

SAFETY DATA SHEET

Section 1. Identification

Product identifier : I29961992
Product name : IMRON Industrial HP Black Gray
Date of issue : 22/07/2026
Version : 1

Relevant identified uses of the substance or mixture and uses advised against

Identified uses : Coating component.
Uses advised against : FOR INDUSTRIAL USE ONLY. NOT FOR RETAIL SALE.

Supplier's details : Axalta Coating Systems Brasil Ltda.
 463 Lindomar Gomes de Oliveira Avenue
 Guarulhos, 07220-900, Brazil

Product information : +55 11 2465 8000 / 8001

Emergency telephone number : Polícia / Police : 190
 Corpo de Bombeiros / Fire Department: 193
 Defesa Civil / Civil Defense: 199
 Emergência Ambiental / Environmental Emergency: 0800 011 3560
 Emergências Médicas ou Sanitárias / Medical or Sanitary Emergencies: 0800 014 8110
 Atendimento Técnico no Local / On-Site Technical Assistance: 0800 70 77 022/
 0800 17 2020

Section 2. Hazards identification

Classification of the substance or mixture : FLAMMABLE LIQUIDS - Category 3
 SKIN IRRITATION - Category 2
 EYE IRRITATION - Category 2A
 SKIN SENSITIZATION - Category 1
 CARCINOGENICITY - Category 1B
 SPECIFIC TARGET ORGAN TOXICITY (SINGLE EXPOSURE) (Narcotic effects) - Category 3
 AQUATIC HAZARD (ACUTE) - Category 2
 AQUATIC HAZARD (LONG-TERM) - Category 3

Product classified according to **ABNT NBR 14725:2023**.

GHS label elements

Hazard pictograms :



Signal word : Danger

Section 2. Hazards identification

Hazard statements : H226 - Flammable liquid and vapor.
 H315 - Causes skin irritation.
 H317 - May cause an allergic skin reaction.
 H319 - Causes serious eye irritation.
 H336 - May cause drowsiness or dizziness.
 H350 - May cause cancer.
 H401 - Toxic to aquatic life.
 H412 - Harmful to aquatic life with long lasting effects.

Precautionary statements

Prevention : P201 - Obtain special instructions before use.
 P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
 P273 - Avoid release to the environment.
 P261 - Avoid breathing vapor.
 P264 - Wash hands thoroughly after handling.
 P280 - Wear protective gloves, protective clothing and eye or face protection.

Response : P308 + P313 - IF exposed or concerned: Get medical advice or attention.
 P304 + P312 - IF INHALED: Call a POISON CENTER or doctor if you feel unwell.
 P362 + P364 - Take off contaminated clothing and wash it before reuse.
 P302 + P352 - IF ON SKIN: Wash with plenty of water.
 P333 + P313 - If skin irritation or rash occurs: Get medical advice or attention.
 P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
 P337 + P313 - If eye irritation persists: Get medical advice or attention.

Storage : P403 + P233 - Store in a well-ventilated place. Keep container tightly closed.

Disposal : P501 - Dispose of contents and container in accordance with all local, regional, national and international regulations.

Other hazards which do not result in classification : None known.

Section 3. Composition/information on ingredients

Substance/mixture : Mixture

Ingredient name	%	Identifiers	Classification
n-butyl acetate	≥10 - ≤25	CAS: 123-86-4 EC: 204-658-1	FLAMMABLE LIQUIDS - Category 3 SKIN IRRITATION - Category 3 SPECIFIC TARGET ORGAN TOXICITY (SINGLE EXPOSURE) (Narcotic effects) - Category 3 AQUATIC HAZARD (ACUTE) - Category 3
XYLENE	≤8.6	CAS: 1330-20-7 EC: 215-535-7	FLAMMABLE LIQUIDS - Category 3 ACUTE TOXICITY (oral) - Category 5 ACUTE TOXICITY (dermal) - Category 4 ACUTE TOXICITY (inhalation) - Category 4 SKIN IRRITATION - Category 2 EYE IRRITATION - Category 2A SPECIFIC TARGET ORGAN TOXICITY (SINGLE EXPOSURE) (Respiratory tract irritation) -

