

W-CRIL UUP 615 PPL PRIMER BLACK 1K

Safety Data Sheet

According to ABNT NBR 14725: 2023

Issue date: 7/16/2026 Revision date: 7/16/2026 Version: 3.0



SECTION 1: Identification

1.1. GHS Product identifier

Product form : Mixture
Trade name : W-CRIL UUP 615 PPL PRIMER BLACK 1K
Product code : 19513498
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	
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:vapour) Category 4
Skin corrosion/irritation, Category 2
Serious eye damage/eye irritation, Category 2
Respiratory sensitisation, Category 1
Germ cell mutagenicity, Category 1A
Carcinogenicity, Category 1A
Reproductive toxicity, Category 1B
Specific target organ toxicity — Single exposure, Category 3, Narcosis
Specific target organ toxicity — Single exposure, Category 3, Respiratory tract irritation
Specific target organ toxicity — Repeated exposure, Category 2
Hazardous to the aquatic environment - Acute Hazard, Category 1
Hazardous to the aquatic environment - Chronic Hazard, Category 1

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
H313 - May be harmful in contact with skin
H315 - Causes skin irritation
H319 - Causes serious eye irritation
H332 - Harmful if inhaled
H334 - May cause allergy or asthma symptoms or breathing difficulties if inhaled
H335 - May cause respiratory irritation
H336 - May cause drowsiness or dizziness
H340 - May cause genetic defects.
H350 - May cause cancer.
H360 - May damage fertility or the unborn child.
H373 - May cause damage to organs through prolonged or repeated exposure.
H410 - Very toxic 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.

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P233 - Keep container tightly closed.
P240 - Ground and bond container and receiving equipment.
P241 - Use explosion-proof equipment.

2.3. Other hazards which do not result in classification

No additional information available

SECTION 3: Composition/information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

Name	GHS Product identifier	Conc. (% w/w)	Classification according to GHS BR (ABNT NBR 14725: 2023)
SOLVENT METHYLISOBUTYLKETONE	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 Eye Irrit. 2, H319 Carc. 2, H351 STOT SE 3, H336
ISOPENTYL ACETATE	CAS-No.: 123-92-2	10 – 20	Flam. Liq. 3, H226 Aquatic Acute 3, H402 Aquatic Chronic 3, H412
REACTION MASS OF ETHYLBENZENE (100-41-4)50% AND XYLENE (1330-20-7)50%	CAS-No.: 1330-20-7	10 – 20	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
SOLVENT NAPHTHA (PETROLEUM) LIGHT AROM	CAS-No.: 64742-95-6	10 – 20	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 Aquatic Chronic 2, H411
BUTYL ACETATE	CAS-No.: 123-86-4	5 – 10	Flam. Liq. 2, H225 STOT SE 3, H336 Aquatic Acute 3, H402 Aquatic Chronic 3, H412
Hydrated aluminum silicate (KAOLIN)	CAS-No.: 1332-58-7	5 – 10	Acute Tox. 4 (Inhalation:dust,mist), H332 Resp. Sens. 1, H334

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Name	GHS Product identifier	Conc. (% w/w)	Classification according to GHS BR (ABNT NBR 14725: 2023)
N-METHYLPYRROLIDONE SOLVENT (N)	CAS-No.: 872-50-4	0.25 – 0.5	Flam. Liq. 4, H227 Acute Tox. 5 (Oral), H303 Acute Tox. 3 (Inhalation:vapour), H331 Skin Irrit. 2, H315 Eye Irrit. 2, H319 Repr. 1B, H360 STOT SE 3, H335
Fatty acids, tall-oil, epoxidized, 2-ethylhexyl esters	CAS-No.: 61789-01-3	0.1 – 0.25	Acute Tox. 5 (Oral), H303 Aquatic Acute 1, H400 Aquatic Chronic 1, H410
CHLOROBENZENE	CAS-No.: 108-90-7	0.1 – 0.25	Flam. Liq. 3, H226 Acute Tox. 4 (Oral), H302 Acute Tox. 4 (Inhalation), H332 Skin Irrit. 2, H315 Aquatic Acute 1, H400 Aquatic Chronic 1, H410
Industrial secret	-	0.1 – 0.25	Flam. Liq. 1, H224 Skin Irrit. 2, H315 Muta. 1A, H340 Carc. 1A, H350 STOT RE 1, H372 Asp. Tox. 1, H304 Aquatic Acute 2, H401 Aquatic Chronic 2, H411

