Safety Data Sheet

According to ABNT NBR 14725: 2023 Issue date: 4/28/2025 Version: 1.0



SECTION 1: Identification

1.1. GHS Product identifier

Product form : Mixture

Trade name : W-POXI GALVANIC WINTER COMPONENT B

Product code : 16676843

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

WEG TINTAS LTDA - GRUPO WEG.

16676843

Safety Data Sheet

According to ABNT NBR 14725: 2023

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

Skin corrosion/irritation, Category 2

Serious eye damage/eye irritation, Category 1

Specific target organ toxicity — Single exposure, Category 3, Narcosis

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

H315 - Causes skin irritation

H318 - Causes serious eye damage

H336 - May cause drowsiness or dizziness

Precautionary statements (GHS BR) : 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.

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.

P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove

contact lenses, if present and easy to do. Continue rinsing. P310 - Immediately call a POISON CENTER or a doctor.

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

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

P332+P313 - If skin irritation occurs: Get medical advice or attention.

WEG TINTAS LTDA - GRUPO WEG.

16676843

Safety Data Sheet

According to ABNT NBR 14725: 2023

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

Not applicable

3.2. Mixtures

Name	GHS Product identifier	%	Classification according to GHS BR (ABNT NBR 14725: 2023)
SOLVENT ACETATO DE ETILA	CAS-No.: 141-78-6	50 – 60	Flam. Liq. 2, H225 Eye Irrit. 2A, H319 STOT SE 3, H336
SOLVENT ISOPROPANOL	CAS-No.: 67-63-0	20 – 40	Flam. Liq. 2, H225 Eye Irrit. 2A, H319 STOT SE 3, H336
SOLVENT ISOBUTHANOL	CAS-No.: 78-83-1	10 – 20	Flam. Liq. 3, H226 Skin Irrit. 2, H315 Eye Dam. 1, H318 STOT SE 3, H336 STOT SE 3, H335
phosphoric acid %, orthophosphoric acid %	CAS-No.: 7664-38-2	1 – 5	Acute Tox. 5 (Oral), H303 Acute Tox. 5 (Dermal), H313 Skin Corr. 1, H314 Aquatic Acute 3, H402

SECTION 4: First-aid measures

4.1. Description of necessary first-aid measures

First-aid measures general : If you feel unwell, seek medical advice.

First-aid measures after inhalation : Remove person to fresh air and keep comfortable for breathing. Give oxygen or artificial

respiration if necessary. Immediately call a POISON CENTER/doctor.

First-aid measures after skin contact : After contact with skin, take off immediately all contaminated clothing, and wash

immediately with plenty of water. Be careful, the product may remain trapped under

clothing, footwear or a wrist-watch.

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 : May cause severe burns. Causes serious eye damage. 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

WEG TINTAS LTDA - GRUPO WEG.

16676843

Safety Data Sheet

According to ABNT NBR 14725: 2023

nervous system, headaches, dizziness, drowsiness, loss of coordination.

Symptoms/effects after skin contact : Causes skin irritation. irritation (itching, redness, blistering). Causes severe burns.

Symptoms/effects after eye contact : stinging. Redness. Causes serious eye damage. redness, itching, tears. Symptoms/effects after ingestion : Burns or irritation of the linings of the mouth, throat, and gastrointestinal tract.

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 : 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

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.

WEG TINTAS LTDA - GRUPO WEG.

16676843

Safety Data Sheet

According to ABNT NBR 14725: 2023

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 : Absorb spilled material with sand or earth. 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. 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. When heated, material emits highly irritating vapours, affecting the eyes. 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.

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

SOLVENT ACETATO DE ETILA 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/m³	
	400 ppm	
Regulatory reference (US-OSHA)	OSHA Annotated Table Z-1	

