

**490100200 - GLUSHU QUICK PREFIX ACTIVATOR  
200 ML**



Printing: 01/10/2024 Date of compilation: 31/10/2023 Version: 1

**SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING**

**1.1 Product identifier:** 490100200 - GLUSHU QUICK PREFIX ACTIVATOR  
200 ML

**Other means of identification:**

**UFI:** 6GY8-KU1G-XNJ2-G89V

**1.2 Relevant identified uses of the substance or mixture and uses advised against:**

Relevant uses: Animal care product: Activator for glue. For professional users only.

Uses advised against: All uses not specified in this section or in section 7.3

**1.3 Details of the supplier of the safety data sheet:**

Glue-U Adhesives B.V.  
Droogdokkeneiland 8  
5026 SR Tilburg - The Netherlands  
Phone: +31 (0)13 545 31 18  
info@glue-u.com  
www.glue-u.com

**1.4 Emergency telephone number:** +31 (0)6 24533395 Mon-Fri 08-17

**SECTION 2: HAZARDS IDENTIFICATION**

**2.1 Classification of the substance or mixture:**

**CLP Regulation (EC) No 1272/2008:**

Classification of this product has been carried out in accordance with CLP Regulation (EC) No 1272/2008.

Aerosol 1: Pressurised container: May burst if heated., H229

Aerosol 1: Flammable aerosols, Category 1, H222

Aquatic Chronic 2: Hazardous to the aquatic environment, long-term hazard, Category 2, H411

Skin Irrit. 2: Skin irritation, Category 2, H315

STOT SE 3: Specific toxicity causing drowsiness and dizziness, single exposure, Category 3, H336

**2.2 Label elements:**

**CLP Regulation (EC) No 1272/2008:**

Danger



**Hazard statements:**

Aerosol 1: H229 - Pressurised container: May burst if heated.

Aerosol 1: H222 - Extremely flammable aerosol.

Aquatic Chronic 2: H411 - Toxic to aquatic life with long lasting effects.

Skin Irrit. 2: H315 - Causes skin irritation.

STOT SE 3: H336 - May cause drowsiness or dizziness.

**Precautionary statements:**

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

P211: Do not spray on an open flame or other ignition source.

P251: Do not pierce or burn, even after use.

P280: Wear protective gloves/protective clothing/respiratory protection/eye protection/protective footwear.

P410+P412: Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122°F

P501: Dispose of contents/container in accordance with regulations on hazardous waste or packaging and packaging waste respectively.

**Substances that contribute to the classification**

Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclics, <5% n-hexane; Hydrocarbons, C6, isoalkanes, <5% n-hexane

**UFI:** 6GY8-KU1G-XNJ2-G89V

**2.3 Other hazards:**

Product fails to meet PBT/vPvB criteria

Endocrine-disrupting properties: The product fails to meet the criteria.

**490100200 - GLUSHU QUICK PREFIX ACTIVATOR  
200 ML**



Printing: 01/10/2024

Date of compilation: 31/10/2023

Version: 1

**SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS**

**3.1 Substance:**

Non-applicable

**3.2 Mixture:**

**Chemical description:** Aromatic Hydrocarbons

**Components:**

In accordance with Annex II of Regulation (EC) No 1907/2006 (point 3), the product contains:

Identification	Chemical name/Classification	Concentration
CAS: Non-applicable EC: 921-024-6 Index: Non-applicable REACH: 01-2119475514-35-XXXX	<b>Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclics, &lt;5% n-hexane</b> <sup>1</sup> Regulation 1272/2008 Aquatic Chronic 2: H411; Asp. Tox. 1: H304; Flam. Liq. 2: H225; Skin Irrit. 2: H315; STOT SE 3: H336 - Danger	Self-classified 40 - <65 %
CAS: 68476-85-7 EC: 270-704-2 Index: 649-202-00-6 REACH: 01-2119485911-31-XXXX	<b>Petroleum gases, liquefied</b> <sup>1</sup> Regulation 1272/2008 Carc. 1B: H350; Flam. Gas 1A: H220; Muta. 1B: H340; Press. Gas: H280 - Danger	ATP ATP01 20 - <40 %
CAS: 64742-49-0 EC: 931-254-9 Index: Non-applicable REACH: 01-2119484651-34-XXXX	<b>Hydrocarbons, C6, isoalkanes, &lt;5% n-hexane</b> <sup>1</sup> Regulation 1272/2008 Aquatic Chronic 2: H411; Asp. Tox. 1: H304; Flam. Liq. 2: H225; Skin Irrit. 2: H315; STOT SE 3: H336 - Danger	Self-classified 5 - <20 %
CAS: 99-97-8 EC: 202-805-4 Index: 612-056-00-9 REACH: 01-2119937766-23-XXXX	<b>N,N-dimethyl-p-toluidine</b> <sup>1</sup> Regulation 1272/2008 Acute Tox. 3: H301+H311+H331; Aquatic Chronic 3: H412; STOT RE 2: H373 - Danger	ATP CLP00 0,3 - <1 %
CAS: 78-78-4 EC: 201-142-8 Index: 601-085-00-2 REACH: 01-2119548407-34-XXXX	<b>isopentane</b> <sup>2</sup> Regulation 1272/2008 Aquatic Chronic 2: H411; Asp. Tox. 1: H304; Flam. Liq. 1: H224; STOT SE 3: H336; EUH066 - Danger	ATP CLP00 0,1 - <0,3 %

<sup>1</sup> Substances presenting a health or environmental hazard which meet criteria laid down in Regulation (EU) No. 2020/878

<sup>2</sup> Substance with a Union workplace exposure limit

To obtain more information on the hazards of the substances consult sections 11, 12 and 16.

