or equivalent)

#### 8.2.2.3. Respiratory protection

**Respiratory protection:**

Extra personal protection: P2 filter respirator for harmful particles. Extra personal protection: P3 filter respirator for toxic particles

#### 8.2.2.4. Thermal hazards

No additional information available

### 8.2.3. Environmental exposure controls

No additional information available

## SECTION 9: Physical and chemical properties

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

Physical state	: Liquid
Colour	: No data available
Odour	: No data available
Odour threshold	: No data available
pH	: No data available
Relative evaporation rate (butylacetate=1)	: No data available
Melting point	: No data available
Freezing point	: No data available
Boiling point	: No data available
Flash point	: No data available
Auto-ignition temperature	: No data available
Decomposition temperature	: No data available
Flammability (solid, gas)	: No data available
Vapour pressure	: No data available
Relative vapour density at 20 °C	: No data available
Relative density	: No data available
Solubility	: No data available
Partition coefficient n-octanol/water (Log Pow)	: No data available
Viscosity, kinematic	: No data available
Viscosity, dynamic	: No data available
Explosive properties	: No data available
Oxidising properties	: No data available
Explosive limits	: No data available

### 9.2. Other information

No additional information available

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### SECTION 10: Stability and reactivity

#### 10.1. Reactivity

Stable under normal conditions of use.

#### 10.2. Chemical stability

The product is stable at normal handling and storage conditions.

#### 10.3. Possibility of hazardous reactions

Stable under normal conditions of use.

#### 10.4. Conditions to avoid

Heat. High temperature. Open flame. Direct sunlight.

#### 10.5. Incompatible materials

No additional information available

#### 10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

### SECTION 11: Toxicological information

#### 11.1 Information on toxicological effects

Acute toxicity (oral)	: Not classified
Acute toxicity (dermal)	: Not classified
Acute toxicity (inhalation)	: Harmful if inhaled.

#### fluroxypyr-meptyl (ISO); methylheptyl, O-(4-amino-3,5-dichloro-6-fluoro-2-pyridyloxy) acetate (81406-37-3)

LD50 oral rat	> 2000 mg/kg bodyweight
LD50 dermal rat	> 2000 mg/kg bodyweight
LC50 Inhalation - Rat	> 1 mg/l/4h

#### clopyralid (ISO); 3,6-dichloropyridine-2-carboxylic acid (1702-17-6)

LD50 oral rat	> 5000 mg/kg bodyweight
LD50 dermal rabbit	> 2000 mg/kg bodyweight
LC50 Inhalation - Rat	> 1 mg/l/4h (maximum attainable concentration)

#### florasulam (ISO); 2',6',8-trifluoro-5-methoxy-5-triazolo[1,5-c]; pyrimidine-2-sulfonanilide (145701-23-1)

LD50 oral rat	> 5000 mg/kg
LD50 dermal rat	> 2000 mg/kg
LC50 Inhalation - Rat	> 5 mg/l/4h

Skin corrosion/irritation	: Causes skin irritation.
Serious eye damage/irritation	: Causes serious eye irritation.
Respiratory or skin sensitisation	: May cause an allergic skin reaction.
Germ cell mutagenicity	: Not classified
Carcinogenicity	: Not classified
Reproductive toxicity	: Not classified
STOT-single exposure	: Not classified
STOT-repeated exposure	: Not classified
Aspiration hazard	: May be fatal if swallowed and enters airways.

### SECTION 12: Ecological information

#### 12.1. Toxicity

Hazardous to the aquatic environment, short-term (acute)	: Very toxic to aquatic life.
Hazardous to the aquatic environment, long-term (chronic)	: Very toxic to aquatic life with long lasting effects.