16676843

Safety Data Sheet

According to ABNT NBR 14725: 2023

Local name 2-Propanol ACGIH® TLV® TWA 200 ppm ACGIH® TLV® STEL 400 ppm Remark (ACGIH) TLV® STEL 400 ppm Remark (ACGIH) TLV® STEL 400 ppm Regulatory reference ACGIH 2024 USA - OSHA - Occupational Exposure Limits Local name Isopropyl alcohol OSHA PEL TWA 980 mg/m² A00 ppm Regulatory reference (US-OSHA) SPM Annotated Table Z-1 SOLVENT ISOBUTHANOL 78-83-1 USA - ACGIH - Occupational Exposure Limits Local name Isopropyl alcohol ACGIH® TLV® TWA 50 ppm Regulatory reference (US-OSHA) SPM Annotated Table Z-1 SOLVENT ISOBUTHANOL 78-83-1 USA - ACGIH - Occupational Exposure Limits Local name Isopropyl ACGIH 2024 USA - OSHA - Occupational Exposure Limits Local name ACGIH 2024 USA - OSHA - Occupational Exposure Limits Local name Isopropyl ACGIH 2024 USA - OSHA - Occupational Exposure Limits Local name OSHA PEL TWA 200 mg/m² 100 ppm Regulatory reference (US-OSHA) OSHA Annotated Table Z-1 phosphoric acid %, orthophosphoric acid % 7664-38-2 USA - ACGIH - Occupational Exposure Limits Local name Phosphoric acid % 7664-38-2 USA - ACGIH - Occupational Exposure Limits Local name Phosphoric acid % 7664-38-2 USA - ACGIH - Occupational Exposure Limits Local name Phosphoric acid % 7664-38-2 USA - ACGIH - Occupational Exposure Limits Local name Phosphoric acid % 7664-38-2 USA - ACGIH - Occupational Exposure Limits Local name Phosphoric acid % 7664-38-2 USA - ACGIH - Occupational Exposure Limits Local name Phosphoric acid % 7664-38-2 USA - ACGIH - Occupational Exposure Limits Local name Phosphoric acid % 7664-38-2 USA - OSHA - Occupational Exposure Limits Local name Phosphoric acid % 7664-38-2 USA - OSHA - Occupational Exposure Limits Local name Phosphoric acid % 7664-38-2 USA - OSHA - Occupational Exposure Limits Local name Phosphoric acid % 7664-38-2 USA - OSHA - Occupational Exposure Limits Local name Phosphoric acid % 7664-38-2 USA - OSHA - Occupational Exposure Limits % 7664-38-2 USA - OSHA - Occupational Exposure Limits % 7664-38-2 USA - OSHA - Occupat	SOLVENT ISOPROPANOL 67-63-0		
ACGIH® TLV® TWA 200 ppm ACGIH® TLV® STEL 400 ppm Remark (ACGIH) TLV® STEL 400 ppm Regulatory reference ACGIH 2024 USA - OSHA - Occupational Exposure Limits Local name Isopropyl alcohol OSHA PEL TWA 980 mg/m² 400 ppm Regulatory reference (US-OSHA) OSHA Annotated Table Z-1 SOLVENT ISOBUTHANOL 78-83-1 USA - ACGIH 2024 USA - ACGIH 2024 Local name Isobutanol ACGIH 2024 USA - OSHA - Occupational Exposure Limits Local name Isobutanol ACGIH® TLV® TWA 50 ppm Regulatory reference (US-OSHA) Solvent Isopropyl alcohol OSHA PEL TWA 50 ppm Regulatory reference ACGIH 2024 USA - ACGIH - Occupational Exposure Limits Local name Isobutyl alcohol OSHA PEL TWA 300 mg/m² 100 ppm Regulatory reference (US-OSHA) OSHA Annotated Table Z-1 Phosphoric acid %, orthophosphoric acid % 7664-38-2 USA - ACGIH - Occupational Exposure Limits Local name Phosphoric acid ACGIH® TLV® TWA 1 mg/m² ACGIH® TLV® TWA 3 mg/m² Regulatory reference (US-OSHA) Turw Phosphoric acid % 7664-38-2 USA - ACGIH - Occupational Exposure Limits Local name Phosphoric acid