Section 3. Composition/information on ingredients

solvent naphtha (petroleum), light aromatic	≤7.5	CAS: 64742-95-6 EC: 265-199-0	Category 3 ASPIRATION HAZARD - Category 1 AQUATIC HAZARD (ACUTE) - Category 2 FLAMMABLE LIQUIDS - Category 3 ACUTE TOXICITY (dermal) - Category 5 SKIN IRRITATION - Category 3 SPECIFIC TARGET ORGAN TOXICITY (SINGLE EXPOSURE) (Respiratory tract irritation) - Category 3 SPECIFIC TARGET ORGAN TOXICITY (SINGLE EXPOSURE) (Narcotic effects) - Category 3 ASPIRATION HAZARD - Category 1 AQUATIC HAZARD (LONG-TERM) - Category 2
ethylbenzene	≤6.5	CAS: 100-41-4 EC: 202-849-4	FLAMMABLE LIQUIDS - Category 3 ACUTE TOXICITY (oral) - Category 5 SKIN IRRITATION - Category 3 ASPIRATION HAZARD - Category 1 AQUATIC HAZARD (ACUTE) - Category 2 AQUATIC HAZARD (LONG-TERM) - Category 2
2-methoxy-1-methylethyl acetate	≤5	CAS: 108-65-6 EC: 203-603-9	FLAMMABLE LIQUIDS - Category 3 SPECIFIC TARGET ORGAN TOXICITY (SINGLE EXPOSURE) (Narcotic effects) - Category 3
1,2,4-trimethylbenzene	≤3.2	CAS: 95-63-6 EC: 202-436-9	FLAMMABLE LIQUIDS - Category 3 ACUTE TOXICITY (oral) - Category 5 ACUTE TOXICITY (inhalation) - Category 4 SKIN IRRITATION - Category 2 EYE IRRITATION - Category 2A SPECIFIC TARGET ORGAN TOXICITY (SINGLE EXPOSURE) (Respiratory tract irritation) - Category 3 ASPIRATION HAZARD - Category 1 AQUATIC HAZARD (ACUTE) - Category 2 AQUATIC HAZARD (LONG-TERM) - Category 2
BIS(1,2,2,6,6-PENTAMETHYL-4-PIPERIDINYL) SEBACATE	≤0.76	CAS: 41556-26-7 EC: 255-437-1	FLAMMABLE LIQUIDS - Category 4 SKIN SENSITIZATION - Category 1A AQUATIC HAZARD (ACUTE) - Category 1 AQUATIC HAZARD (LONG-TERM) - Category 1
styrene	≤0.3	CAS: 100-42-5	FLAMMABLE LIQUIDS - Category 3

Section 3. Composition/information on ingredients

		EC: 202-851-5	ACUTE TOXICITY (oral) - Category 5 ACUTE TOXICITY (inhalation) - Category 4 SKIN IRRITATION - Category 2 EYE IRRITATION - Category 2A CARCINOGENICITY - Category 1B TOXIC TO REPRODUCTION - Category 2 SPECIFIC TARGET ORGAN TOXICITY (SINGLE EXPOSURE) (Respiratory tract irritation) - Category 3 SPECIFIC TARGET ORGAN TOXICITY (REPEATED EXPOSURE) - Category 1 ASPIRATION HAZARD - Category 1 AQUATIC HAZARD (ACUTE) - Category 3 AQUATIC HAZARD (LONG-TERM) - Category 3
maleic anhydride	≤0.1	CAS: 108-31-6 EC: 203-571-6	ACUTE TOXICITY (oral) - Category 4 ACUTE TOXICITY (dermal) - Category 5 SKIN CORROSION - Category 1B SERIOUS EYE DAMAGE - Category 1 RESPIRATORY SENSITIZATION - Category 1 SKIN SENSITIZATION - Category 1A SPECIFIC TARGET ORGAN TOXICITY (REPEATED EXPOSURE) - Category 1

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are required to be classified as hazardous to health or the environment under the reporting requirements for this section.

Occupational exposure limits, if available, are listed in Section 8.

Section 4. First aid measures

Description of necessary first aid measures

- Eye contact** : Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 10 minutes. Get medical attention.
- Inhalation** : Remove victim to fresh air and keep at rest in a position comfortable for breathing. If it is suspected that fumes are still present, the rescuer should wear an appropriate mask or self-contained breathing apparatus. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Get medical attention. If necessary, call a poison center or physician. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband. In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours.

Section 4. First aid measures

- Skin contact** : Wash with plenty of soap and water. Remove contaminated clothing and shoes. Wash contaminated clothing thoroughly with water before removing it, or wear gloves. Continue to rinse for at least 10 minutes. Get medical attention. In the event of any complaints or symptoms, avoid further exposure. Wash clothing before reuse. Clean shoes thoroughly before reuse.
- Ingestion** : Wash out mouth with water. Remove dentures if any. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Stop if the exposed person feels sick as vomiting may be dangerous. Do not induce vomiting unless directed to do so by medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Get medical attention. If necessary, call a poison center or physician. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.

Most important symptoms/effects, acute and delayed

Potential acute health effects

- Eye contact** : Causes serious eye irritation.
- Inhalation** : Can cause central nervous system (CNS) depression. May cause drowsiness or dizziness.
- Skin contact** : Causes skin irritation. May cause an allergic skin reaction.
- Ingestion** : Can cause central nervous system (CNS) depression.

Over-exposure signs/symptoms

- Eye contact** : Adverse symptoms may include the following:
pain or irritation
watering
redness
- Inhalation** : Adverse symptoms may include the following:
nausea or vomiting
headache
drowsiness/fatigue
dizziness/vertigo
unconsciousness
- Skin contact** : Adverse symptoms may include the following:
irritation
redness
- Ingestion** : No specific data.

