

Waiting Name

Safety Data Sheet

According to ABNT NBR 14725: 2023

Issue date: 11/19/2025 Revision date: 2/19/2026 Version: 2.0



SECTION 1: Identification

1.1. GHS Product identifier

Product form : Substance
Trade name : Waiting Name
Product code : 15577041
Type of product : Catalyst
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 - Curing agent for component A.

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			000 800 1007 141
Italy	Milan	+39-02 4555 7031	
Italy			800 789 767
Netherlands		+31-85 888 0596	
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 (inhalation:dust,mist) Category 4
Skin sensitisation, Category 1
Germ cell mutagenicity, Category 1B
Carcinogenicity, Category 1B
Reproductive toxicity, Category 1B
Specific target organ toxicity — Single exposure, Category 3, Respiratory tract irritation
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)

: Danger

Hazard statements (GHS BR)

: H226 - Flammable liquid and vapour
H317 - May cause an allergic skin reaction
H332 - Harmful if inhaled
H335 - May cause respiratory irritation
H340 - May cause genetic defects.
H350 - May cause cancer.
H360 - May damage fertility or the unborn child.
H412 - Harmful to aquatic life with long lasting effects

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.
P271 - Use only outdoors or in a well-ventilated area.
P272 - Contaminated work clothing should not be allowed out of the workplace.
P273 - Avoid release to the environment.
P280 - Wear protective gloves, protective clothing, eye protection, face protection and

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hearing protection.

P302+P352 - IF ON SKIN: Wash with plenty of water.

P303+P361+P353 - IF ON SKIN (or hair): Take off immediately all contaminated clothing.

Rinse skin with water .

P304+P340 - IF INHALED: Remove person to fresh air and keep comfortable for breathing.

P308+P313 - IF exposed or concerned: Get medical advice or attention.

P312 - Call a POISON CENTER or a doctor if you feel unwell.

P321 - Specific treatment (see supplemental first aid instruction on this label).

P333+P313 - If skin irritation or rash occurs: Get medical advice or attention.

P362+P364 - Take off contaminated clothing and wash it before reuse.

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

Name : CATALISADOR END W-UHT 5501 ALTA TEMP

Name	GHS Product identifier	Conc. (% w/w)	Classification according to GHS BR (ABNT NBR 14725: 2023)
ALIPHATIC POLYISOCYANATE	CAS-No.: 28182-81-2	40 – 50	Acute Tox. 4 (Inhalation), H332 Skin Sens. 1, H317 STOT SE 3, H335
ISOPENTYL ACETATE	CAS-No.: 123-92-2	40 – 50	Flam. Liq. 3, H226 Aquatic Acute 3, H402 Aquatic Chronic 3, H412
2-ethoxyethyl acetate; ethylglycol acetate	CAS-No.: 111-15-9	10 – 20	Flam. Liq. 3, H226 Acute Tox. 5 (Oral), H303 Acute Tox. 4 (Inhalation), H332 Repr. 1B, H360 Aquatic Acute 3, H402 Aquatic Chronic 3, H412
BUTYL ACETATE	CAS-No.: 123-86-4	1 – 5	Flam. Liq. 2, H225 STOT SE 3, H336 Aquatic Acute 3, H402 Aquatic Chronic 3, H412
SOLVENT NAPHTHA (PETROLEUM) LIGHT AROM	CAS-No.: 64742-95-6	1 – 5	Flam. Liq. 3, H226 Acute Tox. 5 (Dermal), H313 Skin Irrit. 2, H315 Eye Irrit. 2, H319 Muta. 1B, H340 Carc. 1B, H350 STOT SE 3, H335 Asp. Tox. 1, H304 Aquatic Acute 2, H401