ACGIH® TLV® TWA 1 mg/m² Regulatory reference ACGIH 2024 USA - ACGIH - Occupational Exposure Limits Local name Phosphoric acid ACGIH® TLV® TWA 1 mg/m² Regulatory reference ACGIH 2024 USA - OSHA - Occupational Exposure Limits Local name Phosphoric acid % 7664-38-2 USA - ACGIH - Occupational Exposure Limits Local name Phosphoric acid % 7664-38-2 USA - OSHA - Occupational Exposure Limits Local name Phosphoric acid % 7664-38-2 USA - OSHA - Occupational Exposure Limits Local name Phosphoric acid % 7664-38-2 USA - OSHA - Occupational Exposure Limits Local name Phosphoric acid % 7664-38-2 USA - OSHA - Occupational Exposure Limits Local name Phosphoric acid % 7664-38-2 USA - OSHA - Occupational Exposure Limits Local name Phosphoric acid % 7664-38-2 USA - OSHA - Occupational Exposure Limits	USA - ACGIH - Occupational Exposure Limits		
ACGIH® TLV® STEL 400 ppm Remark (ACGIH) TLV® Basis: Eye & URT irr; CNS impair, Notations: A4 (Not classifiable as a Human Carcinogen); BEI Regulatory reference ACGIH 2024 USA - OSHA - Occupational Exposure Limits Local name Isopropyl alcohol OSHA PEL TWA 980 mg/m² 400 ppm Regulatory reference (US-OSHA) OSHA Annotated Table Z-1 SOLVENT ISOBUTHANOL 78-83-1 USA - ACGIH - Occupational Exposure Limits Local name Isobutanol ACGIH® TLV® TWA 50 ppm Remark (ACGIH) TLV® TWA 50 ppm Regulatory reference (US-OSHA) Solvent Limits Local name Isobutyl alcohol OSHA PEL TWA 300 mg/m² 100 ppm Regulatory reference (US-OSHA) OSHA Annotated Table Z-1 phosphoric acid %, orthophosphoric acid % 7664-38-2 USA - ACGIH - Occupational Exposure Limits Local name Phosphoric acid ACGIH® TLV® TWA 300 mg/m² 100 ppm Regulatory reference (US-OSHA) OSHA Annotated Table Z-1 phosphoric acid %, orthophosphoric acid % 7664-38-2 USA - ACGIH - Occupational Exposure Limits Local name Phosphoric acid ACGIH® TLV® TWA 1 mg/m² ACGIH® TLV® TWA 1 mg/m² Regulatory reference (US-OSHA) TLV® Basis: URT, eye, & skin irr Regulatory reference (US-OSHA) TLV® STEL 3 mg/m² Regulatory reference (US-OSHA) TLV® Dasis: URT, eye, & skin irr Regulatory reference (US-OSHA) TLV® Dasis: URT, eye, & skin irr Regulatory reference (US-OSHA) TLV® Dasis: URT, eye, & skin irr Regulatory reference (US-OSHA) TLV® Dasis: URT, eye, & skin irr Regulatory reference (US-OSHA) TLV® Dasis: URT, eye, & skin irr	Local name	2-Propanol	
Regulatory reference (US-OSHA) Source Limits Local name Isobutanol ACGIH 204 USA - OSHA - Occupational Exposure Limits Local name Isobutanol ACGIH 204 SOLVENT ISOBUTHANOL 78-83-1 USA - ACGIH - Occupational Exposure Limits Local name Isobutanol ACGIH 204 SOLVENT ISOBUTHANOL 78-83-1 USA - ACGIH - Occupational Exposure Limits Local name Isobutanol ACGIH 204 ACGIH 204 USA - OSHA - Occupational Exposure Limits Local name Isobutanol ACGIH 204 USA - ACGIH - Occupational Exposure Limits Local name Isobutanol ACGIH 204 USA - OSHA - Occupational Exposure Limits Local name Isobuty alcohol OSHA - Occupational Exposure Limits Local name Isobuty alcohol OSHA - Occupational Exposure Limits Local name Isobuty alcohol OSHA - Occupational Exposure Limits Local name Isobuty alcohol