



# POLITHERM 86 WFS R SM YELLOW W RAL 1033 BR

## Safety Data Sheet

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According to ABNT NBR 14725:2023  
Issue date: 2/21/2024 SAP export date: 2/21/2024 Version: 1.0

### SECTION 1: Identification

#### 1.1. GHS Product identifier

Product form : Mixture  
Trade name : POLITHERM 86 WFS R SM YELLOW W RAL 1033 BR  
Product code : 17176773  
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 : Electrostatic powder paint for surface coating.

#### 1.4. Supplier's details

PAUMAR S.A. INDÚSTRIA E COMÉRCIO - GRUPO WEG  
Rodovia BR 280 - km 50 CEP 89270-000, Guaramirim - Santa Catarina - Brasil

#### 1.5. Emergency phone number

Emergency number :  
**SPILL/TOXICOLOGY WGRA** 0800 720 8000  
**CHEMTREC international number** + 1 703-741-5970

Country	City	Local Number	Toll-Free Number
Austria	Vienna	43-13649237	
China		4001-204937	
France		33-975181407	
Germany	Frankfurt	49-69643508409	0800-181-7059
India		000-800-100-7141	000-800-100-7141
Italy	Milan	39-0245557031	800-789-767
Italy		800-789-767	
Netherlands		31-858880596	
Russia		8-800-100-6346	8-800-100-6346
South Africa		0-800-983-611	0-800-983-611
United Kingdom	London	44-870-8200418	
United Kingdom		44-2038073798	
South korea			080-880-0468
Japan	tokyo		0800-300-5842

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### SECTION 2: Hazard identification

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

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

Acute toxicity (oral), Category 4  
Serious eye damage/eye irritation, Category 1  
Skin sensitisation, Category 1  
Germ cell mutagenicity, Category 1B

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

##### GHS BR labelling

Hazard pictograms (GHS BR)



Signal word (GHS BR)

: Danger

Hazard statements (GHS BR)

: H302 - Harmful if swallowed  
H317 - May cause an allergic skin reaction  
H318 - Causes serious eye damage  
H340 - May cause genetic defects.

Precautionary statements (GHS BR)

: P201 - Obtain special instructions before use.  
P202 - Do not handle until all safety precautions have been read and understood.  
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.  
P272 - Contaminated work clothing should not be allowed out of the workplace.  
P280 - Wear protective gloves, protective clothing, eye protection, face protection and hearing protection.  
P301+P312 - IF SWALLOWED: Call a POISON CENTER or a doctor if you feel unwell.  
P302+P352 - IF ON SKIN: Wash with plenty of water.  
P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P308+P313 - IF exposed or concerned: Get medical attention.  
P310 - Immediately call a POISON CENTER or a doctor.  
P321 - Specific treatment (see supplemental first aid instruction on this label).  
P330 - Rinse mouth.  
P333+P313 - If skin irritation or rash occurs: Get medical attention.  
P362+P364 - Take off contaminated clothing and wash it before reuse.  
P405 - Store locked up.  
P501 - Dispose of contents and/or container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulations.

#### 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

#### 3.2. Mixtures

Name	GHS Product identifier	Conc. (% w/w)
TRIGLYCIDYL ISOCYANURATE	CAS-No.: 2451-62-9	5 – 10

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### SECTION 4: First-aid measures

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

No additional information available

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

No additional information available

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

No additional information available

### SECTION 5: Fire-fighting measures

#### 5.1. Suitable extinguishing media

No additional information available

#### 5.2. Specific hazards arising from the chemical

No additional information available

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

No additional information available

### SECTION 6: Accidental release measures

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

##### 6.1.1. For non-emergency personnel

No additional information available

##### 6.1.2. For emergency responders

No additional information available

#### 6.2. Environmental precautions

No additional information available

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

No additional information available

### SECTION 7: Handling and storage

#### 7.1. Precautions for safe handling

No additional information available

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

No additional information available

### SECTION 8: Exposure controls/personal protection

#### 8.1. Control parameters

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TRIGLYCIDYL ISOCYANURATE (2451-62-9)	
USA - ACGIH - Occupational Exposure Limits	
Local name	1,3,5-Triglycidyl-s-triazinetrione
ACGIH OEL TWA	0.05 mg/m <sup>3</sup>
Remark (ACGIH)	TLV® Basis: Male repro dam
Regulatory reference	ACGIH 2024