**SECTION 4: FIRST AID MEASURES**

**4.1 Description of first aid measures:**

The symptoms resulting from intoxication can appear after exposure, therefore, in case of doubt, seek medical attention for direct exposure to the chemical product or persistent discomfort, showing the SDS of this product.

**By inhalation:**

Remove the person affected from the area of exposure, provide with fresh air and keep at rest. In serious cases such as cardiorespiratory failure, artificial resuscitation techniques will be necessary (mouth to mouth resuscitation, cardiac massage, oxygen supply, etc.) requiring immediate medical assistance.

**By skin contact:**

Remove contaminated clothing and footwear, rinse skin or shower the person affected if appropriate with plenty of cold water and neutral soap. In serious cases see a doctor. If the product causes burns or freezing, clothing should not be removed as this could worsen the injury caused if it is stuck to the skin. If blisters form on the skin, these should never be burst as this will increase the risk of infection.

**By eye contact:**

Rinse eyes thoroughly with water for at least 15 minutes. If the injured person uses contact lenses, these should be removed unless they are stuck to the eyes, in which case removal could cause further damage. In all cases, after cleaning, a doctor should be consulted as quickly as possible with the SDS for the product.

**By ingestion/aspiration:**

Do not induce vomiting, but if it does happen keep the head down to avoid aspiration. Keep the person affected at rest. Rinse out the mouth and throat, as they may have been affected during ingestion.

**4.2 Most important symptoms and effects, both acute and delayed:**

Acute and delayed effects are indicated in sections 2 and 11.

**4.3 Indication of any immediate medical attention and special treatment needed:**

Non-applicable

- CONTINUED ON NEXT PAGE -



## SECTION 5: FIREFIGHTING MEASURES

### 5.1 Extinguishing media:

#### Suitable extinguishing media:

If possible use polyvalent powder fire extinguishers (ABC powder), alternatively use foam or carbon dioxide extinguishers (CO<sub>2</sub>).

#### Unsuitable extinguishing media:

IT IS RECOMMENDED NOT to use full jet water as an extinguishing agent.

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

As a result of combustion or thermal decomposition reactive sub-products are created that can become highly toxic and, consequently, can present a serious health risk.

### 5.3 Advice for firefighters:

Depending on the magnitude of the fire it may be necessary to use full protective clothing and self-contained breathing apparatus (SCBA). Minimum emergency facilities and equipment should be available (fire blankets, portable first aid kit,...) in accordance with Directive 89/654/EC.

#### Additional provisions:

Act in accordance with the Internal Emergency Plan and the Information Sheets on actions to take after an accident or other emergencies. Eliminate all sources of ignition. In case of fire, cool the storage containers and tanks for products susceptible to combustion, explosion or BLEVE as a result of high temperatures. Avoid spillage of the products used to extinguish the fire into an aqueous medium.

## SECTION 6: ACCIDENTAL RELEASE MEASURES

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

#### For non-emergency personnel:

Isolate leaks provided that there is no additional risk for the people performing this task. Evacuate the area and keep out those without protection. Personal protection equipment must be used against potential contact with the spilled product (See section 8). Above all prevent the formation of any vapour-air flammable mixtures, through either ventilation or the use of an inert medium. Remove any source of ignition. Eliminate electrostatic charges by interconnecting all the conductive surfaces on which static electricity could form, and also ensuring that all surfaces are connected to the ground.

#### For emergency responders:

Wear protective equipment. Keep unprotected persons away. See section 8.

### 6.2 Environmental precautions:

Avoid at all cost any type of spillage into an aqueous medium. Contain the product absorbed appropriately in hermetically sealed containers. Notify the relevant authority in case of exposure to the general public or the environment.

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

It is recommended:

Absorb the spillage using sand or inert absorbent and move it to a safe place. Do not absorb in sawdust or other combustible absorbents. For any concern related to disposal consult section 13.

### 6.4 Reference to other sections:

See sections 8 and 13.

## SECTION 7: HANDLING AND STORAGE

### 7.1 Precautions for safe handling:

#### A.- General precautions for safe use

Comply with the current legislation concerning the prevention of industrial risks. Keep containers hermetically sealed. Control spills and residues, destroying them with safe methods (section 6). Avoid leakages from the container. Maintain order and cleanliness where dangerous products are used.

#### B.- Technical recommendations for the prevention of fires and explosions

Avoid the evaporation of the product as it contains flammable substances, which could form flammable vapour/air mixtures in the presence of sources of ignition. Control sources of ignition (mobile phones, sparks,...) and transfer at slow speeds to avoid the creation of electrostatic charges. Consult section 10 for conditions and materials that should be avoided.