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. 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 damage to organs through prolonged or repeated exposure. Harmful if inhaled. Causes serious eye irritation. May cause allergy or asthma symptoms or breathing difficulties if inhaled. May cause respiratory irritation. May cause drowsiness or dizziness.
Symptoms/effects after inhalation	: May cause headache, nausea and irritation of respiratory tract. Danger of serious damage to health by prolonged exposure through inhalation. May cause allergy or asthma symptoms or breathing difficulties if inhaled. Inhalation may cause irritation (cough, short breathing, 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. Causes skin irritation. 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	: May cause cancer. May cause heritable genetic damage. May damage fertility. May

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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

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. High temperature decomposition products are harmful by inhalation.

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. 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 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.

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6.2. Environmental precautions

Prevent from entering sewers, basements and workpits, or any place where its accumulation can be dangerous. Very toxic 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 : 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. Clean contaminated surfaces with an excess of water. Collect leaking and spilled liquid in sealable containers as far as possible. Absorb spillage to prevent material damage. 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. Do not get in eyes, on skin, or on clothing. 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. 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. Remove contaminated clothes. 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

N-METHYLPYRROLIDONE SOLVENT (N) 872-50-4

USA - ACGIH® - Biological Exposure Indices

Local name	N-Methyl-2-pyrrolidone
BEI	100 mg/l Parameter: 5-Hydroxy-N-methyl-2-pyrrolidone - Medium: urine - Sampling time: End of shift
Regulatory reference	ACGIH 2025

BUTYL ACETATE 123-86-4

USA - OSHA - Occupational Exposure Limits

Local name	n-Butyl-acetate
OSHA PEL TWA	710 mg/m³

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BUTYL ACETATE 123-86-4	
	150 ppm
Regulatory reference (US-OSHA)	OSHA Annotated Table Z-1
SOLVENT METHYLISOBUTYLKETONE 108-10-1	
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
ISOPENTYL ACETATE 123-92-2	
USA - OSHA - Occupational Exposure Limits	
Local name	Isomyl acetate
OSHA PEL TWA	525 mg/m³
	100 ppm
Regulatory reference (US-OSHA)	OSHA Annotated Table Z-1
CHLOROBENZENE 108-90-7	
USA - OSHA - Occupational Exposure Limits	
Local name	Chlorobenzene
OSHA PEL TWA	350 mg/m³
	75 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 made of PVC
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

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Personal protective equipment symbol(s):



SECTION 9: Physical and chemical properties

9.1. Basic physical and chemical properties

Physical state	: Liquid
Appearance	: Liquid.
Colour	: Black
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	: 0.95 – 1.05 g/cm³
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	: 30 – 35 CF4
Particle size	: Not applicable
Particle size distribution	: Not applicable
Particle shape	: Not applicable
Particle aspect ratio	: Not applicable
Particle specific surface area	: Not applicable

N-METHYLPYRROLIDONE SOLVENT (N)872-50-4

Boiling point	204.3 °C at 1015.8 hPa Source: ECHA
Flash point	91 °C Source: ECHA
Auto-ignition temperature	245 °C Source: ECHA
Vapour pressure	0.32 hPa at 20°C Source: ECHA

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

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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

SOLVENT METHYLISOBUTYLKETONE108-10-1

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

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

Hydrated aluminum silicate (KAOLIN)1332-58-7

Vapour pressure	0 mm Hg Source: CAMEO
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CHLOROBENZENE108-90-7

Boiling point	131.6 °C Source: HSDB
Flash point	27 °C Source: ICSC
Auto-ignition temperature	590 °C Source: ICSC
Vapour pressure	12 mm Hg at 25°C Source: HSDB

Fatty acids, tall-oil, epoxidized, 2-ethylhexyl esters61789-01-3

Boiling point	176 – 204 °C Source: OECD Screening Information Data Set
Flash point	210 – 220 °C Atm. press.: 101325 Pa
Vapour pressure	0.0000676 Pa Temp.: 25 °C

9.2. Data relevant with regard to physical hazard classes

VOC Total (g/l)	: 561.81 g/l
VOC Total (lb/gal)	: 4.69 lb/gal

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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 classified.
Acute toxicity (dermal)	: May be harmful in contact with skin.
Acute toxicity (inhalation)	: Inhalation:vapour: Harmful if inhaled.

