

W-THANE TXA 51 4 GRAY COMPONENT A



Safety Data Sheet

According to ABNT NBR 14725: 2023
Issue date: 3/8/2024 Revision date: 4/29/2025 Version: 2.0

SECTION 1: Identification

1.1. GHS Product identifier

Product form : Mixture
Trade name : W-THANE TXA 51 4 GRAY COMPONENT A
Product code : 12821898
Type of product : Paint
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 : Coating providing surfaces with protection, waterproofing, finishing and resistance, etc.

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 :

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

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| | | | |
|----------------|-----------|------------------|------------------|
| India | Bangalore | +91 8071 279 207 | |
| 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 3
Acute toxicity (dermal), Category 5
Acute toxicity (inhalation:dust,mist) Category 4
Serious eye damage/eye irritation, Category 2A
Carcinogenicity, Category 2
Specific target organ toxicity — Single exposure, Category 3, Narcosis
Specific target organ toxicity — Single exposure, Category 3, Respiratory tract irritation

2.2. GHS Label elements, including precautionary statements

GHS BR labelling

Hazard pictograms (GHS BR)



Signal word (GHS BR)

: Warning

Hazard statements (GHS BR)

: H226 - Flammable liquid and vapour
H313 - May be harmful in contact with skin
H319 - Causes serious eye irritation
H332 - Harmful if inhaled
H335 - May cause respiratory irritation
H336 - May cause drowsiness or dizziness
H351 - Suspected of causing cancer.

Precautionary statements (GHS BR)

: P201 - Obtain special instructions before use.
P202 - Do not handle until all safety precautions have been read and understood.
P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources.
No smoking.
P233 - Keep container tightly closed.
P240 - Ground and bond container and receiving equipment.
P241 - Use explosion-proof equipment.
P242 - Use non-sparking tools.
P243 - Take action to prevent static discharges.
P261 - Avoid breathing dust, fume, gas, mist, vapours or spray.
P264 - Wash hands, forearms and face thoroughly after handling.
P271 - Use only outdoors or in a well-ventilated area.
P280 - Wear protective gloves, protective clothing, eye protection, face protection and hearing protection.
P303+P361+P353 - IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water .

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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.
P308+P313 - IF exposed or concerned: Get medical advice or attention.
P312 - Call a POISON CENTER or a doctor if you feel unwell.
P337+P313 - If eye irritation persists: Get medical advice or attention.
P370+P378 - In case of fire: Use appropriate media to extinguish.
P403+P233 - Store in a well-ventilated place. Keep container tightly closed.
P403+P235 - Store in a well-ventilated place. Keep cool.
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 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 | % | Classification according to GHS BR (ABNT NBR 14725: 2023) |
|--------------------------------|------------------------|---------|--|
| SOLVENT METHYL ISOBUTYL KETONE | CAS-No.: 108-10-1 | 20 – 40 | Flam. Liq. 2, H225 Acute Tox. 5 (Oral), H303 Acute Tox. 4 (Dermal), H312 Acute Tox. 4 (Inhalation), H332 Acute Tox. 4 (Inhalation:vapour), H332 Carc. 2, H351 STOT SE 3, H335 Asp. Tox. 2, H305 |
| ETHYL ACETATE | CAS-No.: 141-78-6 | 20 – 40 | Flam. Liq. 2, H225 Eye Irrit. 2A, H319 STOT SE 3, H336 |
| CYCLOHEXANONE SOLVENT | CAS-No.: 108-94-1 | 5 – 10 | Flam. Liq. 3, H226 Acute Tox. 4 (Inhalation), H332 |
| n-butyl acetate | CAS-No.: 123-86-4 | 5 – 10 | Flam. Liq. 3, H226 STOT SE 3, H336 Aquatic Acute 3, H402 |
| BUTYL ACETATE | CAS-No.: 123-86-4 | 1 – 5 | Flam. Liq. 2, H225 STOT SE 3, H336 |

SECTION 4: First-aid measures

4.1. Description of necessary first-aid measures

First-aid measures general : IF exposed or concerned: Get medical advice/attention.
First-aid measures after inhalation : Remove person to fresh air and keep comfortable for breathing. Immediately call a POISON CENTER/doctor. Give oxygen or artificial respiration if necessary.
First-aid measures after skin contact : After contact with skin, take off immediately all contaminated clothing, and wash immediately with plenty of water.

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- First-aid measures after eye contact : IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
- First-aid measures after ingestion : Do NOT induce vomiting. Rinse mouth out with water.