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Name	GHS Product identifier	Conc. (% w/w)	Classification according to GHS BR (ABNT NBR 14725: 2023)
			Aquatic Chronic 2, H411
ABSORBING MOISTURE ADDITIVE	CAS-No.: 4083-64-1	0.1 – 0.25	Skin Irrit. 2, H315 Eye Irrit. 2A, H319 Resp. Sens. 1, H334 STOT SE 3, H335
REACTION MASS OF ETHYLBENZENE (100-41-4)50% AND XYLENE (1330-20-7)50%	CAS-No.: 1330-20-7	0.1 – 0.25	Flam. Liq. 3, H226 Acute Tox. 5 (Oral), H303 Acute Tox. 4 (Dermal), H312 Acute Tox. 4 (Inhalation), H332 Acute Tox. 4 (Inhalation:vapour), H332 Skin Irrit. 2, H315 STOT SE 3, H335 STOT RE 2, H373 Asp. Tox. 1, H304 Aquatic Acute 2, H401 Aquatic Chronic 3, H412
HEXAMETHYLENE DIISOCYANATE	CAS-No.: 822-06-0	< 0.1	Acute Tox. 4 (Oral), H302 Acute Tox. 3 (Dermal), H311 Acute Tox. 3 (Inhalation), H331 Acute Tox. 1 (Inhalation:vapour), H330 Skin Irrit. 2, H315 Eye Irrit. 2A, H319 Resp. Sens. 1, H334 Skin Sens. 1, H317 STOT SE 3, H335 Aquatic Acute 3, H402 Aquatic Chronic 3, H412
dibutyltin dilaurate; dibutyl[bis(dodecanoyloxy)]stannane	CAS-No.: 77-58-7	< 0.1	Acute Tox. 5 (Oral), H303 Acute Tox. 5 (Dermal), H313 Muta. 2, H341 Repr. 1B, H360 STOT RE 1, H372 Aquatic Acute 1, H400 Aquatic Chronic 1, H410

3.2. Mixtures

Not applicable

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. People with over sensibility problems are not allowed to work or be exposed to the product.
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. If skin irritation or rash occurs: Get medical advice/attention.

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| 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 | : Do NOT induce vomiting. Rinse mouth out with water. |

4.2. Most important symptoms and effects, acute and delayed

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| Symptoms/effects | : Harmful if inhaled. May cause an allergic skin reaction. May cause respiratory irritation. |
| Symptoms/effects after inhalation | : May cause headache, nausea and irritation of respiratory tract. Inhalation may cause irritation (cough, short breathing, difficulty in breathing). |
| Symptoms/effects after skin contact | : Cracking of the skin. Prolonged or repeated contact may cause skin to become dry. |
| Symptoms/effects after eye contact | : May cause eye irritation. stinging. Redness. |
| Symptoms/effects after ingestion | : May cause irritation to the digestive tract. |
| Chronic symptoms | : May cause cancer. May cause heritable genetic damage. May damage fertility. May damage the unborn child. |

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

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| Suitable extinguishing media | : Dry chemical, CO ₂ , or water spray or regular foam. |
| Unsuitable extinguishing media | : Do not use a heavy water stream. |

5.2. Specific hazards arising from the chemical

- | | |
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| 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

- | | |
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| 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. |

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

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

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. 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. Absorb spilled material with sand or earth. Clear up rapidly by scoop or vacuum. Clean contaminated surfaces with an excess of water. Take up liquid spill into absorbent material.

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. Do not get in eyes, on skin, or on clothing. Contaminated work clothing should not be allowed out of the workplace. 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 container tightly closed. Keep cool. Protect from sunlight.

Incompatible materials

: combustible materials.

Packaging materials

: Always store 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 - OSHA - Occupational Exposure Limits

Local name

n-Butyl-acetate

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BUTYL ACETATE 123-86-4

OSHA PEL TWA	710 mg/m ³
	150 ppm
Regulatory reference (US-OSHA)	OSHA Annotated Table Z-1

2-ethoxyethyl acetate; ethylglycol acetate 111-15-9

USA - OSHA - Occupational Exposure Limits

Local name	2-Ethoxyethyl acetate (Cellosolve acetate)
OSHA PEL TWA	540 mg/m ³
	100 ppm
Regulatory reference (US-OSHA)	OSHA Annotated Table Z-1

ISOPENTYL ACETATE 123-92-2

USA - OSHA - Occupational Exposure Limits

Local name	Isomyl acetate
OSHA PEL TWA	525 mg/m ³
	100 ppm
Regulatory reference (US-OSHA)	OSHA Annotated Table Z-1

8.2. Appropriate engineering controls

Appropriate engineering controls : Ensure good ventilation of the work station.

8.3. Individual protection measures

Personal protective equipment:

Wear recommended personal protective equipment.