OSHA - Occupational Exposure Limits Local name Isobuty alcohol OSHA - Annotated Table Z-1 phosphoric acid %, orthophosphoric acid % 7664-38-2 USA - ACGIH - Occupational Exposure Limits Local name Phosphoric acid ACGIH® TLV® TWA 1 mg/m³ Remark (ACGIH) TLV® STEL 3 mg/m³ Remark (ACGIH) TLV® STEL 3 mg/m³ Remark (ACGIH) TLV® Sasis: URT, eye, & skin irr Regulatory reference ACGIH 2024 USA - OSHA - Occupational Exposure Limits Local name Phosphoric acid OSHA PEL TWA 1 mg/m³	ACGIH® TLV® TWA	200 ppm	
Regulatory reference ACGIH 2024 USA - OSHA - Occupational Exposure Limits Local name Isopropyl alcohol OSHA PEL TWA 880 mg/m² 400 ppm Regulatory reference (US-OSHA) OSHA Annotated Table Z-1 SOLVENT ISOBUTHANOL 78-83-1 USA - ACGIH - Occupational Exposure Limits Local name Isobutanol ACGIH 2024 WSA - OSHA - Occupational Exposure Limits Local name Isobutyl alcohol OSHA PEL TWA 300 mg/m² 100 ppm Regulatory reference (US-OSHA) OSHA Annotated Table Z-1 phosphoric acid %, orthophosphoric acid % 7664-38-2 USA - ACGIH - Occupational Exposure Limits Local name Phosphoric acid ACGIH® TLV® TWA 1 mg/m³ Remark (ACGIH) TLV® Basis: URT, eye, & skin irr Remark (ACGIH) TLV® Basis: URT, eye, & skin irr Regulatory reference ACGIH 2024 USA - OSHA - Occupational Exposure Limits	ACGIH® TLV® STEL	400 ppm	
Solar - Oscupational Exposure Limits Sopropyl alcohol	Remark (ACGIH)	· · · · · · · · · · · · · · · · · · ·	
Sopropyl alcohol SoPrice Sopropyl alcohol SoPrice Sopropyl alcohol Sopropyl a	Regulatory reference	ACGIH 2024	
SON MAPEL TWA 980 mg/m² 400 ppm	USA - OSHA - Occupational Exposure Limits		
A00 ppm	Local name	Isopropyl alcohol	
Regulatory reference (US-OSHA) SOLVENT ISOBUTHANOL 78-83-1 USA - ACGIH - Occupational Exposure Limits Local name ACGIH® TLV® TWA S0 ppm Remark (ACGIH) Regulatory reference USA - Occupational Exposure Limits Local name Isobutanol ACGIH 2024 USA - OSHA - Occupational Exposure Limits Local name Regulatory reference (US-OSHA) OSHA Annotated Table Z-1 Phosphoric acid %, orthophosphoric acid % 7664-38-2 USA - ACGIH - Occupational Exposure Limits Local name Phosphoric acid ACGIH® TLV® TWA 1 mg/m³ ACGIH® TLV® STEL Remark (ACGIH) Regulatory reference ACGIH 2024 USA - OSHA - Occupational Exposure Limits Local name Phosphoric acid ACGIH® TLV® STEL Remark (ACGIH) Regulatory reference ACGIH 2024 USA - OSHA - Occupational Exposure Limits Local name Phosphoric acid ACGIH® TLV® STEL Remark (ACGIH) Regulatory reference ACGIH 2024 USA - OSHA - Occupational Exposure Limits Local name Phosphoric acid Phosphoric acid OSHA PEL TWA 1 mg/m³	OSHA PEL TWA	980 mg/m³	
SOLVENT ISOBUTHANOL 78-83-1 USA - ACGIH - Occupational Exposure Limits Local name		400 ppm	
Sobutanol Sobu	Regulatory reference (US-OSHA)	OSHA Annotated Table Z-1	
Isobutanol Iso	SOLVENT ISOBUTHANOL 78-83-1		