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ATE BR (oral)	7236.399 mg/kg bodyweight
ATE BR (dermal)	2821.247 mg/kg bodyweight
ATE BR (vapours)	19.565 mg/l/4h

N-METHYLPYRROLIDONE SOLVENT (N) (872-50-4)

LD50 oral rat	4150 mg/kg Source: ECHA
LD50 dermal rat	> 5000 mg/kg Source: ECHA
LC50 Inhalation - Rat	> 5.1 mg/l air Animal: rat, Guideline: OECD Guideline 403 (Acute Inhalation Toxicity)
LC50 Inhalation - Rat (Dust/Mist)	> 5.1 mg/l Source: ECHA

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

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

SOLVENT METHYLISOBUTYLKETONE (108-10-1)

LD50 oral rat	2080 mg/kg Source: ECHA
LD50 dermal rabbit	≥ 2000 mg/kg Source: ECHA
LC50 Inhalation - Rat (Vapours)	11.6 mg/l Source: ECHA

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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

Hydrated aluminum silicate (KAOLIN) (1332-58-7)

LD50 oral rat	> 5000 mg/kg Source: HSDB
LD50 dermal rat	> 5000 mg/kg Source: HSDB
LC50 Inhalation - Rat (Dust/Mist)	≥ 5 mg/l

CHLOROBENZENE (108-90-7)

LD50 oral rat	1110 mg/kg Source: ChemIDPlus
LC50 Inhalation - Rat (Vapours)	29.7 mg/l Source: ECHA

Fatty acids, tall-oil, epoxidized, 2-ethylhexyl esters (61789-01-3)

LD50 oral rat	5000 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 401 (Acute Oral Toxicity), Remarks on results: not determinable due to absence of adverse toxic effects
LD50 dermal rabbit	> 20000 mg/kg Source: OECD Screening Information Data Set

Skin corrosion/irritation : Causes skin irritation.

N-METHYLPYRROLIDONE SOLVENT (N) (872-50-4)

pH	7.7 – 8 Source: HSDB
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BUTYL ACETATE (123-86-4)

pH	6.2 Source: ECHA
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SOLVENT METHYLISOBUTYLKETONE (108-10-1)

pH	8
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ISOPENTYL ACETATE (123-92-2)

pH	Not applicable
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REACTION MASS OF ETHYLBENZENE (100-41-4)50% AND XYLENE (1330-20-7)50% (1330-20-7)

pH	7
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Hydrated aluminum silicate (KAOLIN) (1332-58-7)

pH	4.5 Source: hsdh
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Serious eye damage/irritation : Causes serious eye irritation.

N-METHYLPYRROLIDONE SOLVENT (N) (872-50-4)

pH	7.7 – 8 Source: HSDB
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BUTYL ACETATE (123-86-4)

pH	6.2 Source: ECHA
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SOLVENT METHYLISOBUTYLKETONE (108-10-1)

pH	8
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ISOPENTYL ACETATE (123-92-2)

pH	Not applicable
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REACTION MASS OF ETHYLBENZENE (100-41-4)50% AND XYLENE (1330-20-7)50% (1330-20-7)

pH	7
----	---

Hydrated aluminum silicate (KAOLIN) (1332-58-7)

pH	4.5 Source: hsdh
----	------------------

Respiratory or skin sensitisation : May cause allergy or asthma symptoms or breathing difficulties if inhaled.

Germ cell mutagenicity : May cause genetic defects.

Carcinogenicity : May cause cancer.