#### C.- Technical recommendations on general occupational hygiene

**490100200 - GLUSHU QUICK PREFIX ACTIVATOR  
200 ML**



Printing: 01/10/2024

Date of compilation: 31/10/2023

Version: 1

**SECTION 7: HANDLING AND STORAGE (continued)**

Do not eat or drink during the process, washing hands afterwards with suitable cleaning products.

D.- Technical recommendations to prevent environmental risks

Due to the danger of this product for the environment it is recommended to use it within an area containing contamination control barriers in case of spillage, as well as having absorbent material in close proximity.

**7.2 Conditions for safe storage, including any incompatibilities:**

A.- Technical measures for storage

Minimum Temp.: 10 °C

Maximum Temp.: 35 °C

Maximum time: 60 Months

B.- General conditions for storage

Avoid sources of heat, radiation, static electricity and contact with food. For additional information see subsection 10.5

**7.3 Specific end use(s):**

Except for the instructions already specified it is not necessary to provide any special recommendation regarding the uses of this product.

**SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION**

**8.1 Control parameters:**

Substances whose occupational exposure limits have to be monitored in the workplace (European OEL, not country-specific legislation):

Directive (EU) 2000/39, Directive 2004/37/EC, Directive (EU) 2006/15, Directive (EU) 2009/161, Directive (EU) 2017/164, Directive (EU) 2019/1831:

Identification	Occupational exposure limits	
	IOELV (8h)	IOELV (STEL)
isopentane CAS: 78-78-4 EC: 201-142-8	1000 ppm	3000 mg/m <sup>3</sup>

**DNEL (Workers):**

Identification		Short exposure		Long exposure	
		Systemic	Local	Systemic	Local
Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclics, <5% n-hexane CAS: Non-applicable EC: 921-024-6	Oral	Non-applicable	Non-applicable	Non-applicable	Non-applicable
	Dermal	Non-applicable	Non-applicable	773 mg/kg	Non-applicable
	Inhalation	Non-applicable	Non-applicable	2035 mg/m <sup>3</sup>	Non-applicable
Petroleum gases, liquefied CAS: 68476-85-7 EC: 270-704-2	Oral	Non-applicable	Non-applicable	Non-applicable	Non-applicable
	Dermal	Non-applicable	Non-applicable	23,4 mg/kg	Non-applicable
	Inhalation	Non-applicable	Non-applicable	Non-applicable	Non-applicable
Hydrocarbons, C6, isoalkanes, <5% n-hexane CAS: 64742-49-0 EC: 931-254-9	Oral	Non-applicable	Non-applicable	Non-applicable	Non-applicable
	Dermal	Non-applicable	Non-applicable	13964 mg/kg	Non-applicable
	Inhalation	Non-applicable	Non-applicable	5306 mg/m <sup>3</sup>	Non-applicable
N,N-dimethyl-p-toluidine CAS: 99-97-8 EC: 202-805-4	Oral	Non-applicable	Non-applicable	Non-applicable	Non-applicable
	Dermal	Non-applicable	Non-applicable	0,694 mg/kg	Non-applicable
	Inhalation	Non-applicable	Non-applicable	1,224 mg/m <sup>3</sup>	Non-applicable
isopentane CAS: 78-78-4 EC: 201-142-8	Oral	Non-applicable	Non-applicable	Non-applicable	Non-applicable
	Dermal	Non-applicable	Non-applicable	432 mg/kg	Non-applicable
	Inhalation	Non-applicable	Non-applicable	3000 mg/m <sup>3</sup>	Non-applicable

**DNEL (General population):**

Identification		Short exposure		Long exposure	
		Systemic	Local	Systemic	Local
Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclics, <5% n-hexane CAS: Non-applicable EC: 921-024-6	Oral	Non-applicable	Non-applicable	699 mg/kg	Non-applicable
	Dermal	Non-applicable	Non-applicable	699 mg/kg	Non-applicable
	Inhalation	Non-applicable	Non-applicable	608 mg/m <sup>3</sup>	Non-applicable

**490100200 - GLUSHU QUICK PREFIX ACTIVATOR  
200 ML**



Printing: 01/10/2024

Date of compilation: 31/10/2023

Version: 1

**SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION (continued)**

Identification		Short exposure		Long exposure	
		Systemic	Local	Systemic	Local
Hydrocarbons, C6, isoalkanes, <5% n-hexane	Oral	Non-applicable	Non-applicable	1301 mg/kg	Non-applicable
CAS: 64742-49-0	Dermal	Non-applicable	Non-applicable	1377 mg/kg	Non-applicable
EC: 931-254-9	Inhalation	Non-applicable	Non-applicable	1131 mg/m <sup>3</sup>	Non-applicable
N,N-dimethyl-p-toluidine	Oral	Non-applicable	Non-applicable	0,174 mg/kg	Non-applicable
CAS: 99-97-8	Dermal	Non-applicable	Non-applicable	0,347 mg/kg	Non-applicable
EC: 202-805-4	Inhalation	Non-applicable	Non-applicable	0,302 mg/m <sup>3</sup>	Non-applicable
isopentane	Oral	Non-applicable	Non-applicable	214 mg/kg	Non-applicable
CAS: 78-78-4	Dermal	Non-applicable	Non-applicable	214 mg/kg	Non-applicable
EC: 201-142-8	Inhalation	Non-applicable	Non-applicable	643 mg/m <sup>3</sup>	Non-applicable