4.2. Most important symptoms and effects, acute and delayed

- Symptoms/effects : Harmful if inhaled. May be harmful in contact with skin. Causes serious eye irritation. May cause respiratory irritation. May cause drowsiness or dizziness.
- Symptoms/effects after inhalation : May cause irritation to the respiratory tract, sneezing, coughing, burning sensation of throat with constricting sensation of the larynx and difficulty in breathing. Depression of the central nervous system, headaches, dizziness, drowsiness, loss of coordination.
- Symptoms/effects after skin contact : May be harmful in contact with skin. irritation (itching, redness, blistering).
- Symptoms/effects after eye contact : stinging. Redness. Causes serious eye irritation. redness, itching, tears.
- Symptoms/effects after ingestion : May cause irritation to the digestive tract.
- Chronic symptoms : Suspected carcinogen.

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

- Notes to physician : Treat symptomatically

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 : Flammable liquid and vapour. The vapours are denser than air and may travel along the ground. Distance ignition possible. Agitation can cause build up of electrostatic charge. Vapours may cause fire/explosion if source of ignition is present. In case of fire and/or explosion do not breathe fumes.
- Explosion hazard : Vapours may form explosive mixture with air. Prolonged exposure to fire may cause containers to rupture/explode.

5.3. Special protective actions for fire-fighters

- Precautionary measures fire : Keep container closed when not in use. 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 protective equipment, including respiratory protection.
- Protection during firefighting : Use self-contained breathing apparatus and chemically protective clothing.
- Other information : On exposure to high temperature, may decompose, releasing toxic gases. In case of fire, corrosive and harmful gases come free.

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. Avoid contact with skin and eyes. Stop leak if safe to do so. Notify authorities if product enters sewers or public waters. Absorb spillage to prevent material damage.

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

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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. Self-contained breathing apparatus. Total impervious protective suits, gloves, and boots must be worn to prevent any contact with the product. Corrosionproof suit. 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. 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. Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams. Stop leak without risks if possible.

Methods for cleaning up

: Absorb remaining liquid with sand or inert absorbent and remove to safe place. Absorb spilled material with sand or earth. Clear up rapidly by scoop or vacuum. Absorb spillage to prevent material damage. Clean contaminated surfaces with an excess of water.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Additional hazards when processed

: Flammable vapours may accumulate in the container.

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. Ground/bond container and receiving equipment. Use only non-sparking tools. Take precautionary measures against static discharge. Wear personal protective equipment. Obtain special instructions before use. Take all necessary technical measures to avoid or minimize the release of the product on the workplace. Limit quantities of product at the minimum necessary for handling and limit the number of exposed workers. 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. Remove contaminated clothes. Do not eat, drink or smoke when using this product.

7.2. Conditions for safe storage, including any incompatibilities

Technical measures

: Ensure adequate ventilation, especially in confined areas. Store locked up.

Storage conditions

: Keep cool. Store in a well-ventilated place. Keep container tightly closed. Keep cool. Protect from sunlight.

Incompatible materials

: combustible materials.

Packaging materials

: Store always product in container of same material as original container.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

BUTYL ACETATE 123-86-4

USA - ACGIH - Occupational Exposure Limits

Local name

n-Butyl acetate

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| BUTYL ACETATE 123-86-4 | |
|---|---------------------------|
| ACGIH® TLV® TWA | 50 ppm |
| ACGIH® TLV® STEL | 150 ppm |
| Remark (ACGIH) | TLV® Basis: Eye & URT irr |
| Regulatory reference | ACGIH 2024 |
| USA - OSHA - Occupational Exposure Limits | |
| Local name | n-Butyl-acetate |
| OSHA PEL TWA | 710 mg/m ³ |
| | 150 ppm |
| Regulatory reference (US-OSHA) | OSHA Annotated Table Z-1 |
| ETHYL ACETATE 141-78-6 | |
| USA - ACGIH - Occupational Exposure Limits | |
| Local name | Ethyl acetate |
| ACGIH® TLV® TWA | 400 ppm |
| Remark (ACGIH) | TLV® Basis: URT & eye irr |
| Regulatory reference | ACGIH 2024 |
| USA - OSHA - Occupational Exposure Limits | |
| Local name | Ethyl acetate |
| OSHA PEL TWA | 1400 mg/m ³ |
| | 400 ppm |
| Regulatory reference (US-OSHA) | OSHA Annotated Table Z-1 |
| n-butyl acetate 123-86-4 | |
| USA - ACGIH - Occupational Exposure Limits | |
| Local name | n-Butyl acetate |
| ACGIH® TLV® TWA | 50 ppm |
| ACGIH® TLV® STEL | 150 ppm |
| Remark (ACGIH) | TLV® Basis: Eye & URT irr |
| Regulatory reference | ACGIH 2024 |
| USA - OSHA - Occupational Exposure Limits | |
| Local name | n-Butyl-acetate |
| OSHA PEL TWA | 710 mg/m ³ |
| | 150 ppm |
| Regulatory reference (US-OSHA) | OSHA Annotated Table Z-1 |
| SOLVENT METHYL ISOBUTYL KETONE 108-10-1 | |
| USA - ACGIH - Occupational Exposure Limits | |
| Local name | Methyl isobutyl ketone |
| ACGIH® TLV® TWA | 20 ppm |
| ACGIH® TLV® STEL | 75 ppm |