N-METHYLPYRROLIDONE SOLVENT (N) (872-50-4)

NOAEL (chronic, oral, animal/male, 2 years)	≈ 89 mg/kg bodyweight Animal: mouse, Animal sex: male, Guideline: OECD Guideline 451 (Carcinogenicity Studies), Guideline: EU Method B.32 (Carcinogenicity Test), Guideline: EPA OTS 798.3300 (Carcinogenicity)
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NOAEL (chronic, oral, animal/female, 2 years)	≈ 221 mg/kg bodyweight Animal: mouse, Animal sex: female, Guideline: OECD Guideline 451 (Carcinogenicity Studies), Guideline: EU Method B.32 (Carcinogenicity Test), Guideline: EPA OTS 798.3300 (Carcinogenicity)
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SOLVENT METHYLISOBUTYLKETONE (108-10-1)

IARC group	2B - Possibly carcinogenic to humans
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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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Fatty acids, tall-oil, epoxidized, 2-ethylhexyl esters (61789-01-3)

NOAEL (chronic, oral, animal/male, 2 years)	1000 mg/kg bodyweight Animal: rat, Animal sex: male, Guideline: OECD Guideline 453 (Combined Chronic Toxicity / Carcinogenicity Studies), Remarks on results: not determinable due to absence of adverse toxic effects
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NOAEL (chronic, oral, animal/female, 2 years)	1.4 – 1400 mg/kg bodyweight Animal: rat, Animal sex: female, Guideline: OECD Guideline 453 (Combined Chronic Toxicity / Carcinogenicity Studies), Remarks on results: not determinable due to absence of adverse toxic effects
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N-METHYLPYRROLIDONE SOLVENT (N) (872-50-4)

LOAEL (animal/female, F0/P)	500 mg/kg bodyweight Animal: rat, Animal sex: female, Guideline: OECD Guideline 416 (Two-Generation Reproduction Toxicity Study)
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NOAEL (animal/male, F0/P)	≥ 500 mg/kg bodyweight Animal: rat, Animal sex: male, Guideline: OECD Guideline 416 (Two-Generation Reproduction Toxicity Study)
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NOAEL (animal/female, F0/P)	350 mg/kg bodyweight Animal: rat, Animal sex: female, Guideline: OECD Guideline 416 (Two-Generation Reproduction Toxicity Study)
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Reproductive toxicity : May damage fertility or the unborn child.

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

N-METHYLPYRROLIDONE SOLVENT (N) (872-50-4)

STOT-single exposure	May cause respiratory irritation.
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SOLVENT NAPHTHA (PETROLEUM) LIGHT AROM (64742-95-6)

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

STOT-single exposure	May cause drowsiness or dizziness.
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SOLVENT METHYLISOBUTYLKETONE (108-10-1)	
STOT-single exposure	May cause drowsiness or dizziness.
REACTION MASS OF ETHYLBENZENE (100-41-4)50% AND XYLENE (1330-20-7)50% (1330-20-7)	
STOT-single exposure	May cause respiratory irritation.
STOT-repeated exposure	: May cause damage to organs through prolonged or repeated exposure.
N-METHYLPYRROLIDONE SOLVENT (N) (872-50-4)	
LOAEL (dermal, rat/rabbit, 90 days)	1653 mg/kg bodyweight Animal: rabbit, Animal sex: male, Guideline: OECD Guideline 410 (Repeated Dose Dermal Toxicity: 21/28-Day Study)
NOAEL (dermal, rat/rabbit, 90 days)	826 mg/kg bodyweight Animal: rabbit, Animal sex: male, Guideline: OECD Guideline 410 (Repeated Dose Dermal Toxicity: 21/28-Day Study)
Industrial secret	
STOT-repeated exposure	Causes damage to organs through prolonged or repeated exposure.
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.
Fatty acids, tall-oil, epoxidized, 2-ethylhexyl esters (61789-01-3)	
NOAEL (oral, rat, 90 days)	1000 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 422 (Combined Repeated Dose Toxicity Study with the Reproduction / Developmental Toxicity Screening Test)
Aspiration hazard	: Not classified.
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Viscosity, kinematic	120 – 140 mm ² /s
N-METHYLPYRROLIDONE SOLVENT (N) (872-50-4)	
Viscosity, kinematic	1.613 mm ² /s
SOLVENT NAPHTHA (PETROLEUM) LIGHT AROM (64742-95-6)	
Viscosity, kinematic	< 1 mm ² /s Temp.: 'other:' Parameter: 'kinematic viscosity (in mm ² /s)'
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)'
CHLOROBENZENE (108-90-7)	
Viscosity, kinematic	0.726 mm ² /s
Fatty acids, tall-oil, epoxidized, 2-ethylhexyl esters (61789-01-3)	
Viscosity, kinematic	33.728 mm ² /s