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

- Notes to physician** : In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours.
- Specific treatments** : No specific treatment.
- Protection of first-aiders** : No action shall be taken involving any personal risk or without suitable training. If it is suspected that fumes are still present, the rescuer should wear an appropriate mask or self-contained breathing apparatus. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Wash contaminated clothing thoroughly with water before removing it, or wear gloves.

See toxicological information (Section 11)

Section 5. Fire-fighting measures

Extinguishing media

Suitable extinguishing media : Use dry chemical, CO₂, water spray (fog) or foam.

Unsuitable extinguishing media : Do not use water jet.

Specific hazards arising from the chemical : Flammable liquid and vapor. Runoff to sewer may create fire or explosion hazard. In a fire or if heated, a pressure increase will occur and the container may burst, with the risk of a subsequent explosion. This material is toxic to aquatic life. This material is harmful to aquatic life with long lasting effects. Fire water contaminated with this material must be contained and prevented from being discharged to any waterway, sewer or drain.

Hazardous thermal decomposition products : Decomposition products may include the following materials:
carbon dioxide
carbon monoxide
nitrogen oxides
metal oxide/oxides

Special protective actions for fire-fighters : Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training. Move containers from fire area if this can be done without risk. Use water spray to keep fire-exposed containers cool.

Special protective equipment for fire-fighters : Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

Section 6. Accidental release measures

Personal precautions, protective equipment and emergency procedures

For non-emergency personnel : No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Shut off all ignition sources. No flares, smoking or flames in hazard area. Avoid breathing vapor. Put on appropriate personal protective equipment.

For emergency responders : If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".

Environmental precautions : Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air). Water polluting material. May be harmful to the environment if released in large quantities.

Methods and materials for containment and cleaning up

Small spill : Stop leak if without risk. Move containers from spill area. Use spark-proof tools and explosion-proof equipment. Absorb with an inert material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.

Section 6. Accidental release measures

- Large spill** : Stop leak if without risk. Move containers from spill area. Use spark-proof tools and explosion-proof equipment. Approach release from upwind. Prevent entry into sewers, water courses, basements or confined areas. Wash spillages into an effluent treatment plant or proceed as follows. Dispose of via a licensed waste disposal contractor. Contaminated absorbent material may pose the same hazard as the spilled product. Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations.

Section 7. Handling and storage

Precautions for safe handling

- Protective measures** : Put on appropriate personal protective equipment (see Section 8). Persons with a history of skin sensitization problems should not be employed in any process in which this product is used. Avoid exposure - obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Do not get in eyes or on skin or clothing. Do not ingest. Avoid breathing vapor or mist. Avoid release to the environment. Use only with adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Do not enter storage areas and confined spaces unless adequately ventilated. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Store and use away from heat, sparks, open flame or any other ignition source. Use explosion-proof electrical (ventilating, lighting and material handling) equipment. Use only non-sparking tools. Take precautionary measures against electrostatic discharges. Empty containers retain product residue and can be hazardous. Do not reuse container.

- Advice on general occupational hygiene** : Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.

- Conditions for safe storage, including any incompatibilities** : Store in accordance with local regulations. Store in a segregated and approved area. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Store locked up. Eliminate all ignition sources. Separate from oxidizing materials. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use.

Section 8. Exposure controls/personal protection

Control parameters

Occupational exposure limits

n-butyl acetate

ACGIH TLV (United States, 1/2025) [Butyl acetates]

STEL 15 minutes: 150 ppm.

TWA 8 hours: 50 ppm.

XYLENE

Ministry of Labor and Employment (Brazil, 11/2001) [Xylenes (o-, m-, p- isomers)]

TWA 8 hours: 78 ppm.

TWA 8 hours: 340 mg/m³.

ethylbenzene

Ministry of Labor and Employment (Brazil,

Section 8. Exposure controls/personal protection

1,2,4-trimethylbenzene

titanium dioxide

styrene

maleic anhydride

11/2001)

TWA 8 hours: 78 ppm.

TWA 8 hours: 340 mg/m³.

ACGIH TLV (United States, 1/2025) A4.

TWA 8 hours: 10 ppm.

ACGIH TLV (United States, 1/2025) A3.

TWA 8 hours: 2.5 mg/m³. Form: respirable fraction, finescale particles.

Ministry of Labor and Employment (Brazil, 11/2001)

TWA 8 hours: 78 ppm.

TWA 8 hours: 328 mg/m³.

ACGIH TLV (United States, 1/2025) A4.

Skin sensitizer , Inhalation sensitizer.

TWA 8 hours: 0.01 mg/m³. Form: Inhalable fraction and vapor.

Appropriate engineering controls

: Use only with adequate ventilation. Use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits. The engineering controls also need to keep gas, vapor or dust concentrations below any lower explosive limits. Use explosion-proof ventilation equipment.

Environmental exposure controls

: Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.

Individual protection measures

Hygiene measures

: Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Contaminated work clothing should not be allowed out of the workplace. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.

