

UNI 80 DESCARBONIZANTE Y LIMPIA TBI

LIMPIA CARBURADORES DE VEHÍCULOS,
SIN NECESIDAD DE DESMONTAR

CARACTERÍSTICAS Y APLICACIONES

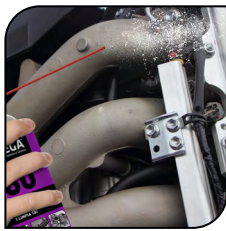
Uni 80 descarbonizante Spray Unipega fue desarrollado para limpieza y descarbonización de carburadores, carcasas de motores y pistones, sin la necesidad de desmontar. Quita en pocos minutos óxidos y otros elementos que obstruyen los canales y las válvulas del sistema de inyección. Su acción descarbonizante es rápida y eficaz proporcionando una limpieza profunda en piezas de aluminio o metales en general, como: inyectores, colectores de admisión, válvulas y cámaras de combustión. Puede ser aplicado en el carburador o en la mariposa del inyector con el motor de arranque girando. Es recomendable para auxiliar en el arranque de motores con problemas de carburación.

BENEFICIOS

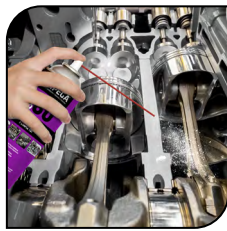
- Aplicación fácil sin desmontar las piezas
- Acción rápida y eficaz
- Limpieza profunda en piezas de aluminio o de metal
- Eliminar óxidos y elementos obstructivos



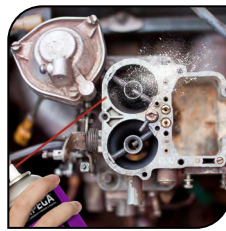
Boquilla del Inyector



Colector de admisión



Cámara de combustión



Carburador



Borboleta do Injetor



PRESENTACIÓN	COLOR	CÓDIGO VENTA	CÓDIGO DE BARRAS	EMBALAJE		NCM	CAJA						PALETIZADO	
				Peso (g)	Medidas (LxA) mm		Código	Unid.	Peso Neto (kg)	Peso Bruto (kg)	Comp. (mm)	Largura (mm)		Altura (mm)
Lata 300mL • 170g	N/A	0534.0036	7898652121432	170	56x205	38140090	17898652121439	12	2,040	2,844	170	290	208	Base: 26 Altura: 6

INSTRUCCIONES DE USO Y MANEJO

MODO DE EMPLEO

CARBURADOR: Tapar la tubería de entrada. Encender el motor y agote el combustible en el sistema. Aplique el producto por la ventilación del carburador. Jale el estérter. Deje arrancar el motor varias veces para que el producto circule. Esperar 15 minutos. Vuelva a conectar la manguera de combustible, vuelva a colocar la cubierta del filtro y encienda el motor. **COMPONENTES Y PIEZAS CARBONIZADAS:** Aplique el producto en toda la vuelta. Deje actuar por 15 minutos. Retire los residuos con la ayuda de un paño o pincel. Repita la operación para un mejor resultado. Secar los componentes. **PICOS INYECTORES:** Desconecte la alimentación eléctrica de la bomba de combustible. Conecte el motor y agote el combustible en el sistema. Desconecte la tubería de entrada del tubo distribuidor de combustible y aplique el producto, luego arranque. Deje actuar por 15 minutos. Reencender todos los sistemas. Acelerar el motor rápidamente varias veces.

ALMACENAMIENTO

El producto debe mantenerse en el embalaje original y almacenado en un lugar fresco a una temperatura de 5 a 30°C, lejos de la luz solar directa y de fuentes de calor, con el embalaje siempre almacenado de pie. No exponer al sol y a temperaturas superiores a 50°C. Evite mantener el producto en el interior de los vehículos. Mantener fuera del alcance de niños y animales domésticos. Validez (a partir de la fecha de fabricación): 36 meses.

INFORMACIÓN SOBRE LA GARANTÍA LIMITADA

La información contenida en esta Ficha Técnica se basa en nuestro conocimiento y experiencia hasta la fecha. Debido a que nuestro producto puede ser utilizado en una amplia gama de aplicaciones y en diferentes condiciones de trabajo, recomendamos que el cliente realice sus propias pruebas para aprobar el producto en cuanto a seguridad y finalidad de uso. No podemos asumir la responsabilidad de los resultados obtenidos por otros cuyos métodos están fuera de nuestro control. Por lo tanto, es de entera responsabilidad del usuario determinar la adecuación del producto para el propósito deseado y adoptar las precauciones que puedan ser aconsejadas para la protección de bienes y personas contra cualquier peligro que pueda estar involucrado en su manejo y aplicación. Nuestra garantía se aplica en el contexto de las normas legales y las disposiciones vigentes, a las normas profesionales vigentes y de acuerdo con las determinaciones establecidas en nuestras condiciones generales de venta. La información detallada en el presente documento se da a título indicativo. Lo mismo se aplica a cualquier información proporcionada verbalmente, por teléfono o por escrito a cualquier cliente potencial o ya existente. Para información de seguridad, manipulación, almacenamiento y descarte, consulte la Hoja de Información de Seguridad de Producto Químico (FISPQ).