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

Symptoms/effects	: May cause damage to organs through prolonged or repeated exposure. Harmful if inhaled. Causes serious eye irritation. May cause allergy or asthma symptoms or breathing difficulties if inhaled. May cause respiratory irritation. May cause drowsiness or dizziness.
Symptoms/effects after inhalation	: May cause headache, nausea and irritation of respiratory tract. Danger of serious damage

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	to health by prolonged exposure through inhalation. May cause allergy or asthma symptoms or breathing difficulties if inhaled. Inhalation may cause irritation (cough, short breathing, 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. Causes skin irritation. 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	: May cause cancer. May cause heritable genetic damage. May damage fertility. May damage the unborn child.

SECTION 12: Ecological information

12.1. Toxicity

Ecology - general	: Very toxic to aquatic life with long lasting effects. Very toxic to aquatic life.
Hazardous to the aquatic environment, short-term (acute)	: Very toxic to aquatic life.
Hazardous to the aquatic environment, long-term (chronic)	: Very toxic to aquatic life with long lasting effects.

N-METHYLPYRROLIDONE SOLVENT (N)872-50-4

LC50 - Fish [1]	500 mg/l Source: ECHA
EC50 72h - Algae [1]	600.5 mg/l Test organisms (species): Desmodesmus subspicatus (previous name: Scenedesmus subspicatus)
EC50 72h - Algae [2]	672.8 mg/l Test organisms (species): Desmodesmus subspicatus (previous name: Scenedesmus subspicatus)
LOEC (chronic)	25 mg/l Test organisms (species): Daphnia magna Duration: '21 d'
NOEC (chronic)	12.5 mg/l Test organisms (species): Daphnia magna Duration: '21 d'

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

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

SOLVENT METHYLISOBUTYLKETONE108-10-1

LC50 - Fish [1]	672 mg/l Source: ECHA
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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

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

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'

CHLOROBENZENE108-90-7

LC50 - Fish [1]	4.5 mg/l Source: ECHA
EC50 - Crustacea [1]	0.59 mg/l Source: ECHA
EC50 96h - Algae [1]	12.5 mg/l Source: ECHA

Fatty acids, tall-oil, epoxidized, 2-ethylhexyl esters61789-01-3

LC50 - Fish [1]	0.003 mg/l Source: Ecological Structure Activity Relationships
EC50 96h - Algae [1]	0.000328 mg/l Source: Ecological Structure Activity Relationships

12.2. Persistence and degradability

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Persistence and degradability	Not rapidly degradable
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12.3. Bioaccumulative potential

N-METHYLPYRROLIDONE SOLVENT (N)872-50-4

Partition coefficient n-octanol/water (Log Pow)	-0.46 Source: ECHA
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SOLVENT NAPHTHA (PETROLEUM) LIGHT AROM64742-95-6

Partition coefficient n-octanol/water (Log Pow)	2.1 – 6 Source: IUCLID
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BUTYL ACETATE123-86-4

Partition coefficient n-octanol/water (Log Pow)	1.78 Source: HSDB
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SOLVENT METHYLISOBUTYLKETONE108-10-1

Partition coefficient n-octanol/water (Log Pow)	1.31 Source: ChemIDPlus
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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
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CHLOROBENZENE108-90-7

Partition coefficient n-octanol/water (Log Pow)	2.84 Source: HSDB
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Fatty acids, tall-oil, epoxidized, 2-ethylhexyl esters61789-01-3

Partition coefficient n-octanol/water (Log Pow)	6.2 Source: OECD Screening Information Data Set
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12.4. Mobility in soil

No additional information available

12.5. Other adverse effects

Hazardous to the ozone layer : Not available

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SECTION 13: Disposal considerations

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, MARINE POLLUTANT/ENVIRONMENTALLY HAZARDOUS (31°C c.c.)	UN 1263 Paint, 3, III
Transport hazard class(es)		
3	3	3
Danger labels		
3	3	3
	 	
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		
Yes	Yes	Yes

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14.2 Other information

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
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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