Eye/face protection

: Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases or dusts. If contact is possible, the following protection should be worn, unless the assessment indicates a higher degree of protection: chemical splash goggles.

Skin protection

Hand protection

: Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary. Considering the parameters specified by the glove manufacturer, check during use that the gloves are still retaining their protective properties. It should be noted that the time to breakthrough for any glove material may be different for different glove manufacturers. In the case of mixtures, consisting of several substances, the protection time of the gloves cannot be accurately estimated.

Body protection

: Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product. When there is a risk of ignition from static electricity, wear anti-static protective clothing. For the greatest protection from static discharges, clothing should include anti-static overalls, boots and gloves.

Section 8. Exposure controls/personal protection

- Other skin protection** : Appropriate footwear and any additional skin protection measures should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.
- Respiratory protection** : Based on the hazard and potential for exposure, select a respirator that meets the appropriate standard or certification. Respirators must be used according to a respiratory protection program to ensure proper fitting, training, and other important aspects of use.

Section 9. Physical and chemical properties

Appearance

- Physical state** : Liquid.
- Color** : Gray.
- Odor** : Not available.
- Odor threshold** : Not available.
- pH** : Not applicable.
- Melting point/freezing point** : Technically not possible to measure
- Boiling point or initial boiling point and boiling range** : 125 to 200°C (257 to 392°F)
- Flash point** : Closed cup: 26.7°C (80.1°F)
- Evaporation rate** : Not available.
- Flammability (solid, gas)** : Not available.
- Lower and upper explosive (flammable) limits** : Lower: 0.7%
Upper: 7.5%
- Vapor pressure** : 0.51 kPa (3.83 mm Hg)
- Vapor pressure** : 0.51 kPa (3.83 mm Hg)
- Vapor density** : Not available.
- Relative density** : 1.011 g/cm³
- Solubility in water** : Not available.
- Partition coefficient: n-octanol/water** : Not applicable.
- Auto-ignition temperature** : 280°C (536°F)
- Decomposition temperature** : Not applicable.
- Viscosity** : Dynamic (room temperature): Not available.
Kinematic (room temperature): Not available.
Kinematic (40°C (104°F)): Not available.
- Flow time (ISO 2431)** : Not available.

Section 10. Stability and reactivity

- Reactivity** : No specific test data related to reactivity available for this product or its ingredients.
- Chemical stability** : The product is stable.
- Possibility of hazardous reactions** : Under normal conditions of storage and use, hazardous reactions will not occur.

Section 10. Stability and reactivity

Conditions to avoid	: Avoid all possible sources of ignition (spark or flame). Do not pressurize, cut, weld, braze, solder, drill, grind or expose containers to heat or sources of ignition.
Incompatible materials	: Reactive or incompatible with the following materials: oxidizing materials
Hazardous decomposition products	: Under normal conditions of storage and use, hazardous decomposition products should not be produced.

Section 11. Toxicological information

Information on toxicological effects

Acute toxicity

Product/ingredient name

n-butyl acetate

Result

Rat - Oral - LD50

10768 mg/kg

Toxic effects: Behavioral - Somnolence (general depressed activity) Lung, Thorax, or Respiration - Other changes Liver - Other changes

Rabbit - Dermal - LD50

>17600 mg/kg

Rat - Inhalation - LC50 Vapor

21.1 mg/l [4 hours]

XYLENE

Rat - Oral - LD50

4300 mg/kg

Toxic effects: Liver - Other changes Kidney, Ureter, and Bladder - Other changes

Rat - Inhalation - LC50 Gas.

5000 ppm [4 hours]

solvent naphtha (petroleum), light aromatic

Rat - Oral - LD50

8400 mg/kg

Toxic effects: Behavioral - Somnolence (general depressed activity) Behavioral - Tremor Lung, Thorax, or Respiration - Other changes

Rabbit - Dermal - LD50

3492 mg/kg

ethylbenzene

Rat - Oral - LD50

3500 mg/kg

Toxic effects: Liver - Other changes Kidney, Ureter, and Bladder - Other changes

Rabbit - Dermal - LD50

>5000 mg/kg

2-methoxy-1-methylethyl acetate

Rat - Oral - LD50

8532 mg/kg

Rabbit - Dermal - LD50

>5 g/kg

Section 11. Toxicological information

1,2,4-trimethylbenzene

Rat - Oral - LD50

5 g/kg

Rat - Inhalation - LC50 Vapor18000 mg/m³ [4 hours]BIS(1,2,2,6,6-PENTAMETHYL-
4-PIPERIDINYL) SEBACATE

None.

styrene

Rat - Oral - LD50

2650 mg/kg

Toxic effects: Behavioral - Somnolence (general depressed activity) Liver - Other changes**Rat - Inhalation - LC50 Vapor**11800 mg/m³ [4 hours]**Rat - Inhalation - LC50 Gas.**

2770 ppm [4 hours]

maleic anhydride

Rat - Oral - LD50

400 mg/kg

Rabbit - Dermal - LD50

2620 mg/kg

Conclusion/Summary [Product] : Not available.**Skin corrosion/irritation****Product/ingredient name**

n-butyl acetate

XYLENE

Result

None.