### 8.2. Appropriate engineering controls

No additional information available

### 8.3. Individual protection measures

No additional information available

## SECTION 9: Physical and chemical properties

### 9.1. Basic physical and chemical properties

Physical state	: Solid
Appearance	: Dusty powder.
Colour	: Yellow
Odour	: slight
Odour threshold	: Not available
pH	: Not available
Melting point	: Not available
Freezing point	: Not available
Boiling point	: Not available
Flash point	: Not applicable
Relative evaporation rate (butylacetate=1)	: Not available
Flammability	: Not available
Explosive limits	: 50 – 70 g/m <sup>3</sup>
Vapour pressure	: Not available
Relative vapour density at 20°C	: Not applicable
Relative density	: Not available
Density	: 1.45 g/cm <sup>3</sup>
Solubility	: Insoluble in water, partially soluble in some solvents and thinners oxygen as acetone, ethyl acetate, methyl ethyl, ketone, among others.
Partition coefficient n-octanol/water (Log Kow)	: Not available
Auto-ignition temperature	: Not applicable
Decomposition temperature	: 300 °C
Viscosity, kinematic	: Not applicable
Particle size	: 25 — 60 µm
Particle size distribution	: Not available
Particle shape	: Not available
Particle aspect ratio	: Not available
Particle specific surface area	: Not available

### 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	: No additional information available
Conditions to avoid	: No additional information available

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Hazardous decomposition products	: No additional information available
Incompatible materials	: No additional information available
Possibility of hazardous reactions	: No additional information available
Reactivity	: No additional information available
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)	: Not available
Acute toxicity (inhalation)	: Not available

#### POLITHERM 86 WFS R SM YELLOW W RAL 1033 BR

ATE BR (oral)	1976.285 mg/kg bodyweight
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Skin corrosion/irritation	: Not available
Serious eye damage/irritation	: Causes serious eye damage.
Respiratory or skin sensitisation	: May cause an allergic skin reaction.
Germ cell mutagenicity	: May cause genetic defects.
Carcinogenicity	: Not available
Reproductive toxicity	: Not available
STOT-single exposure	: Not available
STOT-repeated exposure	: Not available

#### TRIGLYCIDYL ISOCYANURATE (2451-62-9)

STOT-repeated exposure	May cause damage to organs through prolonged or repeated exposure.
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Aspiration hazard	: Not available
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### 11.2. Most important symptoms and effects, both acute and delayed

No additional information available

## SECTION 12: Ecological information

### 12.1. Toxicity

Hazardous to the aquatic environment, short-term (acute)	: Not available
Hazardous to the aquatic environment, long-term (chronic)	: Not classified.

### 12.2. Persistence and degradability

#### POLITHERM 86 WFS R SM YELLOW W RAL 1033 BR

Persistence and degradability	Not rapidly degradable
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#### TRIGLYCIDYL ISOCYANURATE (2451-62-9)

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

No additional information available

### 12.4. Mobility in soil

No additional information available

### 12.5. Other adverse effects

Hazardous to the ozone layer	: Not available
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### SECTION 13: Disposal considerations

No additional information available

### SECTION 14: Transport information

#### 14.1 National and international Regulations

In accordance with IMDG / IATA / ANTT

ANTT	IMDG	IATA
<b>UN number</b>		
Not applicable	Not applicable	Not applicable
<b>UN Proper Shipping Name</b>		
Not applicable	Not applicable	Not applicable
<b>Transport hazard class(es)</b>		
Not applicable	Not applicable	Not applicable
<b>Danger labels</b>		
Not applicable	Not applicable	Not applicable
<b>Subsidiary risk</b>		
Not applicable	Not applicable	Not applicable
<b>Risk Number</b>		
Not applicable	Not applicable	Not applicable
<b>Packing group</b>		
Not applicable	Not applicable	Not applicable
<b>Special provisions</b>		
Not applicable	Not applicable	Not applicable
<b>Dangerous for the environment</b>		
No	Not applicable	Not applicable

#### 14.2 Other informations

No additional information available

### SECTION 15: Regulatory information

#### 15.1. National regulations

No additional information available

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### 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.