**PNEC:**

Identification				
N,N-dimethyl-p-toluidine	STP	1,36 mg/L	Fresh water	0,014 mg/L
CAS: 99-97-8	Soil	20,365 mg/kg	Marine water	0,001 mg/L
EC: 202-805-4	Intermittent	0,137 mg/L	Sediment (Fresh water)	48,245 mg/kg
	Oral	Non-applicable	Sediment (Marine water)	48,245 mg/kg

**8.2 Exposure controls:**

**A.- Individual protection measures, such as personal protective equipment**

As a preventative measure it is recommended to use basic Personal Protective Equipment, with the corresponding <<CE marking>> in accordance with Regulation (EU) 2016/425. For more information on Personal Protective Equipment (storage, use, cleaning, maintenance, class of protection,...) consult the information leaflet provided by the manufacturer. For more information see subsection 7.1. All information contained herein is a recommendation which needs some specification from the labour risk prevention services as it is not known whether the company has additional measures at its disposal.

**B.- Respiratory protection**

Pictogram	PPE	Labelling	CEN Standard	Remarks
	Filter mask for gases, vapours and particles (Filter type: A2)		EN 149:2001+A1:2009 EN 405:2002+A1:2010 EN ISO 136:1998	Replace when an increase in resistance to breathing is observed and/or a smell or taste of the contaminant is detected.

**C.- Specific protection for the hands**

Pictogram	PPE	Labelling	CEN Standard	Remarks
	Protective gloves against minor risks (Material: Nitrile, Breakthrough time: > 480 min, Thickness: 0.4 mm)			Replace gloves in case of any sign of damage. For prolonged periods of exposure to the product for professional users/industrials, we recommend using CE III gloves in line with standards EN 420:2004+A1:2010 and EN ISO 374-1:2016+A1:2018

As the product is a mixture of several substances, the resistance of the glove material can not be calculated in advance with total reliability and has therefore to be checked prior to the application.

**D.- Eye and face protection**

Pictogram	PPE	Labelling	CEN Standard	Remarks
	Panoramic glasses against splash/projections.		EN 166:2002 EN ISO 4007:2018	Clean daily and disinfect periodically according to the manufacturer's instructions. Use if there is a risk of splashing.

**E.- Body protection**

Pictogram	PPE	Labelling	CEN Standard	Remarks
	Antistatic and fireproof protective clothing		EN 1149-1:2006 EN 1149-2:1997 EN 1149-3:2004 EN 168:2002 EN ISO 14116:2015 EN 1149-5:2018	Limited protection against flames.

- CONTINUED ON NEXT PAGE -

**490100200 - GLUSHU QUICK PREFIX ACTIVATOR  
200 ML**





Printing: 01/10/2024

Date of compilation: 31/10/2023

Version: 1

**SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION (continued)**

Pictogram	PPE	Labelling	CEN Standard	Remarks
 Mandatory foot protection	Safety footwear with antistatic and heat resistant properties		EN ISO 13287:2020 EN ISO 20345:2011	Replace boots at any sign of deterioration.

**F.- Additional emergency measures**

Emergency measure	Standards	Emergency measure	Standards
 Emergency shower	ANSI Z358-1 ISO 3864-1:2011, ISO 3864-4:2011	 Eyewash stations	DIN 12 899 ISO 3864-1:2011, ISO 3864-4:2011

**Environmental exposure controls:**

In accordance with the community legislation for the protection of the environment it is recommended to avoid environmental spillage of both the product and its container. For additional information see subsection 7.1.D

**Volatile organic compounds:**

With regard to Directive 2010/75/EU, this product has the following characteristics:

V.O.C. (Supply):	70,3 % weight
V.O.C. density at 20 °C:	Non-applicable
Average carbon number:	6,75
Average molecular weight:	95,18 g/mol

**SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**

**9.1 Information on basic physical and chemical properties:**

For complete information see the product datasheet.

**Appearance:**

Physical state at 20 °C:	Aerosol
Appearance:	Not available
Colour:	Colourless
Odour:	Characteristic
Odour threshold:	Non-applicable *

**Volatility:**

Boiling point at atmospheric pressure:	-40 °C (Propellant)
Vapour pressure at 20 °C:	Non-applicable *
Vapour pressure at 50 °C:	Non-applicable *
Evaporation rate at 20 °C:	Non-applicable *

**Product description:**

Density at 20 °C:	Non-applicable *
Relative density at 20 °C:	0,71
Dynamic viscosity at 20 °C:	Non-applicable *
Kinematic viscosity at 20 °C:	>36 mm <sup>2</sup> /s
Kinematic viscosity at 40 °C:	Non-applicable *
Concentration:	Non-applicable *
pH:	Non-applicable *
Vapour density at 20 °C:	Non-applicable *
Partition coefficient n-octanol/water 20 °C:	Non-applicable *

\*Not relevant due to the nature of the product, not providing information property of its hazards.