Rat - Skin - Mild irritantDuration of treatment/exposure: 8 hoursAmount/concentration applied: 60 uL**Rabbit - Skin - Moderate irritant**Duration of treatment/exposure: 24 hoursAmount/concentration applied: 500 mg**Rabbit - Skin - Moderate irritant**Amount/concentration applied: 100 %

None.

Rabbit - Skin - Mild irritantDuration of treatment/exposure: 24 hoursAmount/concentration applied: 15 mg

None.

None.

None.

solvent naphtha (petroleum), light aromatic
ethylbenzene

2-methoxy-1-methylethyl acetate

1,2,4-trimethylbenzene

BIS(1,2,2,6,6-PENTAMETHYL-
4-PIPERIDINYL) SEBACATE

styrene

Rabbit - Skin - Mild irritantAmount/concentration applied: 500 mg**Rabbit - Skin - Moderate irritant**Amount/concentration applied: 100 %

None.

maleic anhydride

Conclusion/Summary [Product] : Not available.

Section 11. Toxicological information

Serious eye damage/eye irritation

Product/ingredient name

n-butyl acetate
XYLENE

Result

None.

Rabbit - Eyes - Mild irritant

Amount/concentration applied: 87 mg

Rabbit - Eyes - Severe irritant

Duration of treatment/exposure: 24 hours

Amount/concentration applied: 5 mg

solvent naphtha (petroleum), light aromatic
ethylbenzene
2-methoxy-1-methylethyl acetate
1,2,4-trimethylbenzene
BIS(1,2,2,6,6-PENTAMETHYL-
4-PIPERIDINYL) SEBACATE
styrene

None.

None.

None.

None.

None.

Human - Eyes - Mild irritant

Amount/concentration applied: 50 ppm

Rabbit - Eyes - Moderate irritant

Duration of treatment/exposure: 24 hours

Amount/concentration applied: 100 mg

Rabbit - Eyes - Severe irritant

Amount/concentration applied: 100 mg

Rabbit - Eyes - Severe irritant

Amount/concentration applied: 1 %

maleic anhydride

Conclusion/Summary [Product] : Not available.

Respiratory corrosion/irritation

Product/ingredient name

n-butyl acetate
XYLENE

Result

None.

None.

solvent naphtha (petroleum), light aromatic
ethylbenzene
2-methoxy-1-methylethyl acetate
1,2,4-trimethylbenzene
BIS(1,2,2,6,6-PENTAMETHYL-
4-PIPERIDINYL) SEBACATE
styrene
maleic anhydride

None.

None.

None.

None.

None.

None.

None.

None.

Conclusion/Summary [Product] : Not available.

Respiratory or skin sensitization

Product/ingredient name

n-butyl acetate
XYLENE

Result

None.

None.

solvent naphtha (petroleum), light aromatic
ethylbenzene
2-methoxy-1-methylethyl acetate
1,2,4-trimethylbenzene
BIS(1,2,2,6,6-PENTAMETHYL-
4-PIPERIDINYL) SEBACATE
Fatty acids, C14-18 and C16-18-unsatd.,

None.

None.

None.

None.

None.

None.

Mouse - skin

Section 11. Toxicological information

maleated	OECD 429
	Sensitizing
styrene	None.
maleic anhydride	None.

Product/ingredient name	Hazard class	Category
n-butyl acetate	None.	None.
XYLENE	None.	None.
solvent naphtha (petroleum), light aromatic	None.	None.
ethylbenzene	None.	None.
2-methoxy-1-methylethyl acetate	None.	None.
1,2,4-trimethylbenzene	None.	None.
BIS(1,2,2,6,6-PENTAMETHYL-4-PIPERIDINYL) SEBACATE	SKIN SENSITIZATION	Category 1A
methyl 1,2,2,6,6-pentamethyl-4-piperidyl sebacate	SKIN SENSITIZATION	Category 1
Fatty acids, C14-18 and C16-18-unsatd., maleated	SKIN SENSITIZATION	Category 1
styrene	None.	None.
n-butyl acrylate	SKIN SENSITIZATION	Category 1
maleic anhydride	RESPIRATORY SENSITIZATION	Category 1
	SKIN SENSITIZATION	Category 1A

Skin

Conclusion/Summary [Product] : Not available.

Respiratory

Conclusion/Summary [Product] : Not available.

Germ cell mutagenicity

Product/ingredient name	Result
n-butyl acetate	None.
XYLENE	None.
solvent naphtha (petroleum), light aromatic	None.
ethylbenzene	None.
2-methoxy-1-methylethyl acetate	None.
1,2,4-trimethylbenzene	None.
BIS(1,2,2,6,6-PENTAMETHYL-4-PIPERIDINYL) SEBACATE	None.
styrene	None.
maleic anhydride	None.