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### fluroxypyr-meptyl (ISO); methylheptyl, O-(4-amino-3,5-dichloro-6-fluoro-2-pyridyloxy) acetate (81406-37-3)

LC50 - Fish [1]	> 0.225 mg/l (96 h, Oncorhynchus mykiss) (maximum solubility)
EC50 - Crustacea [1]	> 0.183 mg/l (48 h, Daphnia magna) (maximum solubility)
ErC50 algae	0.208 mg/l (120 h, Skeletonema costatum)
ErC50 other aquatic plants	> 2.31 mg/l (14 d, Lemna gibba)

### clopyralid (ISO); 3,6-dichloropyridine-2-carboxylic acid (1702-17-6)

LC50 - Fish [1]	> 99.9 mg/l (Rainbow trout)
EC50 - Crustacea [1]	> 99 mg/l (Daphnia magna)
ErC50 algae	30 mg/l (Green algae)

### florasulam (ISO); 2',6',8-trifluoro-5-methoxy-5-triazolo[1,5-c]; pyrimidine-2-sulfonanilide (145701-23-1)

LC50 - Fish [1]	> 100 mg/l (Oncorhynchus mykiss)
LC50 - Fish [2]	> 100 mg/l (Lepomis macrochirus)
EC50 - Crustacea [1]	> 292 mg/l (Daphnia magna)
ErC50 algae	0.00894 mg/l (Pseudokirchneriella subcapitata)
ErC50 other aquatic plants	0.00118 mg/l (Lemna gibba)

## 12.2. Persistence and degradability

### clopyralid (ISO); 3,6-dichloropyridine-2-carboxylic acid (1702-17-6)

Persistence and degradability	Not readily biodegradable.
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### florasulam (ISO); 2',6',8-trifluoro-5-methoxy-5-triazolo[1,5-c]; pyrimidine-2-sulfonanilide (145701-23-1)

Persistence and degradability	Not readily biodegradable.
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## 12.3. Bioaccumulative potential

### fluroxypyr-meptyl (ISO); methylheptyl, O-(4-amino-3,5-dichloro-6-fluoro-2-pyridyloxy) acetate (81406-37-3)

Partition coefficient n-octanol/water (Log Pow)	5.04 (pH 7)
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### clopyralid (ISO); 3,6-dichloropyridine-2-carboxylic acid (1702-17-6)

Partition coefficient n-octanol/water (Log Pow)	-2.53
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### florasulam (ISO); 2',6',8-trifluoro-5-methoxy-5-triazolo[1,5-c]; pyrimidine-2-sulfonanilide (145701-23-1)

BCF - Fish [1]	0.8 – 2.2
Partition coefficient n-octanol/water (Log Pow)	-1.22 (pH 7.0)

## 12.4. Mobility in soil

### clopyralid (ISO); 3,6-dichloropyridine-2-carboxylic acid (1702-17-6)

Surface tension	55 mN/m (21.5 °C)
Organic Carbon Normalized Adsorption Coefficient (Log Koc)	Very mobile

## 12.5. Results of PBT and vPvB assessment

No additional information available

## 12.6. Other adverse effects

No additional information available

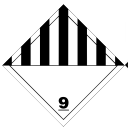

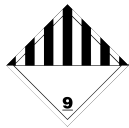
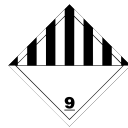
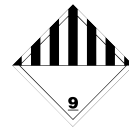
### SECTION 13: Disposal considerations

#### 13.1. Waste treatment methods

Regional legislation (waste)	: Disposal must be done according to official regulations.
Product/Packaging disposal recommendations	: Avoid release to the environment. Disposal must be done according to official regulations. Do not dispose of the packaging without first carrying out the necessary cleaning. Refer to manufacturer/supplier for information on recovery/recycling.
European List of Waste (LoW) code	: 02 01 08* - agrochemical waste containing dangerous substances