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SECTION 1: Identification of Product and Company

1.1. Product identifier

Trade name	: UNI 80 DESCARBONIZANTE
Product code	: UNI 80 DESCARBONIZANTE
Product description	: Solvent based product
Recommended use	: Clearance and cleaning of intake manifolds and TBI

1.2. Company identification

A&S Technologies Indústria e Comércio Ltda.
Rodovia Gov. Dor. Adhemar Pereira de Barros (SP 340) km 130
13918-006 Jaguariúna/SP - Brasil
T +55 (19) 3512-9860
info@unipega.com - www.unipega.com

Emergency number : 0800 11 8270 - PRÓ-QUÍMICA

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to GHS BR (ABNT NBR 14725)

Aerosol, Category 1
Flammable liquids, Category 1
Acute toxicity (dermal), Category 5
Skin corrosion/irritation, Category 2
Serious eye damage/eye irritation, Category 2A
Skin sensitisation, Category 1
Carcinogenicity, Category 2
Hazardous to the aquatic environment — Acute Hazard, Category 2
Hazardous to the aquatic environment — Chronic Hazard, Category 3

2.2. Label elements

GHS BR labelling

Hazard pictograms (GHS BR) :



Signal word (GHS BR) :

Danger

Hazard statements (GHS BR) :

H222 - Extremely flammable aerosol.
H224 - Extremely flammable liquid and vapour.
H229 - Pressurised container: May burst if heated.
H313 - May be harmful in contact with skin
H315 - Causes skin irritation.
H317 - May cause an allergic skin reaction.
H319 - Causes serious eye irritation.
H351 - Suspected of causing cancer.
H401 - Toxic to aquatic life
H412 - Harmful to aquatic life with long lasting effects.

Precautionary statements (GHS BR) :

P201 - Obtain special instructions before use.
P202 - Do not handle until all safety precautions have been read and understood.
P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P211 - Do not spray on an open flame or other ignition source.
P233 - Keep container tightly closed.
P240 - Ground/bond container and receiving equipment.
P242 - Use only non-sparking tools.
P243 - Take precautionary measures against static discharge.
P251 - Do not pierce or burn, even after use.
P261 - Avoid breathing spray.
P264 - Wash hands thoroughly after handling.
P273 - Avoid release to the environment.
P280 - Wear protective gloves, eye protection, face protection.
P302+P352 - IF ON SKIN: Wash with plenty of soap and water.
P303+P361+P353 - IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.

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P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P308+P313 - IF exposed or concerned: Get medical advice/attention.
P312 - Call a doctor if you feel unwell.
P332+P313 - If skin irritation occurs: Get medical advice/attention.
P333+P313 - If skin irritation or rash occurs: Get medical advice/attention.
P337+P313 - If eye irritation persists: Get medical advice/attention.
P362+P364 - Take off contaminated clothing and wash it before reuse.
P403+P235 - Store in a well-ventilated place. Keep cool
P405 - Store locked up.
P410+P412 - Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F.
P501 - Dispose of contents/container to Collection point.

2.3. Other hazards not contributing to the classification

No additional information available

SECTION 3: Composition/information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

Name	Product identifier	%
butane	(CAS-No.) 106-97-8	16 - 48
propane	(CAS-No.) 74-98-6	4 - 12
Organic solvent		20 - 50

SECTION 4: First aid measures

4.1. Description of first aid measures

First-aid measures general : IF exposed or concerned: Get medical advice/attention. People with over sensibility problems are not allowed to work or be exposed to the product.

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

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. If skin irritation or rash occurs: Get medical advice/attention.

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, both acute and delayed

Symptoms/effects : May cause severe burns. May cause an allergic skin reaction. Causes serious eye irritation.

Symptoms/effects after inhalation : May cause drowsiness or dizziness. May cause irritation to the respiratory tract, sneezing, coughing, burning sensation of throat with constricting sensation of the larynx and difficulty in breathing.