ACGIH® TLV® TWA Remark (ACGIH) Regulatory reference ACGIH 2024 USA - OSHA - Occupational Exposure Limits Local name Isobutyl alcohol OSHA PEL TWA 300 mg/m³ 100 ppm Regulatory reference (US-OSHA) OSHA Annotated Table Z-1 phosphoric acid %, orthophosphoric acid % 7664-38-2 USA - ACGIH - Occupational Exposure Limits Local name Phosphoric acid ACGIH® TLV® TWA 1 mg/m³ ACGIH® TLV® STEL Remark (ACGIH) TLV® Basis: URT, eye, & skin irr Regulatory reference USA - OSHA - Occupational Exposure Limits Local name Phosphoric acid TLV® Basis: URT, eye, & skin irr Regulatory reference ACGIH 2024 USA - OSHA - Occupational Exposure Limits Local name Phosphoric acid	USA - ACGIH - Occupational Exposure Limits		
Remark (ACGIH) Regulatory reference ACGIH 2024 USA - OSHA - Occupational Exposure Limits Local name Isobutyl alcohol OSHA PEL TWA 300 mg/m³ 100 ppm Regulatory reference (US-OSHA) OSHA Annotated Table Z-1 phosphoric acid %, orthophosphoric acid % 7664-38-2 USA - ACGIH - Occupational Exposure Limits Local name Phosphoric acid ACGIH® TLV® TWA 1 mg/m³ ACGIH® TLV® STEL 3 mg/m³ Remark (ACGIH) TLV® Basis: URT, eye, & skin irr Regulatory reference ACGIH 2024 USA - OSHA - Occupational Exposure Limits Local name Phosphoric acid TLV® Basis: URT, eye, & skin irr Regulatory reference ACGIH 2024 USA - OSHA - Occupational Exposure Limits Local name Phosphoric acid 1 mg/m³	Local name	Isobutanol	
Regulatory reference ACGIH 2024 USA - OSHA - Occupational Exposure Limits Local name Isobutyl alcohol OSHA PEL TWA 300 mg/m³ 100 ppm Regulatory reference (US-OSHA) OSHA Annotated Table Z-1 phosphoric acid %, orthophosphoric acid % 7664-38-2 USA - ACGIH - Occupational Exposure Limits Local name Phosphoric acid ACGIH® TLV® TWA 1 mg/m³ ACGIH® TLV® STEL 3 mg/m³ Remark (ACGIH) TLV® STEL 3 mg/m³ Remark (ACGIH) TLV® STEL 3 mg/m³ Regulatory reference ACGIH 2024 USA - OSHA - Occupational Exposure Limits Local name Phosphoric acid OSHA PEL TWA 1 mg/m³	ACGIH® TLV® TWA	50 ppm	
USA - OSHA - Occupational Exposure Limits Local name Isobutyl alcohol OSHA PEL TWA 300 mg/m³ 100 ppm Regulatory reference (US-OSHA) OSHA Annotated Table Z-1 phosphoric acid %, orthophosphoric acid % 7664-38-2 USA - ACGIH - Occupational Exposure Limits Local name Phosphoric acid ACGIH® TLV® TWA 1 mg/m³ ACGIH® TLV® STEL 3 mg/m³ Remark (ACGIH) TLV® Basis: URT, eye, & skin irr Regulatory reference ACGIH 2024 USA - OSHA - Occupational Exposure Limits Local name Phosphoric acid	Remark (ACGIH)	TLV® Basis: Skin & eye irr	
Local name Isobutyl alcohol OSHA PEL TWA 300 mg/m³ 100 ppm Regulatory reference (US-OSHA) OSHA Annotated Table Z-1 phosphoric acid %, orthophosphoric acid % 7664-38-2 USA - ACGIH - Occupational Exposure Limits Local name Phosphoric acid ACGIH® TLV® TWA 1 mg/m³ ACGIH® TLV® STEL 3 mg/m³ Remark (ACGIH) TLV® Basis: URT, eye, & skin irr Regulatory reference ACGIH 2024 USA - OSHA - Occupational Exposure Limits Local name Phosphoric acid OSHA PEL TWA 1 mg/m³	Regulatory reference	ACGIH 2024	
OSHA PEL TWA 300 mg/m³ 100 ppm Regulatory reference (US-OSHA) OSHA Annotated Table Z-1 phosphoric acid %, orthophosphoric acid % 7664-38-2 USA - ACGIH - Occupational Exposure Limits Local name Phosphoric acid ACGIH® TLV® TWA 1 mg/m³ ACGIH® TLV® STEL 3 mg/m³ Remark (ACGIH) TLV® Basis: URT, eye, & skin irr Regulatory reference ACGIH 2024 USA - OSHA - Occupational Exposure Limits Local name Phosphoric acid OSHA PEL TWA 1 mg/m³	USA - OSHA - Occupational Exposure Limits		