- CONTINUED ON NEXT PAGE -

**490100200 - GLUSHU QUICK PREFIX ACTIVATOR  
200 ML**



Printing: 01/10/2024 Date of compilation: 31/10/2023 Version: 1

**SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES (continued)**

Solubility in water at 20 °C:	Non-applicable *
Solubility properties:	Non-applicable *
Decomposition temperature:	Non-applicable *
Melting point/freezing point:	Non-applicable *
Recipient pressure:	Non-applicable *
<b>Flammability:</b>	
Flash Point:	Non-applicable
Flammability (solid, gas):	Non-applicable *
Autoignition temperature:	410 °C (Propellant)
Lower flammability limit:	Non-applicable *
Upper flammability limit:	9,5 % Volume
<b>Particle characteristics:</b>	
Median equivalent diameter:	Non-applicable

**9.2 Other information:**

**Information with regard to physical hazard classes:**

Explosive properties:	Non-applicable *
Oxidising properties:	Non-applicable *
Corrosive to metals:	Non-applicable *
Heat of combustion:	Non-applicable *
Aerosols-total percentage (by mass) of flammable components:	Non-applicable *
<b>Other safety characteristics:</b>	
Surface tension at 20 °C:	Non-applicable *
Refraction index:	Non-applicable *

\*Not relevant due to the nature of the product, not providing information property of its hazards.

**SECTION 10: STABILITY AND REACTIVITY**

**10.1 Reactivity:**

No hazardous reactions are expected because the product is stable under recommended storage conditions. See section 7.

**10.2 Chemical stability:**

Chemically stable under the indicated conditions of storage, handling and use.

**10.3 Possibility of hazardous reactions:**

Under the specified conditions, hazardous reactions that lead to excessive temperatures or pressure are not expected.

**10.4 Conditions to avoid:**

Applicable for handling and storage at room temperature:

Shock and friction	Contact with air	Increase in temperature	Sunlight	Humidity
Not applicable	Not applicable	Risk of combustion	Avoid direct impact	Not applicable

**10.5 Incompatible materials:**

Acids	Water	Oxidising materials	Combustible materials	Others
Avoid strong acids	Not applicable	Avoid direct impact	Not applicable	Avoid alkalis or strong bases

**10.6 Hazardous decomposition products:**

See subsection 10.3, 10.4 and 10.5 to find out the specific decomposition products. Depending on the decomposition conditions, complex mixtures of chemical substances can be released: carbon dioxide (CO<sub>2</sub>), carbon monoxide and other organic compounds.

**490100200 - GLUSHU QUICK PREFIX ACTIVATOR  
200 ML**



Printing: 01/10/2024 Date of compilation: 31/10/2023 Version: 1

**SECTION 11: TOXICOLOGICAL INFORMATION**

**11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008:**

The experimental information related to the toxicological properties of the product itself is not available

**Dangerous health implications:**

In case of exposure that is repetitive, prolonged or at concentrations higher than the recommended occupational exposure limits, adverse effects on health may result, depending on the means of exposure:

A- Ingestion (acute effect):

- Acute toxicity : Based on available data, the classification criteria are not met, however, it contains substances classified as dangerous for consumption. For more information see section 3.
- Corrosivity/Irritability: The consumption of a considerable dose can cause irritation in the throat, abdominal pain, nausea and vomiting.

B- Inhalation (acute effect):

- Acute toxicity : Based on available data, the classification criteria are not met. However, it contains substances classified as hazardous for inhalation. For more information see section 3.
- Corrosivity/Irritability: Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for this effect. For more information see section 3.

C- Contact with the skin and the eyes (acute effect):

- Contact with the skin: Produces skin inflammation.
- Contact with the eyes: Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for this effect. For more information see section 3.

D- CMR effects (carcinogenicity, mutagenicity and toxicity to reproduction):

- Carcinogenicity: Based on available data, the classification criteria are not met. However, it contains substances classified as dangerous with carcinogenic effects. For more information see section 3.  
IARC: Hydrocarbons, C6, isoalkanes, <5% n-hexane (3); N,N-dimethyl-p-toluidine (2B)
- Mutagenicity: Based on available data, the classification criteria are not met. However, it contains substances classified as dangerous with mutagenic effects. For more information see section 3.
- Reproductive toxicity: Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for this effect. For more information see section 3.

E- Sensitizing effects:

- Respiratory: Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous with sensitising effects. For more information see section 3.
- Skin: Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for this effect. For more information see section 3.

F- Specific target organ toxicity (STOT) - single exposure:

Exposure in high concentration can interfere with the central nervous system causing headache, dizziness, vertigo, nausea, vomiting, confusion, and in serious cases, loss of consciousness.

G- Specific target organ toxicity (STOT)-repeated exposure:

- Specific target organ toxicity (STOT)-repeated exposure: Based on available data, the classification criteria are not met. However, it does contain substances which are classified as dangerous due to repetitive exposure. For more information see section 3.
- Skin: Based on available data, the classification criteria are not met. However, it does contain substances which are classified as dangerous due to repetitive exposure. For more information see section 3.

H- Aspiration hazard:

Based on available data, the classification criteria are not met. However, it does contain substances classified as hazardous for this effect. For more information see section 3.

