



POLITHERM 46 WF R MT GREEN WP 361C MA

Safety Data Sheet

*** DRAFT ***

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 46 WF R MT GREEN WP 361C MA
Product code : 17279147
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 |

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 5
Serious eye damage/eye irritation, Category 1
Skin sensitisation, Category 1
Germ cell mutagenicity, Category 1B

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2.2. GHS Label elements, including precautionary statements

GHS BR labelling

Hazard pictograms (GHS BR)



Signal word (GHS BR)

: Danger

Hazard statements (GHS BR)

: H303 - May be 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.
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).
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 | 1 – 5 |

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

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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

TRIGLYCIDYL ISOCYANURATE (2451-62-9)

USA - ACGIH - Occupational Exposure Limits

| | |
|----------------------|------------------------------------|
| Local name | 1,3,5-Triglycidyl-s-triazinetriene |
| ACGIH OEL TWA | 0.05 mg/m ³ |
| 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

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SECTION 9: Physical and chemical properties

9.1. Basic physical and chemical properties

| | |
|---|---|
| Physical state | : Solid |
| Appearance | : Dusty powder. |
| Colour | : Green |
| 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 ³ |
| Vapour pressure | : Not available |
| Relative vapour density at 20°C | : Not applicable |
| Relative density | : Not available |
| Density | : 1.56 g/cm ³ |
| 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 |
| 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) | : May be harmful if swallowed. |
| Acute toxicity (dermal) | : Not available |
| Acute toxicity (inhalation) | : Not available |

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| | |
|---------------|---------------------------|
| ATE BR (oral) | 2197.802 mg/kg bodyweight |
|---------------|---------------------------|

| | |
|---------------------------|-----------------|
| Skin corrosion/irritation | : Not available |
|---------------------------|-----------------|

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| | |
|-----------------------------------|--|
| 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. |
|------------------------|--|

| | |
|-------------------|-----------------|
| Aspiration hazard | : Not available |
|-------------------|-----------------|

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

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| | |
|-------------------------------|------------------------|
| Persistence and degradability | Not rapidly degradable |
|-------------------------------|------------------------|

TRIGLYCIDYL ISOCYANURATE (2451-62-9)

| | |
|-------------------------------|------------------------|
| Persistence and degradability | Not rapidly degradable |
|-------------------------------|------------------------|

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 |
|------------------------------|-----------------|

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 |
|------------------|----------------|----------------|
| UN number | | |
| Not applicable | Not applicable | Not applicable |

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| | | |
|--------------------------------------|----------------|----------------|
| UN Proper Shipping Name | | |
| Not applicable | Not applicable | Not applicable |
| Transport hazard class(es) | | |
| Not applicable | Not applicable | Not applicable |
| Danger labels | | |
| Not applicable | Not applicable | Not applicable |
| Subsidiary risk | | |
| Not applicable | Not applicable | Not applicable |
| Risk Number | | |
| Not applicable | Not applicable | Not applicable |
| Packing group | | |
| Not applicable | Not applicable | Not applicable |
| Special provisions | | |
| Not applicable | Not applicable | Not applicable |
| Dangerous for the environment | | |
| 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

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

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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.