Regulatory reference (US-OSHA) OSHA Annotated Table Z-1 phosphoric acid %, orthophosphoric acid % 7664-38-2 USA - ACGIH - Occupational Exposure Limits Local name Phosphoric acid ACGIH® TLV® TWA 1 mg/m³ ACGIH® TLV® STEL 3 mg/m³ Remark (ACGIH) TLV® Basis: URT, eye, & skin irr Regulatory reference ACGIH 2024 USA - OSHA - Occupational Exposure Limits Local name Phosphoric acid OSHA PEL TWA 1 mg/m³	Local name	Isobutyl alcohol	
Regulatory reference (US-OSHA) OSHA Annotated Table Z-1 phosphoric acid %, orthophosphoric acid % 7664-38-2 USA - ACGIH - Occupational Exposure Limits Local name Phosphoric acid ACGIH® TLV® TWA 1 mg/m³ ACGIH® TLV® STEL 3 mg/m³ Remark (ACGIH) TLV® Basis: URT, eye, & skin irr Regulatory reference ACGIH 2024 USA - OSHA - Occupational Exposure Limits Local name Phosphoric acid OSHA PEL TWA 1 mg/m³	OSHA PEL TWA	300 mg/m³	
phosphoric acid %, orthophosphoric acid % 7664-38-2 USA - ACGIH - Occupational Exposure Limits Local name Phosphoric acid ACGIH® TLV® TWA 1 mg/m³ ACGIH® TLV® STEL 3 mg/m³ Remark (ACGIH) TLV® Basis: URT, eye, & skin irr Regulatory reference ACGIH 2024 USA - OSHA - Occupational Exposure Limits Local name Phosphoric acid OSHA PEL TWA 1 mg/m³		100 ppm	
Local name Phosphoric acid ACGIH® TLV® TWA 1 mg/m³ ACGIH® TLV® STEL 3 mg/m³ Remark (ACGIH) TLV® Basis: URT, eye, & skin irr Regulatory reference ACGIH 2024 USA - OSHA - Occupational Exposure Limits Local name Phosphoric acid OSHA PEL TWA 1 mg/m³	Regulatory reference (US-OSHA)	OSHA Annotated Table Z-1	
Local name Phosphoric acid 1 mg/m³ ACGIH® TLV® TWA 1 mg/m³ Remark (ACGIH) TLV® Basis: URT, eye, & skin irr Regulatory reference ACGIH 2024 USA - OSHA - Occupational Exposure Limits Local name Phosphoric acid 1 mg/m³	phosphoric acid %, orthophosphoric acid .	% 7664-38-2	
ACGIH® TLV® TWA 1 mg/m³ ACGIH® TLV® STEL 3 mg/m³ Remark (ACGIH) TLV® Basis: URT, eye, & skin irr Regulatory reference ACGIH 2024 USA - OSHA - Occupational Exposure Limits Local name Phosphoric acid OSHA PEL TWA 1 mg/m³	USA - ACGIH - Occupational Exposure Limits		
ACGIH® TLV® STEL 3 mg/m³ TLV® Basis: URT, eye, & skin irr Regulatory reference ACGIH 2024 USA - OSHA - Occupational Exposure Limits Local name Phosphoric acid OSHA PEL TWA 1 mg/m³	Local name	Phosphoric acid	
Remark (ACGIH) TLV® Basis: URT, eye, & skin irr ACGIH 2024 USA - OSHA - Occupational Exposure Limits Local name Phosphoric acid OSHA PEL TWA 1 mg/m³	ACGIH® TLV® TWA	1 mg/m³	
Regulatory reference ACGIH 2024 USA - OSHA - Occupational Exposure Limits Local name Phosphoric acid OSHA PEL TWA 1 mg/m³	ACGIH® TLV® STEL	3 mg/m³	
USA - OSHA - Occupational Exposure Limits Local name Phosphoric acid OSHA PEL TWA 1 mg/m³	Remark (ACGIH)	TLV® Basis: URT, eye, & skin irr	
Local name Phosphoric acid OSHA PEL TWA 1 mg/m³	Regulatory reference	ACGIH 2024	
OSHA PEL TWA 1 mg/m³	USA - OSHA - Occupational Exposure Limits		
	Local name	Phosphoric acid	
Regulatory reference (US-OSHA) OSHA Annotated Table Z-1	OSHA PEL TWA	1 mg/m³	
	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.