### SECTION 14: Transport information

In accordance with ADR / IMDG / IATA / ADN / RID

ADR	IMDG	IATA	ADN	RID
<b>14.1. UN number</b>				
UN 3082	UN 3082	UN 3082	UN 3082	UN 3082
<b>14.2. UN proper shipping name</b>				
ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (fluroxypyr-meptyl (ISO); methylheptyl, O-(4-amino-3,5-dichloro-6-fluoro-2-pyridyloxy) acetate; florasulam (ISO); 2',6',8-trifluoro-5-methoxy-5-triazolo[1,5-c]; pyrimidine-2-sulfonanilide)	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (fluroxypyr-meptyl (ISO); methylheptyl, O-(4-amino-3,5-dichloro-6-fluoro-2-pyridyloxy) acetate; florasulam (ISO); 2',6',8-trifluoro-5-methoxy-5-triazolo[1,5-c]; pyrimidine-2-sulfonanilide)	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (fluroxypyr-meptyl (ISO); methylheptyl, O-(4-amino-3,5-dichloro-6-fluoro-2-pyridyloxy) acetate; florasulam (ISO); 2',6',8-trifluoro-5-methoxy-5-triazolo[1,5-c]; pyrimidine-2-sulfonanilide)	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (fluroxypyr-meptyl (ISO); methylheptyl, O-(4-amino-3,5-dichloro-6-fluoro-2-pyridyloxy) acetate; florasulam (ISO); 2',6',8-trifluoro-5-methoxy-5-triazolo[1,5-c]; pyrimidine-2-sulfonanilide)	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (fluroxypyr-meptyl (ISO); methylheptyl, O-(4-amino-3,5-dichloro-6-fluoro-2-pyridyloxy) acetate; florasulam (ISO); 2',6',8-trifluoro-5-methoxy-5-triazolo[1,5-c]; pyrimidine-2-sulfonanilide)
<b>Transport document description</b>				
UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S., (fluroxypyr-meptyl (ISO); methylheptyl, O-(4-amino-3,5-dichloro-6-fluoro-2-pyridyloxy) acetate; florasulam (ISO); 2',6',8-trifluoro-5-methoxy-5-triazolo[1,5-c]; pyrimidine-2-sulfonanilide), 9, III, (-)	UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S., (fluroxypyr-meptyl (ISO); methylheptyl, O-(4-amino-3,5-dichloro-6-fluoro-2-pyridyloxy) acetate; florasulam (ISO); 2',6',8-trifluoro-5-methoxy-5-triazolo[1,5-c]; pyrimidine-2-sulfonanilide), 9, III, MARINE POLLUTANT	UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S., (fluroxypyr-meptyl (ISO); methylheptyl, O-(4-amino-3,5-dichloro-6-fluoro-2-pyridyloxy) acetate; florasulam (ISO); 2',6',8-trifluoro-5-methoxy-5-triazolo[1,5-c]; pyrimidine-2-sulfonanilide), 9, III,	UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S., (fluroxypyr-meptyl (ISO); methylheptyl, O-(4-amino-3,5-dichloro-6-fluoro-2-pyridyloxy) acetate; florasulam (ISO); 2',6',8-trifluoro-5-methoxy-5-triazolo[1,5-c]; pyrimidine-2-sulfonanilide), 9, III,	UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S., (fluroxypyr-meptyl (ISO); methylheptyl, O-(4-amino-3,5-dichloro-6-fluoro-2-pyridyloxy) acetate; florasulam (ISO); 2',6',8-trifluoro-5-methoxy-5-triazolo[1,5-c]; pyrimidine-2-sulfonanilide), 9, III,
<b>14.3. Transport hazard class(es)</b>				
9	9	9	9	9
				
<b>14.4. Packing group</b>				
III	III	III	III	III
<b>14.5. Environmental hazards</b>				
Dangerous for the environment: Yes	Dangerous for the environment: Yes Marine pollutant: Yes	Dangerous for the environment: Yes	Dangerous for the environment: Yes	Dangerous for the environment: Yes
No supplementary information available				


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### 14.6. Special precautions for user

#### Overland transport

Classification code (ADR)	: M6
Special provisions (ADR)	: 274, 335, 375, 601
Limited quantities (ADR)	: 5I
Excepted quantities (ADR)	: E1
Packing instructions (ADR)	: P001, IBC03, LP01, R001
Special packing provisions (ADR)	: PP1
Mixed packing provisions (ADR)	: MP19
Portable tank and bulk container instructions (ADR)	: T4
Portable tank and bulk container special provisions (ADR)	: TP1, TP29
Tank code (ADR)	: LGBV
Vehicle for tank carriage	: AT
Transport category (ADR)	: 3
Special provisions for carriage - Packages (ADR)	: V12
Special provisions for carriage - Loading, unloading and handling (ADR)	: CV13
Hazard identification number (Kemler No.)	: 90
Orange plates	: 

Tunnel restriction code (ADR)

: -

#### Transport by sea

Special provisions (IMDG)	: 274, 335, 969
Limited quantities (IMDG)	: 5 L
Excepted quantities (IMDG)	: E1
Packing instructions (IMDG)	: LP01, P001
Special packing provisions (IMDG)	: PP1
IBC packing instructions (IMDG)	: IBC03
Tank instructions (IMDG)	: T4
Tank special provisions (IMDG)	: TP2, TP29
EmS-No. (Fire)	: F-A
EmS-No. (Spillage)	: S-F
Stowage category (IMDG)	: A