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| SOLVENT METHYL ISOBUTYL KETONE 108-10-1 | |
|--|---|
| Remark (ACGIH) | TLV® Basis: URT irr; dizziness; headache. Notations: A3 (Confirmed Animal Carcinogen with Unknown Relevance to Humans); BEI |
| Regulatory reference | ACGIH 2024 |
| USA - ACGIH - Biological Exposure Indices | |
| Local name | Methyl isobutyl ketone |
| BEI | 1 mg/l Parameter: Methyl isobutyl ketone - Medium: urine - Sampling time: End of shift |
| Regulatory reference | ACGIH 2024 |
| USA - OSHA - Occupational Exposure Limits | |
| Local name | Hexone (Methyl isobutyl ketone) |
| OSHA PEL TWA | 410 mg/m³ 100 ppm |
| Regulatory reference (US-OSHA) | OSHA Annotated Table Z-1 |
| CYCLOHEXANONE SOLVENT 108-94-1 | |
| USA - ACGIH - Occupational Exposure Limits | |
| Local name | Cyclohexanone |
| ACGIH® TLV® TWA | 20 ppm |
| ACGIH® TLV® STEL | 50 ppm |
| Remark (ACGIH) | TLV® Basis: Eye & URT irr. Notations: Skin; A3 (Confirmed Animal Carcinogen with Unknown Relevance to Humans) |
| Regulatory reference | ACGIH 2024 |
| USA - OSHA - Occupational Exposure Limits | |
| Local name | Cyclohexanone |
| OSHA PEL TWA | 200 mg/m³ 50 ppm |
| Regulatory reference (US-OSHA) | OSHA Annotated Table Z-1 |

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

Eye protection:

Wear closed safety glasses

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Skin and body protection:

Safety shoes

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 | : Grey |
| Odour | : characteristic |
| Odour threshold | : Not available |
| pH | : Not applicable |
| Melting point | : Not available |
| Freezing point | : Not available |
| Boiling point | : Not available |
| Flash point | : 28 °C |
| Relative evaporation rate (butylacetate=1) | : Not available |
| Flammability | : Not available |
| Explosive limits | : Not available |
| Vapour pressure | : Not available |
| Relative vapour density at 20°C | : Not available |
| Relative density | : Not available |
| Density | : 0.95 – 1.05 g/cm ³ |
| Solubility | : Material insoluble in water. |
| Partition coefficient n-octanol/water (Log Kow) | : Not available |
| Auto-ignition temperature | : Not available |
| Decomposition temperature | : Not available |
| Viscosity, kinematic | : 90 – 100 Seconds |
| Particle size | : Not applicable |
| Particle size distribution | : Not applicable |
| Particle shape | : Not applicable |
| Particle aspect ratio | : Not applicable |
| Particle specific surface area | : Not applicable |

BUTYL ACETATE123-86-4

| | |
|---------------|-------------------|
| Boiling point | 127 °C (CHEMSAFE) |
| Flash point | 21 °C |

n-butyl acetate123-86-4

| | |
|---------------|--------------------------------|
| Boiling point | 126.2 °C Atm. press.: 1013 hPa |
| Flash point | 27 °C Atm. press.: 1013 hPa |

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SOLVENT METHYL ISOBUTYL KETONE108-10-1

| | |
|---------------------------|------------------------------|
| Boiling point | 116.5 °C Source: CHemIDplus |
| Flash point | 14 °C Source: ICSC |
| Auto-ignition temperature | 460 °C Source: ICSC |
| Vapour pressure | 2.1 kPa at 20°C Source: ICSC |

