

# PU DILUENT 5007 NO

## Safety Data Sheet

According to ABNT NBR 14725: 2023  
Issue date: 2/6/2024 Revision date: 11/7/2025 Version: 6.0



### SECTION 1: Identification

#### 1.1. GHS Product identifier

Product form : Mixture  
Trade name : PU DILUENT 5007 NO  
Product code : 12295375  
Type of product : Diluent  
Product group : Trade product

#### 1.2. Other means of identification

No additional information available

#### 1.3. Recommended use of the chemical and restrictions on use

Recommended use : Uses in coatings - Solvent

#### 1.4. Supplier's details

##### WEG TINTAS LTDA - GRUPO WEG

##### Guaramirim - Santa Catarina / Brasil

Rodovia BR 280 – Km 50, 6.918 – Bloco A. Caixa D'Água – 89270-000 - +55 (47) 3276-4000

##### Mauá - São Paulo / Brasil

Rua Dr. Ulysses Guimarães, nº 918 – Bloco A. Loteamento Industrial Coral 09372-050 – Fone: +55 (11) 4547-6100

##### Cabo de Santo Agostinho - Pernambuco / Brasil

Via VII, 314 Distrito Industrial DIPER – 54590-000 - Fone: +55 (81) 3512-3000

##### Betim - Minas Gerais / Brasil

Avenida Juiz Marco Tulio Isaac, 2994 Betim Industrial – 32671-198, Fone: +55 (31) 3268-0687 / +55 (31) 3268-0686

##### Macaé - Rio de Janeiro / Brasil

Rua Itacolomi, 528 – Quadra H – Lote 11 Cabiúnas – 27977-340

##### Atotonilco de Tula - Estado de Hidalgo / México

Av. Hidalgo, lote 40, 41, 42 y 43 - Parque Industrial Bicentenario, CP 42980 - Fone: +52 (55) 5321-4231

##### Buenos Aires - Provincia de Buenos Aires / Argentina

Av. José Melián, 2983 - Parque Industrial Burzaco, B1852 - Fone: +54 (11) 4299-8000

#### 1.5. Emergency phone number

Emergency number :

<b>24-HOUR EMERGENCY - AMBIPAR</b>	0800 117 2020		
<b>CHEMTREC international number</b>	+1-703-527-3887 e 1-800-424-9300		
<b>Country</b>	<b>City</b>	<b>Local Number</b>	<b>Toll-Free Number</b>
Austria	Vienna	+43-1-3649237	
Austria			0800 293702
China		400 120 4937	
France		+33-975181407	
Germany			0800-181-7059

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India			000 800 1007 141
Italy	Milan	+39-02 4555 7031	
Italy			800 789 767
Netherlands		+31-85 888 0596	
Russia			8(800)100-63-46
South Africa			080-001-4676
United Kingdom	London	+44 20 3807 3798	
South korea			080-880-0454
Japan			0800-300-5842

## SECTION 2: Hazard identification

### 2.1. Classification of the substance or mixture

#### Classification according to GHS BR (ABNT NBR 14725: 2023)

Flammable liquids, Category 4  
Acute toxicity (oral), Category 4  
Acute toxicity (dermal), Category 4  
Acute toxicity (inhalation:dust,mist) Category 4  
Hazardous to the aquatic environment - Acute Hazard, Category 3  
Hazardous to the aquatic environment - Chronic Hazard, Category 3

### 2.2. GHS Label elements, including precautionary statements

#### GHS BR labelling

Hazard pictograms (GHS BR)

:



Signal word (GHS BR)

: Warning

Hazard statements (GHS BR)

: H227 - Combustible liquid  
H302+H312+H332 - Harmful if swallowed, in contact with skin or if inhaled  
H412 - Harmful to aquatic life with long lasting effects

Precautionary statements (GHS BR)

: P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources.  
No smoking.  
P261 - Avoid breathing dust, fume, gas, mist, vapours or spray.  
P264 - Wash hands, forearms and face thoroughly after handling.  
P270 - Do not eat, drink or smoke when using this product.  
P271 - Use only outdoors or in a well-ventilated area.  
P273 - Avoid release to the environment.