**Other information:**

Non-applicable

**Specific toxicology information on the substances:**

Identification		Acute toxicity	Genus
Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclics, <5% n-hexane	LD50 oral	5840 mg/kg	Rat
CAS: Non-applicable	LD50 dermal	2920 mg/kg	Rat
EC: 921-024-6	LC50 inhalation	>20 mg/L	



**490100200 - GLUSHU QUICK PREFIX ACTIVATOR  
200 ML**



Printing: 01/10/2024

Date of compilation: 31/10/2023

Version: 1

**SECTION 11: TOXICOLOGICAL INFORMATION (continued)**

Identification		Acute toxicity		Genus
Petroleum gases, liquefied	LD50 oral	>2000 mg/kg		
CAS: 68476-85-7	LD50 dermal	>2000 mg/kg		
EC: 270-704-2	LC50 inhalation	>5 mg/L		
Hydrocarbons, C6, isoalkanes, <5% n-hexane	LD50 oral	>2000 mg/kg		
CAS: 64742-49-0	LD50 dermal	>2000 mg/kg		
EC: 931-254-9	LC50 inhalation	>20 mg/L		
N,N-dimethyl-p-toluidine	LD50 oral	100 mg/kg (ATEi)		
CAS: 99-97-8	LD50 dermal	300 mg/kg (ATEi)		
EC: 202-805-4	LC50 inhalation	3 mg/L (ATEi)		
isopentane	LD50 oral	>2000 mg/kg		
CAS: 78-78-4	LD50 dermal	>2000 mg/kg		
EC: 201-142-8	LC50 inhalation	>20 mg/L		

**Acute Toxicity Estimate (ATE mix):**

	ATE mix	Ingredient(s) of unknown toxicity
Oral	11111,11 mg/kg (Calculation method)	0 %
Dermal	33333,33 mg/kg (Calculation method)	0 %
Inhalation	333,33 mg/L (4 h) (Calculation method)	0 %

**11.2 Information on other hazards:**

**Endocrine disrupting properties**

Endocrine-disrupting properties: The product fails to meet the criteria.

**Other information**

Non-applicable

**SECTION 12: ECOLOGICAL INFORMATION**

The experimental information related to the eco-toxicological properties of the product itself is not available

**12.1 Toxicity:**

**Acute toxicity:**

Identification		Concentration	Species	Genus
Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclics, <5% n-hexane	LC50	5,1 mg/L (96 h)	Oncorhynchus mykiss	Fish
CAS: Non-applicable	EC50	Non-applicable		
EC: 921-024-6	EC50	Non-applicable		
Hydrocarbons, C6, isoalkanes, <5% n-hexane	LC50	Non-applicable		
CAS: 64742-49-0	EC50	3,87 mg/L (48 h)	Daphnia magna	Crustacean
EC: 931-254-9	EC50	55 mg/L (72 h)	Scenedesmus subspicatus	Algae
N,N-dimethyl-p-toluidine	LC50	49 mg/L (96 h)	Pimephales promelas	Fish
CAS: 99-97-8	EC50	Non-applicable		
EC: 202-805-4	EC50	Non-applicable		
isopentane	LC50	3,1 mg/L (96 h)	Oncorhynchus mykiss	Fish
CAS: 78-78-4	EC50	2,3 mg/L (48 h)	Daphnia magna	Crustacean
EC: 201-142-8	EC50	Non-applicable		

**Chronic toxicity:**

Identification		Concentration	Species	Genus
Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclics, <5% n-hexane	NOEC	Non-applicable		
CAS: Non-applicable EC: 921-024-6	NOEC	0,17 mg/L	Daphnia magna	Crustacean

**12.2 Persistence and degradability:**

**Substance-specific information:**

- CONTINUED ON NEXT PAGE -

**490100200 - GLUSHU QUICK PREFIX ACTIVATOR  
200 ML**



Printing: 01/10/2024 Date of compilation: 31/10/2023 Version: 1

**SECTION 12: ECOLOGICAL INFORMATION (continued)**

Identification	Degradability		Biodegradability	
Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclics, <5% n-hexane	BOD5	Non-applicable	Concentration	Non-applicable
CAS: Non-applicable	COD	Non-applicable	Period	28 days
EC: 921-024-6	BOD5/COD	Non-applicable	% Biodegradable	98 %
Hydrocarbons, C6, isoalkanes, <5% n-hexane	BOD5	Non-applicable	Concentration	100 mg/L
CAS: 64742-49-0	COD	Non-applicable	Period	28 days
EC: 931-254-9	BOD5/COD	Non-applicable	% Biodegradable	98 %

**12.3 Bioaccumulative potential:**

**Substance-specific information:**

Identification	Bioaccumulation potential	
Hydrocarbons, C6, isoalkanes, <5% n-hexane	BCF	501
CAS: 64742-49-0	Pow Log	3.6
EC: 931-254-9	Potential	High
isopentane	BCF	70
CAS: 78-78-4	Pow Log	2.72
EC: 201-142-8	Potential	Moderate

**12.4 Mobility in soil:**

Identification	Absorption/desorption		Volatility	
isopentane	Koc	520	Henry	141855 Pa·m <sup>3</sup> /mol
CAS: 78-78-4	Conclusion	Low	Dry soil	Yes
EC: 201-142-8	Surface tension	1,445E-2 N/m (25 °C)	Moist soil	Yes

**12.5 Results of PBT and vPvB assessment:**

Product fails to meet PBT/vPvB criteria

**12.6 Endocrine disrupting properties:**

Endocrine-disrupting properties: The product fails to meet the criteria.