#### Air transport

PCA Excepted quantities (IATA)	: E1
PCA Limited quantities (IATA)	: Y964
PCA limited quantity max net quantity (IATA)	: 30kgG
PCA packing instructions (IATA)	: 964
PCA max net quantity (IATA)	: 450L
CAO packing instructions (IATA)	: 964
CAO max net quantity (IATA)	: 450L
Special provisions (IATA)	: A97, A158, A197
ERG code (IATA)	: 9L

#### Inland waterway transport

Classification code (ADN)	: M6
Special provisions (ADN)	: 274, 335, 375, 601
Limited quantities (ADN)	: 5 L
Excepted quantities (ADN)	: E1
Carriage permitted (ADN)	: T
Equipment required (ADN)	: PP
Number of blue cones/lights (ADN)	: 0

#### Rail transport

Classification code (RID)	: M6
Special provisions (RID)	: 274, 335, 375, 601
Limited quantities (RID)	: 5L
Excepted quantities (RID)	: E1
Packing instructions (RID)	: P001, IBC03, LP01, R001
Special packing provisions (RID)	: PP1
Mixed packing provisions (RID)	: MP19
Portable tank and bulk container instructions (RID)	: T4

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according to Regulation (EU) 2015/830

Portable tank and bulk container special provisions (RID)	: TP1, TP29
Tank codes for RID tanks (RID)	: LGBV
Transport category (RID)	: 3
Special provisions for carriage – Packages (RID)	: W12
Special provisions for carriage - Loading, unloading and handling (RID)	: CW13, CW31
Colis express (express parcels) (RID)	: CE8
Hazard identification number (RID)	: 90

### 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

#### 15.1.1. EU-Regulations

Contains no REACH substances with Annex XVII restrictions.

Contains no substance on the REACH candidate list.

Contains no REACH Annex XIV substances.

Contains no substance subject to Regulation (EU) No 649/2012 of the European Parliament and of the Council of 4 July 2012 concerning the export and import of hazardous chemicals.

Contains no substance subject to Regulation (EU) No 2019/1021 of the European Parliament and of the Council of 20 June 2019 on persistent organic pollutants.

Contains no substance subject to REGULATION (EU) No 1005/2009 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 16 September 2009 on substances that deplete the ozone layer.

Contains no substance subject to Regulation (EU) 2019/1148 of the European Parliament and of the Council of 20 June 2019 on the marketing and use of explosives precursors.

Other information, restriction and prohibition regulations : according to Regulation (EU) 2015/830.

Contains no substance subject to Regulation (EC) 273/2004 of the European Parliament and of the Council of 11 February 2004 on the manufacture and the placing on market of certain substances used in the illicit manufacture of narcotic drugs and psychotropic substances.

#### 15.1.2. National regulations

Refer to protective measures listed in Sections 7 and 8

### 15.2. Chemical safety assessment

Refer to protective measures listed in Sections 7 and 8

## SECTION 16: Other information

### Full text of H- and EUH-statements:

Acute Tox. 4 (Dermal)	Acute toxicity (dermal), Category 4
Aquatic Acute 1	Hazardous to the aquatic environment — Acute Hazard, Category 1
Aquatic Chronic 1	Hazardous to the aquatic environment — Chronic Hazard, Category 1
Aquatic Chronic 2	Hazardous to the aquatic environment — Chronic Hazard, Category 2
Asp. Tox. 1	Aspiration hazard, Category 1
EUH401	To avoid risks to human health and the environment, comply with the instructions for use.
Eye Dam. 1	Serious eye damage/eye irritation, Category 1
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.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H332	Harmful if inhaled.
H335	May cause respiratory irritation.

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according to Regulation (EU) 2015/830

H336	May cause drowsiness or dizziness.
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.
Skin Irrit. 2	Skin corrosion/irritation, Category 2
Skin Sens. 1	Skin sensitisation, Category 1
STOT SE 3	Specific target organ toxicity — Single exposure, Category 3, Narcosis

### Other data

Date of issue: 21/12/2021  
Version: 1.0/IE (eng)  
Replaces: -  
Indication of changes: -

SDS EU (REACH Annex II)

*This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.*