### 2.3. Other hazards which do not result in classification

No additional information available

## SECTION 3: Composition/information on ingredients

### 3.1. Substances

Not applicable

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### 3.2. Mixtures

Name	GHS Product identifier	Conc. (% w/w)	Classification according to GHS BR (ABNT NBR 14725: 2023)
2-butoxyethyl acetate	CAS-No.: 112-07-2	100	Flam. Liq. 4, H227 Acute Tox. 4 (Oral), H302 Acute Tox. 4 (Dermal), H312 Acute Tox. 4 (Inhalation), H332 Acute Tox. 4 (Inhalation:vapour), H332 Aquatic Acute 3, H402 Aquatic Chronic 3, H412

## SECTION 4: First-aid measures

### 4.1. Description of necessary first-aid measures

First-aid measures general	: Seek medical attention immediately.
First-aid measures after inhalation	: Remove person to fresh air and keep comfortable for breathing. Immediately call a POISON CENTER/doctor.
First-aid measures after skin contact	: After contact with skin, take off immediately all contaminated clothing, and wash immediately with plenty of water.
First-aid measures after eye contact	: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
First-aid measures after ingestion	: If swallowed, seek medical advice immediately and show this container or label.

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

Symptoms/effects	: Harmful if inhaled. Swallowing a small quantity of this material presents some health hazard. Harmful in contact with skin.
Symptoms/effects after inhalation	: May cause headache, nausea and irritation of respiratory tract.
Symptoms/effects after skin contact	: Harmful in contact with skin.
Symptoms/effects after eye contact	: May cause eye irritation. stinging. Redness.
Symptoms/effects after ingestion	: May cause irritation to the digestive tract. Harmful if swallowed. Ingestion may cause nausea and vomiting.

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

Notes to physician	: Treat symptomatically
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## SECTION 5: Fire-fighting measures

### 5.1. Suitable extinguishing media

Suitable extinguishing media	: Dry chemical, CO2, or water spray or regular foam.
Unsuitable extinguishing media	: Do not use a heavy water stream.

### 5.2. Specific hazards arising from the chemical

Fire hazard	: Combustible liquid. The vapours are denser than air and may travel along the ground. Distance ignition possible. Agitation can cause build up of electrostatic charge. In case of fire and/or explosion do not breathe fumes.
Explosion hazard	: Prolonged exposure to fire may cause containers to rupture/explode.

### 5.3. Special protective actions for fire-fighters

Precautionary measures fire	: This product is not to be used under conditions of poor ventilation.
Firefighting instructions	: Get the package away from the fire if this can be done without risk. Fight fire from a safe distance or use hoses with support or cannon engine. Cool laterally with water containers exposed to flames, even after the fire is extinguished. Do not enter fire area without proper

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Protection during firefighting	: protective equipment, including respiratory protection.
Other information	: Use self-contained breathing apparatus and chemically protective clothing. : On exposure to high temperature, may decompose, releasing toxic gases.

## SECTION 6: Accidental release measures

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

General measures	: Eliminate every possible source of ignition. Prevent from entering sewers, basements and workpits, or any place where its accumulation can be dangerous. May be harmful to aquatic organisms, to flora, to soil organisms. Clean up any spills as soon as possible, using an absorbent material to collect it. Stop leak if safe to do so. Notify authorities if product enters sewers or public waters. Absorb spillage to prevent material damage.
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#### 6.1.1. For non-emergency personnel

Protective equipment	: Wear recommended personal protective equipment.
Emergency procedures	: No flames, no sparks. Eliminate all sources of ignition. Do not touch or walk on the spilled product. Evacuate area. Only qualified personnel equipped with suitable protective equipment may intervene. Notify fire brigade and environmental authorities.

#### 6.1.2. For emergency responders

Protective equipment	: Use self-contained breathing apparatus and chemically protective clothing. Gloves. Wear security glasses which protect from splashes. Equip cleanup crew with proper protection.
Emergency procedures	: Keep away from combustible material. All equipment used when handling the product must be grounded. Evacuate unnecessary personnel. Stop leak if safe to do so.

### 6.2. Environmental precautions

Prevent from entering sewers, basements and workpits, or any place where its accumulation can be dangerous. Harmful to aquatic life with long lasting effects. Do not allow product to spread into the environment. Notify authorities if product enters sewers or public waters.

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

For containment	: Prevent dispersion by moistening spill with water or foam. Stop leak without risks if possible. Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams.
Methods for cleaning up	: Absorb remaining liquid with sand or inert absorbent and remove to safe place. Clear up rapidly by scoop or vacuum. Absorb spillage to prevent material damage. Take up liquid spill into absorbent material.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

Additional hazards when processed	: Not expected to present a significant hazard under anticipated conditions of normal use.
Precautions for safe handling	: Provide adequate ventilation to minimize dust and/or vapour concentrations. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Handle carefully. Wear personal protective equipment. Do not eat, drink or smoke when using this product. Ensure good ventilation of the work station. Keep only in original container. Do not handle until all safety precautions have been read and understood.
Hygiene measures	: Always wash hands after handling the product. Take off immediately all contaminated clothing and wash it before reuse. Do not eat, drink or smoke when using this product.