Hand protection:

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):



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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	: Not available
Flash point	: 31 °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	: 0.94 – 1.041 g/cm³
Solubility	: Material insoluble in water. Water: Material insoluble in water
Partition coefficient n-octanol/water (Log Kow)	: Not available
Auto-ignition temperature	: Not available
Decomposition temperature	: Not available
Viscosity, kinematic	: Not available
Particle size	: Not applicable
Particle size distribution	: Not applicable
Particle shape	: Not applicable
Particle aspect ratio	: Not applicable
Particle specific surface area	: Not applicable

SOLVENT NAPHTHA (PETROLEUM) LIGHT AROM64742-95-6

Boiling point	135 – 210 °C Source: NLM
Flash point	< 41 °C Source: IUCLID
Vapour pressure	8 hPa at 20°C Source: IUCLID

ALIPHATIC POLYISOCYANATE28182-81-2

Boiling point	194 °C
Flash point	170 °C

BUTYL ACETATE123-86-4

Boiling point	126.1 °C Source: HSDB
Flash point	22 °C Source: ICSC
Auto-ignition temperature	420 °C Source: ICSC
Vapour pressure	11.5 mm Hg at 25°C Source: hSDB

HEXAMETHYLENE DIISOCYANATE822-06-0

Boiling point	255 °C at 1013 Source: NCIS
Flash point	140 °C Source: ICSC

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HEXAMETHYLENE DIISOCYANATE822-06-0

Auto-ignition temperature	454 °C Source: ICSC
Vapour pressure	7 Pa at 25°C Source: ICSC

2-ethoxyethyl acetate; ethylglycol acetate111-15-9

Boiling point	156 °C Source: ICSC
Flash point	51 °C Source: ICSC
Auto-ignition temperature	380 °C Source: GESTIS
Vapour pressure	2.67 hPa at 20°C Source: GESTIS

ISOPENTYL ACETATE123-92-2

Boiling point	142 °C
Flash point	25 °C Source: ECHA
Auto-ignition temperature	379 °C Source: ECHA
Vapour pressure	4.5 mm Hg at 20°C Source: ECHA

REACTION MASS OF ETHYLBENZENE (100-41-4)50% AND XYLENE (1330-20-7)50%1330-20-7

Boiling point	138 °C Source: ICSC
Flash point	30 °C (ASTM D 93)
Auto-ignition temperature	≥ 528 °C Source: SRC
Vapour pressure	8.84 mm Hg at 25°C Source: SRC

dibutyltin dilaurate; dibutyl[bis(dodecanoyloxy)] stannane77-58-7

Boiling point	205 °C Atm. press.: 1,3 kPa
Flash point	189 – 193 °C Atm. press.: 101,325 kPa
Auto-ignition temperature	≥ 400 °C Source: ECHA
Vapour pressure	0.0000077 Pa Temp.: 25 °C

ABSORBING MOISTURE ADDITIVE4083-64-1

Boiling point	288 °C Source: The Chemical Database, The Department of Chemistry at the University of Akron
Flash point	145 °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

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Hazardous decomposition products	: smoking. Avoid contact with hot surfaces. High temperature. Avoid formation of vapours.
Incompatible materials	: May liberate toxic gases. : Materiais plásticos solúveis em Xileno. Não armazenar com materiais explosivos, gases inflamáveis e/ou tóxicos, substâncias oxidantes, corrosivas e materiais que possam. 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)	: Not available
Acute toxicity (inhalation)	: Inhalation:dust,mist: Harmful if inhaled.

SOLVENT NAPHTHA (PETROLEUM) LIGHT AROM (64742-95-6)

LD50 oral rat	8400 mg/kg Source: RTECS
LD50 dermal rat	> 2000 mg/kg Source: ECHA
LD50 dermal rabbit	> 2000 mg/kg
LC50 Inhalation - Rat (Vapours)	5.16 mg/l Source: ECHA

ALIPHATIC POLYISOCYANATE (28182-81-2)

LD50 oral rat	2000 mg/kg bodyweight
LD50 dermal rat	> 2000 mg/kg bodyweight
LC50 Inhalation - Rat	390 mg/m³

BUTYL ACETATE (123-86-4)

LD50 oral rat	3200 ml/kg Source: ECHA
LD50 dermal rabbit	> 17600 mg/kg Source: ECHA
LC50 Inhalation - Rat (Vapours)	1802 mg/l Source: ECHA