CYCLOHEXANONE SOLVENT108-94-1

| | |
|-------------|-------|
| Flash point | 43 °C |
|-------------|-------|

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 | : In use may form flammable/explosive vapour-air mixture. |
| 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. Avoid formation of vapours. |
| Hazardous decomposition products | : May liberate toxic gases. On exposure to high temperature, may decompose, releasing corrosive gases. |
| Incompatible materials | : Combustible materials. |
| Possibility of hazardous reactions | : Liquids/vapours may ignite or react with other materials. |
| 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) | : Not available |
| Acute toxicity (dermal) | : May be harmful in contact with skin. |
| Acute toxicity (inhalation) | : Inhalation:dust,mist: Harmful if inhaled. |

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| | |
|--------------------|---------------------------|
| ATE BR (dermal) | 4252.008 mg/kg bodyweight |
| ATE BR (dust,mist) | 4.234 mg/l/4h |

SOLVENT METHYL ISOBUTYL KETONE (108-10-1)

| | |
|---------------------------------|---------------------------|
| LD50 oral rat | > 2.08 g/kg |
| LD50 dermal rabbit | ≥ 2000 mg/kg Source: ECHA |
| LC50 Inhalation - Rat (Vapours) | 11.6 mg/l Source: ECHA |

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

BUTYL ACETATE (123-86-4)

| | |
|----|-----|
| pH | 7.5 |
|----|-----|

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n-butyl acetate (123-86-4)

| | |
|----|---|
| pH | 6.2 Temp.: 20 °C Concentration: 5,3 g/L |
|----|---|

Serious eye damage/irritation : Causes serious eye irritation.
pH: Not applicable

BUTYL ACETATE (123-86-4)

| | |
|----|-----|
| pH | 7.5 |
|----|-----|

n-butyl acetate (123-86-4)

| | |
|----|---|
| pH | 6.2 Temp.: 20 °C Concentration: 5,3 g/L |
|----|---|

Respiratory or skin sensitisation : Not available
Germ cell mutagenicity : Not available
Carcinogenicity : Suspected of causing cancer.

SOLVENT METHYL ISOBUTYL KETONE (108-10-1)

| | |
|------------|--------------------------------------|
| IARC group | 2B - Possibly carcinogenic to humans |
|------------|--------------------------------------|

CYCLOHEXANONE SOLVENT (108-94-1)

| | |
|------------|----------------------|
| IARC group | 3 - Not classifiable |
|------------|----------------------|

Reproductive toxicity : Not available
STOT-single exposure : May cause drowsiness or dizziness. May cause respiratory irritation.

BUTYL ACETATE (123-86-4)

| | |
|----------------------|------------------------------------|
| STOT-single exposure | May cause drowsiness or dizziness. |
|----------------------|------------------------------------|

ETHYL ACETATE (141-78-6)

| | |
|----------------------|------------------------------------|
| STOT-single exposure | May cause drowsiness or dizziness. |
|----------------------|------------------------------------|

n-butyl acetate (123-86-4)

| | |
|----------------------|------------------------------------|
| STOT-single exposure | May cause drowsiness or dizziness. |
|----------------------|------------------------------------|

SOLVENT METHYL ISOBUTYL KETONE (108-10-1)

| | |
|----------------------|-----------------------------------|
| STOT-single exposure | May cause respiratory irritation. |
|----------------------|-----------------------------------|

STOT-repeated exposure : Not available

n-butyl acetate (123-86-4)

| | |
|----------------------------|---|
| LOAEL (oral, rat, 90 days) | 500 mg/kg bodyweight Animal: rat, Guideline: EPA OTS 798.2650 (90-Day Oral Toxicity in Rodents) |
|----------------------------|---|

| | |
|----------------------------|---|
| NOAEL (oral, rat, 90 days) | 125 mg/kg bodyweight Animal: rat, Guideline: EPA OTS 798.2650 (90-Day Oral Toxicity in Rodents) |
|----------------------------|---|

SOLVENT METHYL ISOBUTYL KETONE (108-10-1)

| | |
|----------------------------|--|
| LOAEL (oral, rat, 90 days) | 1000 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 408 (Repeated Dose 90-Day Oral Toxicity Study in Rodents) |
|----------------------------|--|

| | |
|----------------------------|---|
| NOAEL (oral, rat, 90 days) | 250 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 408 (Repeated Dose 90-Day Oral Toxicity Study in Rodents) |
|----------------------------|---|

| | |
|--|--|
| NOAEC (inhalation, rat, vapour, 90 days) | 4.106 mg/l air Animal: rat, Guideline: OECD Guideline 413 (Subchronic Inhalation Toxicity: 90-Day Study) |
|--|--|

Aspiration hazard : Not classified.