Conclusion/Summary [Product] : Not available.

Carcinogenicity

Product/ingredient name	Result
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Section 11. Toxicological information

n-butyl acetate	None.
XYLENE	None.
solvent naphtha (petroleum), light aromatic	None.
ethylbenzene	None.
2-methoxy-1-methylethyl acetate	None.
1,2,4-trimethylbenzene	None.
BIS(1,2,2,6,6-PENTAMETHYL-4-PIPERIDINYL) SEBACATE	None.
styrene	None.
maleic anhydride	None.

Product/ingredient name	Category	Route of exposure
n-butyl acetate	None.	None.
XYLENE	None.	None.
solvent naphtha (petroleum), light aromatic	None.	None.
ethylbenzene	None.	None.
2-methoxy-1-methylethyl acetate	None.	None.
1,2,4-trimethylbenzene	None.	None.
BIS(1,2,2,6,6-PENTAMETHYL-4-PIPERIDINYL) SEBACATE	None.	None.
styrene	Category 1B	-
maleic anhydride	None.	None.

Conclusion/Summary [Product] : Not available.

Classification

Product/ingredient name	IARC
XYLENE	3
ethylbenzene	2B
styrene	2A

Reproductive toxicity

Product/ingredient name	Result
n-butyl acetate	None.
XYLENE	None.
solvent naphtha (petroleum), light aromatic	None.
ethylbenzene	None.
2-methoxy-1-methylethyl acetate	None.
1,2,4-trimethylbenzene	None.
BIS(1,2,2,6,6-PENTAMETHYL-4-PIPERIDINYL) SEBACATE	None.
styrene	None.
maleic anhydride	None.

Product/ingredient name	Hazard class	Category	Route of exposure	Effects
n-butyl acetate	None.	None.	None.	None.
XYLENE	None.	None.	None.	None.
solvent naphtha (petroleum), light aromatic	None.	None.	None.	None.
ethylbenzene	None.	None.	None.	None.
2-methoxy-1-methylethyl acetate	None.	None.	None.	None.
1,2,4-trimethylbenzene	None.	None.	None.	None.
BIS(1,2,2,6,6-PENTAMETHYL-	None.	None.	None.	None.

Section 11. Toxicological information

4-PIPERIDINYL) SEBACATE styrene	TOXIC TO REPRODUCTION	Category 2	-	-
maleic anhydride	None.	None.	None.	None.

Conclusion/Summary [Product] : Not available.

Specific target organ toxicity (single exposure)

Product/ingredient name	Result
n-butyl acetate	SPECIFIC TARGET ORGAN TOXICITY (SINGLE EXPOSURE) (Narcotic effects) - Category 3
XYLENE	SPECIFIC TARGET ORGAN TOXICITY (SINGLE EXPOSURE) (Respiratory tract irritation) - Category 3
solvent naphtha (petroleum), light aromatic	SPECIFIC TARGET ORGAN TOXICITY (SINGLE EXPOSURE) (Respiratory tract irritation) - Category 3
	SPECIFIC TARGET ORGAN TOXICITY (SINGLE EXPOSURE) (Narcotic effects) - Category 3
ethylbenzene	None.
2-methoxy-1-methylethyl acetate	SPECIFIC TARGET ORGAN TOXICITY (SINGLE EXPOSURE) (Narcotic effects) - Category 3
1,2,4-trimethylbenzene	SPECIFIC TARGET ORGAN TOXICITY (SINGLE EXPOSURE) (Respiratory tract irritation) - Category 3
BIS(1,2,2,6,6-PENTAMETHYL-4-PIPERIDINYL) SEBACATE	None.
styrene	SPECIFIC TARGET ORGAN TOXICITY (SINGLE EXPOSURE) (Respiratory tract irritation) - Category 3
maleic anhydride	None.

Specific target organ toxicity (repeated exposure)

Product/ingredient name	Result
n-butyl acetate	None.
XYLENE	None.
solvent naphtha (petroleum), light aromatic	None.
ethylbenzene	None.
2-methoxy-1-methylethyl acetate	None.
1,2,4-trimethylbenzene	None.
2-(2H-benzotriazol-2-yl)	SPECIFIC TARGET ORGAN TOXICITY (REPEATED EXPOSURE) - Category 2
-4,6-ditertpentylphenol	None.
BIS(1,2,2,6,6-PENTAMETHYL-4-PIPERIDINYL) SEBACATE	None.
styrene	SPECIFIC TARGET ORGAN TOXICITY (REPEATED EXPOSURE) (hearing organs) - Category 1
maleic anhydride	SPECIFIC TARGET ORGAN TOXICITY (REPEATED EXPOSURE) (respiratory system) (inhalation) - Category 1

Aspiration hazard

Product/ingredient name	Result
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Section 11. Toxicological information

n-butyl acetate	None.
XYLENE	ASPIRATION HAZARD - Category 1
XYLENE	None.
solvent naphtha (petroleum), light aromatic	ASPIRATION HAZARD - Category 1
solvent naphtha (petroleum), light aromatic	None.
ethylbenzene	ASPIRATION HAZARD - Category 1
ethylbenzene	None.
2-methoxy-1-methylethyl acetate	None.
1,2,4-trimethylbenzene	ASPIRATION HAZARD - Category 1
1,2,4-trimethylbenzene	None.
BIS(1,2,2,6,6-PENTAMETHYL-4-PIPERIDINYL) SEBACATE	None.
styrene	ASPIRATION HAZARD - Category 1
styrene	None.
maleic anhydride	None.