HEXAMETHYLENE DIISOCYANATE (822-06-0)

LD50 oral rat	710 mg/kg
LD50 dermal rat	> 7000 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 402 (Acute Dermal Toxicity)
LD50 dermal rabbit	599 mg/kg
LC50 Inhalation - Rat	0.124 mg/l air Animal: rat, Guideline: OECD Guideline 403 (Acute Inhalation Toxicity), 95% CL: 111 - 140
LC50 Inhalation - Rat (Vapours)	0.24 mg/l

2-ethoxyethyl acetate; ethylglycol acetate (111-15-9)

LD50 oral rat	3900 mg/kg
LD50 dermal rabbit	10500 mg/kg

ISOPENTYL ACETATE (123-92-2)

LD50 dermal rabbit	> 5000 mg/kg Source: ChemIDPLUS
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REACTION MASS OF ETHYLBENZENE (100-41-4)50% AND XYLENE (1330-20-7)50% (1330-20-7)

LD50 oral rat	3523 mg/kg Source: ECHA
LD50 dermal rabbit	12126 mg/kg bodyweight Animal: rabbit, Animal sex: male
LC50 Inhalation - Rat [ppm]	5922 ppm

dibutyltin dilaurate; dibutyl[bis(dodecanoyloxy)] stannane (77-58-7)

LD50 oral rat	2071 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 401 (Acute Oral Toxicity), 95% CL: 1207 - 5106
LD50 dermal rat	> 2000 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 402 (Acute Dermal Toxicity), Guideline: EU Method B.3 (Acute Toxicity (Dermal))
LC50 Inhalation - Rat	> 2000 mg/kg

ABSORBING MOISTURE ADDITIVE (4083-64-1)

LD50 oral rat	2234 mg/kg Source: National Library of Medicine
LC50 Inhalation - Rat (Vapours)	> 1290 mg/l Source: National Library of Medicine

Skin corrosion/irritation : Not available

BUTYL ACETATE (123-86-4)

pH	6.2 Source: ECHA
----	------------------

ISOPENTYL ACETATE (123-92-2)

pH	Not applicable
----	----------------

REACTION MASS OF ETHYLBENZENE (100-41-4)50% AND XYLENE (1330-20-7)50% (1330-20-7)

pH	7
----	---

Serious eye damage/irritation : Not available

BUTYL ACETATE (123-86-4)

pH	6.2 Source: ECHA
----	------------------

ISOPENTYL ACETATE (123-92-2)

pH	Not applicable
----	----------------

REACTION MASS OF ETHYLBENZENE (100-41-4)50% AND XYLENE (1330-20-7)50% (1330-20-7)

pH	7
----	---

Respiratory or skin sensitisation : May cause an allergic skin reaction.

Germ cell mutagenicity : May cause genetic defects.

Carcinogenicity : May cause cancer.

REACTION MASS OF ETHYLBENZENE (100-41-4)50% AND XYLENE (1330-20-7)50% (1330-20-7)

IARC group	3 - Not classifiable
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dibutyltin dilaurate; dibutyl[bis(dodecanoyloxy)] stannane (77-58-7)

NOAEL (animal/male, F0/P)	1.9 – 2.3 mg/kg bodyweight Animal: rat, Animal sex: male, Guideline: OECD Guideline 421 (Reproduction / Developmental Toxicity Screening Test)
NOAEL (animal/female, F0/P)	1.7 – 2.4 mg/kg bodyweight Animal: rat, Animal sex: female, Guideline: OECD Guideline 421 (Reproduction / Developmental Toxicity Screening Test)

Reproductive toxicity : May damage fertility or the unborn child.

STOT-single exposure : May cause respiratory irritation.