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| | |
|----------------------|-----------------------------|
| Viscosity, kinematic | 90 – 100 mm ² /s |
|----------------------|-----------------------------|

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BUTYL ACETATE (123-86-4)

Viscosity, kinematic 1.154 mm²/s

n-butyl acetate (123-86-4)

Viscosity, kinematic 0.83 mm²/s Temp.: '20°C' Parameter: 'kinematic viscosity (in mm²/s)'

11.2. Most important symptoms and effects, both acute and delayed

| | |
|-------------------------------------|---|
| Symptoms/effects | : Harmful if inhaled. May be harmful in contact with skin. Causes serious eye irritation. May cause respiratory irritation. May cause drowsiness or dizziness. |
| Symptoms/effects after inhalation | : May cause irritation to the respiratory tract, sneezing, coughing, burning sensation of throat with constricting sensation of the larynx and difficulty in breathing. Depression of the central nervous system, headaches, dizziness, drowsiness, loss of coordination. |
| Symptoms/effects after skin contact | : May be harmful in contact with skin. irritation (itching, redness, blistering). |
| Symptoms/effects after eye contact | : stinging. Redness. Causes serious eye irritation. redness, itching, tears. |
| Symptoms/effects after ingestion | : May cause irritation to the digestive tract. |
| Chronic symptoms | : Suspected carcinogen. |

SECTION 12: Ecological information

12.1. Toxicity

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

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

n-butyl acetate123-86-4

| | |
|----------------------|--|
| LC50 - Fish [1] | 18 mg/l Test organisms (species): Pimephales promelas |
| EC50 - Crustacea [1] | 44 mg/l Test organisms (species): Daphnia sp. |
| EC50 72h - Algae [1] | 397 mg/l Test organisms (species): Raphidocelis subcapitata (previous names: Pseudokirchneriella subcapitata, Selenastrum capricornutum) |
| EC50 72h - Algae [2] | 246 mg/l Test organisms (species): Raphidocelis subcapitata (previous names: Pseudokirchneriella subcapitata, Selenastrum capricornutum) |
| LOEC (chronic) | 47.6 mg/l Test organisms (species): Daphnia magna Duration: '21 d' |
| NOEC (chronic) | 23.2 mg/l Test organisms (species): Daphnia magna Duration: '21 d' |

SOLVENT METHYL ISOBUTYL KETONE108-10-1

| | |
|----------------------|--|
| LC50 - Fish [1] | 672 mg/l Source: ECHA |
| EC50 - Crustacea [1] | > 200 mg/l Test organisms (species): Daphnia magna |

12.2. Persistence and degradability

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Persistence and degradability Not rapidly degradable

BUTYL ACETATE123-86-4

Persistence and degradability Not rapidly degradable

ETHYL ACETATE141-78-6

Persistence and degradability Not rapidly degradable

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| n-butyl acetate123-86-4 | |
|--|------------------------|
| Persistence and degradability | Not rapidly degradable |
| SOLVENT METHYL ISOBUTYL KETONE108-10-1 | |
| Persistence and degradability | Not rapidly degradable |
| CYCLOHEXANONE SOLVENT108-94-1 | |
| Persistence and degradability | Not rapidly degradable |

12.3. Bioaccumulative potential

| SOLVENT METHYL ISOBUTYL KETONE108-10-1 | |
|---|-------------------------|
| Partition coefficient n-octanol/water (Log Pow) | 1.31 Source: ChemIDPlus |

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

| | |
|--|--|
| Regional waste regulation | : Law No. 12.305 on the National Policy on Solid Waste Management, 02 August 2010. |
| 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 | : Flammable vapours may accumulate in the container. 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 |
|---|---|---|
| UN number | | |
| 1263 | 1263 | 1263 |
| UN Proper Shipping Name | | |
| TINTA | PAINT | Paint |
| Transport document description | | |
| Not applicable | UN 1263 PAINT, 3, III (28°C c.c.) | UN 1263 Paint, 3, III |
| Transport hazard class(es) | | |
| 3 | 3 | 3 |
| Danger labels | | |
| 3 | 3 | 3 |
|  |  |  |

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| Subsidiary risk | | |
|-------------------------------|-----------------|----------------|
| Not applicable | Not applicable | Not applicable |
| Risk Number | | |
| 30 | Not applicable | Not applicable |
| Packing group | | |
| III | III | III |
| Special provisions | | |
| 163,223,367 | 163,223,367,955 | A3,A72,A192 |
| Dangerous for the environment | | |
| No | No | No |

14.2 Other informations

No additional information available

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 November 3, 2022, updates the regulation for road transport of dangerous goods, approves its Complementary Instructions, and other measures.

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

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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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