Information on the likely routes of exposure

Not available.

Potential acute health effects

Eye contact	: Causes serious eye irritation.
Inhalation	: Can cause central nervous system (CNS) depression. May cause drowsiness or dizziness.
Skin contact	: Causes skin irritation. May cause an allergic skin reaction.
Ingestion	: Can cause central nervous system (CNS) depression.

Symptoms related to the physical, chemical and toxicological characteristics

Eye contact	: Adverse symptoms may include the following: pain or irritation watering redness
Inhalation	: Adverse symptoms may include the following: nausea or vomiting headache drowsiness/fatigue dizziness/vertigo unconsciousness
Skin contact	: Adverse symptoms may include the following: irritation redness
Ingestion	: No specific data.

Delayed and immediate effects and also chronic effects from short and long term exposure

Short term exposure

Potential immediate effects	: Not available.
Potential delayed effects	: Not available.

Long term exposure

Potential immediate effects	: Not available.
Potential delayed effects	: Not available.

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Potential chronic health effects

Product/ingredient name	Result
n-butyl acetate	None.
XYLENE	None.
solvent naphtha (petroleum), light aromatic	None.
ethylbenzene	None.
2-methoxy-1-methylethyl acetate	None.
1,2,4-trimethylbenzene	None.
BIS(1,2,2,6,6-PENTAMETHYL-4-PIPERIDINYL) SEBACATE	None.
styrene	None.
maleic anhydride	None.

Conclusion/Summary [Product] : Not available.

General	: Once sensitized, a severe allergic reaction may occur when subsequently exposed to very low levels.
Carcinogenicity	: May cause cancer. Risk of cancer depends on duration and level of exposure.
Mutagenicity	: No known significant effects or critical hazards.
Reproductive toxicity	: No known significant effects or critical hazards.

Numerical measures of toxicity

Acute toxicity estimates

Product/ingredient name	Oral (mg/kg)	Dermal (mg/kg)	Inhalation (gases) (ppm)	Inhalation (vapors) (mg/l)	Inhalation (dusts and mists) (mg/l)
IMRON Industrial HP Black Gray	23142.4	10700.3	55259.6	498.7	None.
n-butyl acetate	10768	None.	None.	21.1	None.
XYLENE	4300	1100	5000	None.	None.
solvent naphtha (petroleum), light aromatic	8400	3492	None.	None.	None.
ethylbenzene	3500	None.	None.	None.	None.
2-methoxy-1-methylethyl acetate	8532	None.	None.	None.	None.
1,2,4-trimethylbenzene	5000	None.	None.	18	None.
BIS(1,2,2,6,6-PENTAMETHYL-4-PIPERIDINYL) SEBACATE	None.	None.	None.	None.	None.
styrene	2650	None.	2770	11.8	None.
maleic anhydride	400	2620	None.	None.	None.

Section 12. Ecological information

Toxicity

Product/ingredient name	Result
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Section 12. Ecological information

n-butyl acetate	Acute - LC50 - Marine water Fish - Inland silverside - <i>Menidia beryllina</i> 185 ppm [96 hours] <u>Effect</u> : Mortality
XYLENE	Acute - LC50 - Fresh water Fish - Fathead minnow - <i>Pimephales promelas</i> Age: 31 days; Size: 18.4 mm; <u>Weight</u> : 0.077 g 13.4 mg/l [96 hours] <u>Effect</u> : Mortality EC50 Crustaceans - <i>Penaeus monodon</i> 3.82 mg/l [48 hours] None.
solvent naphtha (petroleum), light aromatic ethylbenzene	Acute - LC50 - Marine water Crustaceans - Brine shrimp - <i>Artemia sp.</i> - Nauplii Age: 2 to 3 13.3 mg/l [48 hours] <u>Effect</u> : Mortality Acute - EC50 - Fresh water Algae - Green algae - <i>Raphidocelis subcapitata</i> 3600 µg/l [96 hours] <u>Effect</u> : Population
2-methoxy-1-methylethyl acetate 1,2,4-trimethylbenzene	None. Acute - LC50 - Marine water Crustaceans - Scud - <i>Elasmopus pecteniscus</i> - Adult 4910 µg/l [48 hours] <u>Effect</u> : Mortality Acute - LC50 - Fresh water Fish - Fathead minnow - <i>Pimephales promelas</i> Age: 34 days 7720 µg/l [96 hours] <u>Effect</u> : Mortality None.
BIS(1,2,2,6,6-PENTAMETHYL-4-PIPERIDINYL) SEBACATE styrene	Acute - LC50 - Fresh water US EPA Daphnia - Water flea - <i>Daphnia magna</i> Age: ≤24 hours 23 mg/l [48 hours] <u>Effect</u> : Mortality Acute - EC50 - Fresh water Algae - Green algae - <i>Raphidocelis subcapitata</i> 33 mg/l [96 hours] <u>Effect</u> : Population
maleic anhydride	Acute - LC50 - Fresh water Fish - Western mosquitofish - <i>Gambusia affinis</i> - Adult 230 ppm [96 hours] <u>Effect</u> : Mortality