SOLVENT NAPHTHA (PETROLEUM) LIGHT AROM (64742-95-6)

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

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ALIPHATIC POLYISOCYANATE (28182-81-2)

STOT-single exposure	May cause respiratory irritation.
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BUTYL ACETATE (123-86-4)

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

HEXAMETHYLENE DIISOCYANATE (822-06-0)

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

REACTION MASS OF ETHYLBENZENE (100-41-4)50% AND XYLENE (1330-20-7)50% (1330-20-7)

STOT-single exposure	May cause respiratory irritation.
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ABSORBING MOISTURE ADDITIVE (4083-64-1)

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

STOT-repeated exposure : Not available

REACTION MASS OF ETHYLBENZENE (100-41-4)50% AND XYLENE (1330-20-7)50% (1330-20-7)

LOAEL (oral, rat, 90 days)	150 mg/kg bodyweight Animal: rat, Animal sex: male, Guideline: OECD Guideline 408 (Repeated Dose 90-Day Oral Toxicity Study in Rodents), Guideline: EPA OPP 82-1 (90-Day Oral Toxicity)
----------------------------	---

STOT-repeated exposure	May cause damage to organs through prolonged or repeated exposure.
------------------------	--

dibutyltin dilaurate; dibutyl[bis(dodecanoyloxy)] stannane (77-58-7)

STOT-repeated exposure	Causes damage to organs through prolonged or repeated exposure.
------------------------	---

Aspiration hazard : Not available

SOLVENT NAPHTHA (PETROLEUM) LIGHT AROM (64742-95-6)

Viscosity, kinematic	< 1 mm ² /s Temp.: 'other:' Parameter: 'kinematic viscosity (in mm ² /s)'
----------------------	---

ALIPHATIC POLYISOCYANATE (28182-81-2)

Viscosity, kinematic	7142.857 – 13392.857 mm ² /s
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BUTYL ACETATE (123-86-4)

Viscosity, kinematic	0.841 mm ² /s
----------------------	--------------------------

REACTION MASS OF ETHYLBENZENE (100-41-4)50% AND XYLENE (1330-20-7)50% (1330-20-7)

Viscosity, kinematic	≈ 0.76 mm ² /s Temp.: '20°C' Parameter: 'kinematic viscosity (in mm ² /s)'
----------------------	--

dibutyltin dilaurate; dibutyl[bis(dodecanoyloxy)] stannane (77-58-7)

Viscosity, kinematic	68.571 mm ² /s
----------------------	---------------------------

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

Symptoms/effects	: Harmful if inhaled. May cause an allergic skin reaction. May cause respiratory irritation.
Symptoms/effects after inhalation	: May cause headache, nausea and irritation of respiratory tract. Inhalation may cause irritation (cough, short breathing, difficulty in breathing).
Symptoms/effects after skin contact	: Cracking of the skin. Prolonged or repeated contact may cause skin to become dry.
Symptoms/effects after eye contact	: May cause eye irritation. stinging. Redness.
Symptoms/effects after ingestion	: May cause irritation to the digestive tract.
Chronic symptoms	: May cause cancer. May cause heritable genetic damage. May damage fertility. May damage the unborn child.

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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.

SOLVENT NAPHTHA (PETROLEUM) LIGHT AROM64742-95-6

LC50 - Fish [1]	9.22 mg/l Source: IUCLID
EC50 - Crustacea [1]	6.14 mg/l Source: IUCLID
EC50 72h - Algae [1]	19 mg/l Source: IUCLID

ALIPHATIC POLYISOCYANATE28182-81-2

LC50 - Fish [1]	100 mg/l
EC50 - Crustacea [1]	127 mg/l
EC50 72h - Algae [1]	1000 mg/l
NOEC chronic algae	370 mg/l

BUTYL ACETATE123-86-4

LC50 - Fish [1]	18 mg/l Source: ECHA
EC50 - Crustacea [1]	44 mg/l Source: ECHA
EC50 72h - Algae [1]	335 mg/l Source: ECHA

HEXAMETHYLENE DIISOCYANATE822-06-0

LC50 - Fish [1]	≥ 82.8 mg/l Source: ECHA
EC50 72h - Algae [1]	> 77.4 mg/l Source: ECHA

2-ethoxyethyl acetate; ethylglycol acetate111-15-9

LC50 - Fish [1]	42.2 mg/l Source: HSDB
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ISOPENTYL ACETATE123-92-2