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

Storage conditions	: Keep cool. Store in a well-ventilated place. Keep cool. Protect from sunlight.
Incompatible materials	: combustible materials.
Packaging materials	: Store always product in container of same material as original container.

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### SECTION 8: Exposure controls/personal protection

#### 8.1. Control parameters

No additional information available

#### 8.2. Appropriate engineering controls

Appropriate engineering controls : Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure.

#### 8.3. Individual protection measures

##### Personal protective equipment:

Wear recommended personal protective equipment.

##### Hand protection:

Protective gloves made of PVC. Nitrile rubber gloves

##### Eye protection:

Wear closed safety glasses

##### Skin and body protection:

Chemical resistant safety shoes. Long sleeved protective clothing. Or chemical resistant apron

##### Respiratory protection:

Where exposure through inhalation may occur from use, respiratory protection equipment is recommended

##### Personal protective equipment symbol(s):



### SECTION 9: Physical and chemical properties

#### 9.1. Basic physical and chemical properties

Physical state	: Liquid
Appearance	: Liquid.
Colour	: Colourless
Odour	: characteristic
Odour threshold	: Not available
pH	: Not available
Melting point	: Not available
Freezing point	: Not available
Boiling point	: 184 – 195 °C
Flash point	: 78 °C
Relative evaporation rate (butylacetate=1)	: Not available
Flammability	: Not available
Explosive limits	: Not available
Vapour pressure	: 0.5 hPa 20°C
Relative vapour density at 20°C	: Not available

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Relative density	: Not available
Density	: 0.89 – 0.99 g/cm <sup>3</sup>
Solubility	: In water, material is partially soluble. Water: 15 g/l
Partition coefficient n-octanol/water (Log Kow)	: Not available
Auto-ignition temperature	: Not available
Decomposition temperature	: Not available
Viscosity, kinematic	: 1.923 mm <sup>2</sup> /s
Particle size	: Not applicable
Particle size distribution	: Not applicable
Particle shape	: Not applicable
Particle aspect ratio	: Not applicable
Particle specific surface area	: Not applicable

### 2-butoxyethyl acetate 112-07-2

Boiling point	192.3 °C Source: ECHA
Flash point	78 °C Source: ECHA
Auto-ignition temperature	270 °C Source: ECHA
Vapour pressure	0.375 mm Hg at 20°C Source: HSDB

### 9.2. Data relevant with regard to physical hazard classes

No additional information available

### 9.3. Further safety characteristics

No additional information available

## SECTION 10: Stability and reactivity

Chemical stability	: Stable under normal conditions of use.
Conditions to avoid	: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Avoid contact with hot surfaces. High temperature.
Hazardous decomposition products	: May liberate toxic gases.
Incompatible materials	: Combustible materials.
Possibility of hazardous reactions	: None under normal use.
Reactivity	: The product is non-reactive under normal conditions of use, storage and transport.
Handling temperature	: No additional information available

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

Acute toxicity (oral)	: Harmful if swallowed.
Acute toxicity (dermal)	: Harmful in contact with skin.
Acute toxicity (inhalation)	: Inhalation:dust,mist: Harmful if inhaled.

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ATE BR (oral)	1180 mg/kg bodyweight
ATE BR (dermal)	1500 mg/kg bodyweight
ATE BR (dust,mist)	1.5 mg/l/4h

### 2-butoxyethyl acetate (112-07-2)

LD50 oral rat	1180 mg/kg Source: ECHA
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### 2-butoxyethyl acetate (112-07-2)

LD50 dermal rabbit	1500 mg/kg Source: ECHA
LC50 Inhalation - Rat [ppm]	> 400 ppm Source: ECHA

Skin corrosion/irritation	: Not available
Serious eye damage/irritation	: Not available
Respiratory or skin sensitisation	: Not available
Germ cell mutagenicity	: Not available
Carcinogenicity	: Not available
Reproductive toxicity	: Not available
STOT-single exposure	: Not available
STOT-repeated exposure	: Not available
Aspiration hazard	: Not available

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Viscosity, kinematic	1.923 mm <sup>2</sup> /s
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## 11.2. Most important symptoms and effects, both acute and delayed

Symptoms/effects	: Harmful if inhaled. Swallowing a small quantity of this material presents some health hazard. Harmful in contact with skin.
Symptoms/effects after inhalation	: May cause headache, nausea and irritation of respiratory tract.
Symptoms/effects after skin contact	: Harmful in contact with skin.
Symptoms/effects after eye contact	: May cause eye irritation. stinging. Redness.
Symptoms/effects after ingestion	: May cause irritation to the digestive tract. Harmful if swallowed. Ingestion may cause nausea and vomiting.