**12.7 Other adverse effects:**

Not described

**SECTION 13: DISPOSAL CONSIDERATIONS**

**13.1 Waste treatment methods:**

Code	Description	Waste class (Regulation (EU) No 1357/2014)
16 05 04*	gases in pressure containers (including halons) containing hazardous substances	Dangerous

**Type of waste (Regulation (EU) No 1357/2014):**

HP14 Ecotoxic, HP3 Flammable, HP5 Specific Target Organ Toxicity (STOT)/Aspiration Toxicity, HP7 Carcinogenic, HP11 Mutagenic, HP4 Irritant — skin irritation and eye damage

**Waste management (disposal and evaluation):**

Consult the authorized waste service manager on the assessment and disposal operations in accordance with Annex 1 and Annex 2 (Directive 2008/98/EC). As under 15 01 (2014/955/EC) of the code and in case the container has been in direct contact with the product, it will be processed the same way as the actual product. Otherwise, it will be processed as non-dangerous residue. Waste should not be disposed of to drains. See paragraph 6.2.

**Regulations related to waste management:**

In accordance with Annex II of Regulation (EC) No 1907/2006 (REACH) the community or state provisions related to waste management are stated

Community legislation: Directive 2008/98/EC, 2014/955/EU, Regulation (EU) No 1357/2014

**SECTION 14: TRANSPORT INFORMATION**

**Transport of dangerous goods by land:**

- CONTINUED ON NEXT PAGE -



**490100200 - GLUSHU QUICK PREFIX ACTIVATOR  
200 ML**

Printing: 01/10/2024

Date of compilation: 31/10/2023

Version: 1

**SECTION 14: TRANSPORT INFORMATION (continued)**

With regard to ADR 2021 and RID 2021:

	<b>14.1 UN number or ID number:</b>	UN1950
	<b>14.2 UN proper shipping name:</b>	AEROSOLS
	<b>14.3 Transport hazard class(es):</b>	2
	Labels:	2.1
	<b>14.4 Packing group:</b>	N/A
	<b>14.5 Environmental hazards:</b>	Yes
	<b>14.6 Special precautions for user</b>	
Special regulations:	190, 327, 344, 625	
Tunnel restriction code:	D	
Physico-Chemical properties:	see section 9	
Limited quantities:	1 L	
<b>14.7 Maritime transport in bulk according to IMO instruments:</b>	Non-applicable	

**Transport of dangerous goods by sea:**

With regard to IMDG 40-20:

	<b>14.1 UN number or ID number:</b>	UN1950
	<b>14.2 UN proper shipping name:</b>	AEROSOLS
	<b>14.3 Transport hazard class(es):</b>	2
	Labels:	2.1
	<b>14.4 Packing group:</b>	N/A
	<b>14.5 Marine pollutant:</b>	Yes
	<b>14.6 Special precautions for user</b>	
Special regulations:	63, 959, 190, 277, 327, 344	
EmS Codes:	F-D, S-U	
Physico-Chemical properties:	see section 9	
Limited quantities:	1 L	
Segregation group:	Non-applicable	
<b>14.7 Maritime transport in bulk according to IMO instruments:</b>	Non-applicable	

**Transport of dangerous goods by air:**

With regard to IATA/ICAO 2023:

	<b>14.1 UN number or ID number:</b>	UN1950
	<b>14.2 UN proper shipping name:</b>	AEROSOLS
	<b>14.3 Transport hazard class(es):</b>	2
	Labels:	2.1
	<b>14.4 Packing group:</b>	N/A
	<b>14.5 Environmental hazards:</b>	Yes
	<b>14.6 Special precautions for user</b>	
Physico-Chemical properties:	see section 9	
<b>14.7 Maritime transport in bulk according to IMO instruments:</b>	Non-applicable	

**SECTION 15: REGULATORY INFORMATION**

**15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture:**

Candidate substances for authorisation under the Regulation (EC) No 1907/2006 (REACH): Non-applicable

Substances included in Annex XIV of REACH ("Authorisation List") and sunset date: Non-applicable

Regulation (EC) No 1005/2009, about substances that deplete the ozone layer: Non-applicable

Article 95, REGULATION (EU) No 528/2012: Non-applicable

REGULATION (EU) No 649/2012, in relation to the import and export of hazardous chemical products: Non-applicable

**Seveso III:**

**490100200 - GLUSHU QUICK PREFIX ACTIVATOR  
200 ML**



Printing: 01/10/2024

Date of compilation: 31/10/2023

Version: 1

**SECTION 15: REGULATORY INFORMATION (continued)**

Section	Description	Lower-tier requirements	Upper-tier requirements
P3a	FLAMMABLE AEROSOLS	150	500
E2	ENVIRONMENTAL HAZARDS	200	500

**Limitations to commercialisation and the use of certain dangerous substances and mixtures (Annex XVII REACH, etc ....)**

:

Shall not be used in:

- ornamental articles intended to produce light or colour effects by means of different phases, for example in ornamental lamps and ashtrays,
- tricks and jokes,
- games for one or more participants, or any article intended to be used as such, even with ornamental aspects.

**Specific provisions in terms of protecting people or the environment:**

It is recommended to use the information included in this safety data sheet as a basis for conducting workplace-specific risk assessments in order to establish the necessary risk prevention measures for the handling, use, storage and disposal of this product.