LC50 - Fish [1]	36 mg/l Source: ECHA
EC50 - Crustacea [1]	42 mg/l Source: ECHA

REACTION MASS OF ETHYLBENZENE (100-41-4)50% AND XYLENE (1330-20-7)50%1330-20-7

LC50 - Fish [1]	2.6 mg/l Source: ECHA
EC50 - Crustacea [1]	3.4 mg/l Test organisms (species): Ceriodaphnia dubia
ErC50 algae	2.2 mg/l
LOEC (chronic)	3.16 mg/l Test organisms (species): Daphnia magna Duration: '21 d'
NOEC chronic fish	> 1.3 mg/l Test organisms (species): Oncorhynchus mykiss (previous name: Salmo gairdneri) Duration: '56 d'

dibutyltin dilaurate; dibutyl[bis(dodecanoyloxy)] stannane77-58-7

LC50 - Fish [1]	21.2 mg/l Test organisms (species): Danio rerio (previous name: Brachydanio rerio)
EC50 - Crustacea [1]	1.7 – 3.4 mg/l Test organisms (species): Daphnia magna
EC50 - Crustacea [2]	463 µg/l Test organisms (species): Daphnia magna

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dibutyltin dilaurate; dibutyl[bis(dodecanoyloxy)] stannane77-58-7

EC50 72h - Algae [1]

1 mg/l Source: ECHA

ABSORBING MOISTURE ADDITIVE4083-64-1

LC50 - Fish [1]

133 mg/l Source: Ecological Structure Activity Relationships

12.2. Persistence and degradability

Waiting Name

Persistence and degradability

Not rapidly degradable

SOLVENT NAPHTHA (PETROLEUM) LIGHT AROM64742-95-6

Persistence and degradability

Not rapidly degradable

ALIPHATIC POLYISOCYANATE28182-81-2

Persistence and degradability

Not rapidly degradable

BUTYL ACETATE123-86-4

Persistence and degradability

Not rapidly degradable

HEXAMETHYLENE DIISOCYANATE822-06-0

Persistence and degradability

Not rapidly degradable

2-ethoxyethyl acetate; ethylglycol acetate111-15-9

Persistence and degradability

Not rapidly degradable

ISOPENTYL ACETATE123-92-2

Persistence and degradability

Not rapidly degradable

REACTION MASS OF ETHYLBENZENE (100-41-4)50% AND XYLENE (1330-20-7)50%1330-20-7

Persistence and degradability

Not rapidly degradable

dibutyltin dilaurate; dibutyl[bis(dodecanoyloxy)] stannane77-58-7

Persistence and degradability

Not rapidly degradable

ABSORBING MOISTURE ADDITIVE4083-64-1

Persistence and degradability

Not rapidly degradable

12.3. Bioaccumulative potential

SOLVENT NAPHTHA (PETROLEUM) LIGHT AROM64742-95-6

Partition coefficient n-octanol/water (Log Pow)

2.1 – 6 Source: IUCLID

BUTYL ACETATE123-86-4

Partition coefficient n-octanol/water (Log Pow)

1.78 Source: HSDB

HEXAMETHYLENE DIISOCYANATE822-06-0

Partition coefficient n-octanol/water (Log Pow)

1.08 Source: ICSC

2-ethoxyethyl acetate; ethylglycol acetate111-15-9

Partition coefficient n-octanol/water (Log Pow)

0.24 Source: GESTIS

ISOPENTYL ACETATE123-92-2

Partition coefficient n-octanol/water (Log Pow)

2.13 Source: ICSC

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REACTION MASS OF ETHYLBENZENE (100-41-4)50% AND XYLENE (1330-20-7)50%1330-20-7

Partition coefficient n-octanol/water (Log Pow)	3.15 Source: HSDB
---	-------------------

dibutyltin dilaurate; dibutyl[bis(dodecanoyloxy)] stannane77-58-7

Partition coefficient n-octanol/water (Log Pow)	4.44 Source: ECHA
---	-------------------

ABSORBING MOISTURE ADDITIVE4083-64-1

Partition coefficient n-octanol/water (Log Pow)	2.34
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12.4. Mobility in soil

HEXAMETHYLENE DIISOCYANATE822-06-0

Mobility in soil	5 – 286 Source: ECHA
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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	: 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		
MATERIAL RELACIONADO COM TINTAS	PAINT RELATED MATERIAL	Paint related material
Transport document description		
Not applicable	UN 1263 PAINT RELATED MATERIAL, 3, III (31°C c.c.)	UN 1263 Paint related material, 3, III
Transport hazard class(es)		
3	3	3
Danger labels		
3	3	3
		
Subsidiary risk		
Not applicable	Not applicable	Not applicable

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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 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 Abstracts 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

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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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