## SECTION 12: Ecological information

### 12.1. Toxicity

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

### 2-butoxyethyl acetate 112-07-2

LC50 - Fish [1]	28 mg/l Source: ECHA, OECD SIDS
ErC50 algae	1570 mg/l Source: ECHA

### 12.2. Persistence and degradability

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Persistence and degradability	Not rapidly degradable
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#### 2-butoxyethyl acetate 112-07-2

Persistence and degradability	Not rapidly degradable
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### 12.3. Bioaccumulative potential

#### 2-butoxyethyl acetate 112-07-2

Partition coefficient n-octanol/water (Log Pow)	1.51 Source: ECHA
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### 12.4. Mobility in soil

No additional information available

### 12.5. Other adverse effects

Hazardous to the ozone layer : Not available

## SECTION 13: Disposal considerations

Waste treatment methods : Must follow special treatment according to local regulation.  
Sewage disposal recommendations : Disposal must be done according to official regulations.  
Product/Packaging disposal recommendations : Disposal must be done according to official regulations.  
Additional information : Do not re-use empty containers.

## SECTION 14: Transport information

### 14.1 National and international Regulations

In accordance with IMDG / IATA / ANTT

ANTT	IMDG	IATA
<b>UN number</b>		
Not regulated for transport		
<b>UN Proper Shipping Name</b>		
Not regulated	Not regulated	Not regulated
<b>Transport hazard class(es)</b>		
Not regulated	Not regulated	Not regulated
<b>Danger labels</b>		
Not regulated	Not regulated	Not regulated
<b>Subsidiary risk</b>		
Not regulated	Not regulated	Not regulated
<b>Risk Number</b>		
Not regulated	Not regulated	Not regulated
<b>Packing group</b>		
Not regulated	Not regulated	Not regulated
<b>Special provisions</b>		
Not regulated	Not regulated	Not regulated
<b>Dangerous for the environment</b>		
Not regulated	Not regulated	Not regulated

### 14.2 Other informations

No additional information available

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### SECTION 15: Regulatory information

#### 15.1. National regulations

Brazil Local Regulations : Standard ABNT NBR 14725.  
Federal Decree no. 10.088, of 5 November 2019 – Promulgates Convention no. 170 of the WLO, relating to Safety in the Use of Chemicals in the Workplace, ratified by the Federative Republic of Brazil.  
Ministerial Order no. 2.770, of 5 September 2022 – Approves the new wording of Regulatory Standard No. 26  
Federal Decree no. 96.044, of 18 May 1988 - Approves Regulations for Road Transportation of Hazardous Materials  
Resolution no. 5998, of 03 November 2022, updates the regulation for road transport of dangerous goods, approves its Complementary Instructions, and other measures.  
Law No. 12.305, of August 2, 2010 (National Policy on Solid Waste)

### SECTION 16: Other information

Abbreviations and acronyms : CAS-No. - Chemical Abstract Service number  
ADN - European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways  
ADR - European Agreement concerning the International Carriage of Dangerous Goods by Road  
BCF - Bioconcentration factor  
EC50 - Median effective concentration  
LC50 - Median lethal concentration  
VOC - Volatile Organic Compounds  
LD50 - Median lethal dose  
DMEL - Derived Minimal Effect level  
DNEL - Derived-No Effect Level  
COD - Chemical oxygen demand (COD)  
ATE - Acute Toxicity Estimate  
IMDG - International Maritime Dangerous Goods  
IATA - International Air Transport Association  
EC-No. - European Community number  
vPvB - Very Persistent and Very Bioaccumulative  
WGK - Water Hazard Class  
IOELV - Indicative Occupational Exposure Limit Value  
BLV - Biological limit value  
TRGS - Technical Rules for Hazardous Substances  
TLM - Median Tolerance Limit  
IARC - International Agency for Research on Cancer

Important information, but not specifically described in the previous sections: This MSDS was prepared based on current knowledge about the handling of the product under normal conditions of use, according to the application specified on the packaging and recommended usage in Section 1 of this MSDS. Any other use of the product involving its combination with other materials, as well as forms of use different from those indicated, are the user's responsibility. The company advises that the handling of any chemical substance requires prior knowledge of its hazards by the user. In the workplace it is responsibility of the company user of the product to provide training of its employees and contractors about the possible risks arising from exposure to the chemical. We reserve the right to change the information contained in this document without prior notice, due to the improvement and continuous evolution of the product and technical knowledge.

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