**Other legislation:**

The product could be affected by sectorial legislation

Council Directive 75/324/EEC of 20 May 1975 on the approximation of the laws of the Member States relating to aerosol dispensers

Commission Directive 94/1/EC of 6 January 1994 adapting some technicalities of Council Directive 75/324/EEC on the approximation of the laws of the relating Member States to aerosol dispensers

Commission Directive 2008/47/EC of 8 April 2008 amending, for the purposes of adapting to technical progress, Council Directive 75/324/EEC on the approximation of the laws of the Member States relating to aerosol dispensers

Commission Directive 2013/10/EU of 19 March 2013 amending Council Directive 75/324/EEC on the approximation of the laws of the Member States relating to aerosol dispensers in order to adapt its labelling provisions to Regulation (EC) No 1272/2008 of the European Parliament and of the Council on classification, labelling and packaging of substances and mixtures

COMMISSION DIRECTIVE (EU) 2016/2037 of 21 November 2016 amending Council Directive 75/324/EEC as regards the maximum allowable pressure of aerosol dispensers and to adapt its labelling provisions to Regulation (EC) No 1272/2008 of the European Parliament and of the Council on classification, labelling and packaging of substances and mixtures

**15.2 Chemical safety assessment:**

The supplier has not carried out evaluation of chemical safety.

**SECTION 16: OTHER INFORMATION**

**Legislation related to safety data sheets:**

The SDS shall be supplied in an official language of the country where the product is placed on the market. This safety data sheet has been designed in accordance with ANNEX II-Guide to the compilation of safety data sheets of Regulation (EC) No 1907/2006 (COMMISSION REGULATION (EU) 2020/878).

**Modifications related to the previous Safety Data Sheet which concerns the ways of managing risks.:**

Non-applicable

**Texts of the legislative phrases mentioned in section 2:**

H315: Causes skin irritation.

H336: May cause drowsiness or dizziness.

H411: Toxic to aquatic life with long lasting effects.

H229: Pressurised container: May burst if heated.

H222: Extremely flammable aerosol.

**Texts of the legislative phrases mentioned in section 3:**

The phrases indicated do not refer to the product itself; they are present merely for informative purposes and refer to the individual components which appear in section 3

**CLP Regulation (EC) No 1272/2008:**

**490100200 - GLUSHU QUICK PREFIX ACTIVATOR  
200 ML**



Printing: 01/10/2024

Date of compilation: 31/10/2023

Version: 1

**SECTION 16: OTHER INFORMATION (continued)**

Acute Tox. 3: H301+H311+H331 - Toxic if swallowed, in contact with skin or if inhaled.  
 Aquatic Chronic 2: H411 - Toxic to aquatic life with long lasting effects.  
 Aquatic Chronic 3: H412 - Harmful to aquatic life with long lasting effects.  
 Asp. Tox. 1: H304 - May be fatal if swallowed and enters airways.  
 Carc. 1B: H350 - May cause cancer.  
 Flam. Gas 1A: H220 - Extremely flammable gas.  
 Flam. Liq. 1: H224 - Extremely flammable liquid and vapour.  
 Flam. Liq. 2: H225 - Highly flammable liquid and vapour.  
 Muta. 1B: H340 - May cause genetic defects.  
 Press. Gas: H280 - Contains gas under pressure, may explode if heated.  
 Skin Irrit. 2: H315 - Causes skin irritation.  
 STOT RE 2: H373 - May cause damage to organs through prolonged or repeated exposure.  
 STOT SE 3: H336 - May cause drowsiness or dizziness.

**Classification procedure:**

Skin Irrit. 2: Calculation method  
 STOT SE 3: Calculation method  
 Aquatic Chronic 2: Calculation method  
 Aerosol 1: Calculation method  
 Aerosol 1: Calculation method

**Advice related to training:**

Training is recommended in order to prevent industrial risks for staff using this product and to facilitate their comprehension and interpretation of this safety data sheet, as well as the label on the product.

**Principal bibliographical sources:**

<http://echa.europa.eu>  
<http://eur-lex.europa.eu>

**Abbreviations and acronyms:**

ADR: European agreement concerning the international carriage of dangerous goods by road  
 IMDG: International maritime dangerous goods code  
 IATA: International Air Transport Association  
 ICAO: International Civil Aviation Organisation  
 COD: Chemical Oxygen Demand  
 BOD5: 5day biochemical oxygen demand  
 BCF: Bioconcentration factor  
 LD50: Lethal Dose 50  
 LC50: Lethal Concentration 50  
 EC50: Effective concentration 50  
 LogPOW: Octanol/water partition coefficient  
 Koc: Partition coefficient of organic carbon  
 UFI: unique formula identifier  
 IARC: International Agency for Research on Cancer

The information contained in this safety data sheet is based on sources, technical knowledge and current legislation at European and state level, without being able to guarantee its accuracy. This information cannot be considered a guarantee of the properties of the product, it is simply a description of the security requirements. The occupational methodology and conditions for users of this product are not within our awareness or control, and it is ultimately the responsibility of the user to take the necessary measures to obtain the legal requirements concerning the manipulation, storage, use and disposal of chemical products. The information on this safety data sheet only refers to this product, which should not be used for needs other than those specified.

- END OF SAFETY DATA SHEET -