Conclusion/Summary [Product] : Not available.

Persistence/degradability

Product/ingredient name	Result
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Section 12. Ecological information

n-butyl acetate	None.
XYLENE	OECD 301 F 90% [28 days]
solvent naphtha (petroleum), light aromatic	None.
ethylbenzene	None.
2-methoxy-1-methylethyl acetate	None.
1,2,4-trimethylbenzene	None.
BIS(1,2,2,6,6-PENTAMETHYL-4-PIPERIDINYL) SEBACATE	None.
styrene	None.
maleic anhydride	None.

Conclusion/Summary [Product] : Not available.

Product/ingredient name	Aquatic half-life	Photolysis	Biodegradability
n-butyl acetate	None.	None.	None.
XYLENE	-	-	Readily
solvent naphtha (petroleum), light aromatic	None.	None.	None.
ethylbenzene	None.	None.	None.
2-methoxy-1-methylethyl acetate	None.	None.	None.
1,2,4-trimethylbenzene	None.	None.	None.
BIS(1,2,2,6,6-PENTAMETHYL-4-PIPERIDINYL) SEBACATE	None.	None.	None.
styrene	None.	None.	None.
maleic anhydride	None.	None.	None.

Bioaccumulative potential

Product/ingredient name	LogP _{ow}	BCF	Potential
n-butyl acetate	2.3	None.	Low
XYLENE	3.12	8.1 to 25.9	Low
solvent naphtha (petroleum), light aromatic	None.	10 to 2500	High
ethylbenzene	3.6	None.	Low
2-methoxy-1-methylethyl acetate	1.2	None.	Low
1,2,4-trimethylbenzene	3.63	243	Low
BIS(1,2,2,6,6-PENTAMETHYL-4-PIPERIDINYL) SEBACATE	None.	None.	None.
styrene	2.96	13.49	Low
maleic anhydride	-2.78	None.	Low

Mobility in soil

Soil/Water partition coefficient : Not available.

Other adverse effects

Section 12. Ecological information

No known significant effects or critical hazards.

Section 13. Disposal considerations

Disposal methods : The generation of waste should be avoided or minimized wherever possible. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible. This material and its container must be disposed of in a safe way. Care should be taken when handling emptied containers that have not been cleaned or rinsed out. Empty containers or liners may retain some product residues. Vapor from product residues may create a highly flammable or explosive atmosphere inside the container. Do not cut, weld or grind used containers unless they have been cleaned thoroughly internally. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

Section 14. Transport information

	Brazil	IMDG	IATA
UN number	UN1263	UN1263	UN1263
UN proper shipping name	PAINT	PAINT	PAINT
Transport hazard class(es)	3 	3 	3 
Packing group	III	III	III
Environmental hazards	No.	No.	No.

Additional information

Brazil : **Risk number** 30

Special precautions for user : **Transport within user's premises:** always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in the event of an accident or spillage.

Transport in bulk according to IMO instruments : Not available.

The actual shipping description for this product may vary based several factors including, but not limited to, the volume of material, size of the container, mode of transport and use of exemptions or exceptions found in the applicable regulations. The information provided in Section 14 is one possible shipping description for this product. Consult your shipping specialist or supplier for appropriate assignment information.

Section 15. Regulatory information

Inventory list

Canada	: At least one component is not listed.
China	: Not determined.
United States	: At least one component is not listed.

National regulations

Ministry of Transport Resolution No 5998/2022

ABNT (Brazilian Association of Technical Standards). NBR 14725:2023.

Section 16. Other information

History

Date of issue	: 22/07/2026
Version	: 1

Product stewardship and regulatory compliance.

Key to abbreviations

: ATE = Acute Toxicity Estimate
BCF = Bioconcentration Factor
GHS = Globally Harmonized System of Classification and Labelling of Chemicals
IATA = International Air Transport Association
IBC = Intermediate Bulk Container
IMDG = International Maritime Dangerous Goods
LogPow = logarithm of the octanol/water partition coefficient
MARPOL = International Convention for the Prevention of Pollution From Ships, 1973 as modified by the Protocol of 1978. ("Marpol" = marine pollution)
N/A = Not available
UN = United Nations

📌 Indicates information that has changed from previously issued version.

Notice to reader

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