WEG TINTAS LTDA – GRUPO WEG.

16676843

Safety Data Sheet

According to ABNT NBR 14725: 2023

8.3. Individual protection measures

Personal protective equipment:

Wear recommended personal protective equipment.

Hand protection:

Protective gloves made of PVC. Nitrile rubber gloves

Eye protection:

Wear closed safety glasses

Skin and body protection:

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 Colourless Odour characteristic Odour threshold Not available pН Not applicable Melting point Not available Freezing point Not available Boiling point Not available : 30 °C Flash point 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 : 0.82 - 0.92 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

WEG TINTAS LTDA - GRUPO WEG.

16676843

Safety Data Sheet

According to ABNT NBR 14725: 2023

Particle shape : Not applicable
Particle aspect ratio : Not applicable
Particle specific surface area : Not applicable

SOLVENT ISOPROPANOL67-63-0	
Boiling point 82 °C (CHEMSAFE)	
Flash point	21 °C

phosphoric acid %, orthophosphoric acid %7664-38-2		
Boiling point	296.5 °C Atm. press.: 983 hPa	
Vapour pressure	0.03 mm Hg at 20°C Source: ECHA	

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) : Not available
Acute toxicity (inhalation) : Not available

phosphoric acid %, orthophosphoric acid % (7664-38-2)	
LD50 oral rat	3500 mg/kg Source: ECHA
LD50 dermal rabbit	2740 mg/kg Source: ECHA

Skin corrosion/irritation : Causes skin irritation. pH: Not applicable

phosphoric acid %, orthophosphoric acid	% (7664-38-2)
pH	1

Serious eye damage/irritation : Causes serious eye damage.

pH: Not applicable

phosphoric acid %, orthophosphoric acid .	% (7664-38-2)
рН	1

Respiratory or skin sensitisation : Not available

WEG TINTAS LTDA - GRUPO WEG.

16676843

Safety Data Sheet

According to ABNT NBR 14725: 2023

Germ cell mutagenicity : Not available Carcinogenicity : Not available

SOLVENT ISOPROPANOL (67-63-0)

IARC group 3 - Not classifiable

Reproductive toxicity : Not available

STOT-single exposure : May cause drowsiness or dizziness.

SOLVENT ACETATO DE ETILA (141-78-6)

STOT-single exposure May cause drowsiness or dizziness.

SOLVENT ISOPROPANOL (67-63-0)

STOT-single exposure May cause drowsiness or dizziness.

SOLVENT ISOBUTHANOL (78-83-1)

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

STOT-repeated exposure : Not available
Aspiration hazard : Not available

SOLVENT ISOPROPANOL (67-63-0)

Viscosity, kinematic 3.077 mm²/s

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

Symptoms/effects : May cause severe burns. Causes serious eye damage. 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 : Causes skin irritation. irritation (itching, redness, blistering). Causes severe burns.

Symptoms/effects after eye contact : stinging. Redness. Causes serious eye damage. redness, itching, tears.

Symptoms/effects after ingestion : Burns or irritation of the linings of the mouth, throat, and gastrointestinal tract.

SECTION 12: Ecological information

12.1. Toxicity

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

(acute)

Hazardous to the aquatic environment, long-term : Not available

(chronic)

phosphoric acid %, orthophosphoric acid %7664-38-2		
LC50 - Fish [1]	75.1 mg/l Source: ECHA	
EC50 - Crustacea [1]	100 mg/l Test organisms (species): Daphnia magna	
EC50 72h - Algae [1]	100 mg/l Test organisms (species): Desmodesmus subspicatus (previous name: Scenedesmus subspicatus)	

12.2. Persistence and degradability

W-POXI GALVANIC WINTER COMPONENT B		
Persistence and degradability Not rapidly degradable		
SOLVENT ACETATO DE ETILA141-78-6		
Persistence and degradability Not rapidly degradable		

WEG TINTAS LTDA - GRUPO WEG.

16676843

Safety Data Sheet

According to ABNT NBR 14725: 2023

SOLVENT ISOPROPANOL67-63-0		
Persistence and degradability	Not rapidly degradable	
SOLVENT ISOBUTHANOL78-83-1		
Persistence and degradability	Not rapidly degradable	
phosphoric acid %, orthophosphoric acid %7664-38-2		
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

Other adverse effects

: May cause pH changes in aqueous ecological systems. Before neutralisation, the product

may represent a danger to aquatic organisms.

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.

: Not available

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 (30°C c.c.)	UN 1263 Paint related material, 3, III	
Transport hazard class(es)			
3	3	3	
Danger labels			
3	3	3	

16676843

Safety Data Sheet

According to ABNT NBR 14725: 2023



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

WEG TINTAS LTDA - GRUPO WEG.

Buenos Aires – Argentina | Atotonilco de Tula - México

16676843

Safety Data Sheet

According to ABNT NBR 14725: 2023

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.