Symptoms/effects after skin contact : May be harmful in contact with skin. Causes skin irritation. irritation (itching, redness, blistering). Cracking of the skin. Prolonged or repeated contact may cause skin to become dry.

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

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

Chronic symptoms : Suspected carcinogen.

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

Notes to physician : Treat symptomatically

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media : Dry chemical, CO₂, or water spray or regular foam. DO NOT EXTINGUISH A LEAKING GAS FIRE UNLESS THE LEAK CAN BE STOPPED.

Unsuitable extinguishing media : Do not use a heavy water stream.

5.2. Special hazards arising from the substance or mixture

Fire hazard : Extremely 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. Extremely flammable aerosol. Pressurised container: May burst if heated. Heating may cause a fire or explosion. In case of fire and/or explosion do not breathe fumes.

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Explosion hazard : Vapours may form explosive mixture with air. Prolonged exposure to fire may cause containers to rupture/explode. Explosion risk in case of fire. Heating may cause an explosion.

5.3. Advice for firefighters

Precautionary measures fire : Keep container closed when not in use. This product is not to be used under conditions of poor ventilation. Keep container tightly closed and away from heat, sparks and flame.

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. Eliminate all ignition sources if safe to do so. Fight fire remotely due to the risk of explosion. Do not enter fire area without proper protective equipment, including respiratory protection.

Protection during firefighting : Use self-contained breathing apparatus and chemically protective clothing. Self-contained breathing apparatus.

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. 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.

6.2. Environmental precautions

Prevent from entering sewers, basements and workpits, or any place where its accumulation can be dangerous. Avoid discharge to atmosphere. Harmful to aquatic life with long lasting effects. Do not allow product to spread into the environment. Toxic to aquatic life. Notify authorities if product enters sewers or public waters.

6.3. Methods and material 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. Absorb spilled material with sand or earth. Absorb spillage to prevent material damage. Clean contaminated surfaces with an excess of water. Take up liquid spill into absorbent material.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Additional hazards when processed : Flammable vapours may accumulate in the container.

Precautions for safe handling : Provide adequate ventilation to minimize dust and/or vapour concentrations. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Handle carefully. Ground/bond container and receiving equipment. Use only non-sparking tools. Take precautionary measures against static discharge. Wear personal protective equipment. Obtain special instructions before use. Use only outdoors or in a well-ventilated area. Prevent the build-up of electrostatic charge. Take all necessary technical measures to avoid or minimize the release of the product on the workplace. Limit quantities of product at the minimum necessary for handling and limit the number of exposed workers. Do not get in eyes, on skin, or on clothing. Contaminated work clothing should not be allowed out of the workplace. Ensure good ventilation of the work station. Keep only in original container. Do not handle until all safety precautions have been read and understood.

Hygiene measures : Always wash hands after handling the product. Take off immediately all contaminated clothing and wash it before reuse. Do not eat, drink or smoke when using this product.

7.2. Conditions for safe storage, including any incompatibilities

Technical measures : Ensure adequate ventilation, especially in confined areas. Use only non-sparking tools. Ground/bond container and receiving equipment. Store locked up. Store in tightly closed, leak-proof containers.

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Storage conditions	: Keep cool. Store in a well-ventilated place. Keep container tightly closed. Keep only in original container. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Keep in fireproof place. Keep container closed when not in use. Store in a well-ventilated place. Keep cool. Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F. 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

No additional information available

8.2. Exposure controls

Appropriate engineering controls : Provide local exhaust or general room ventilation. Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure.

8.3. Personal protective equipment

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:

Long sleeved protective clothing. Chemical resistant apron. Wear impervious rubber safety shoes

Respiratory protection:

Where exposure through inhalation may occur from use, respiratory protection equipment is recommended

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	: Liquid
Appearance	: Liquid under pressure.
Colour	: Not available
Odour	: characteristic
Odour threshold	: Not available
pH	: Not available
Melting point	: Not available
Freezing point	: Not available
Boiling point	: Not available
Flash point	: ≥ -60 °C
Relative evaporation rate (butylacetate=1)	: Not available
Flammability (solid, gas)	: Not available
Explosive limits	: Not available
Vapour pressure	: Not available
Relative vapour density at 20 °C	: Not available
Relative density	: Not available
Density	: 0.506 - 0.583 g/cm ³
Solubility	: Insoluble in water.
Log Kow	: Not available
Auto-ignition temperature	: Not available
Decomposition temperature	: Not available
Viscosity, kinematic	: Not available
Viscosity, dynamic	: Not available

9.2. Other information

No additional information available

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According to ABNT NBR 14725-4

SECTION 10: Stability and reactivity

Chemical stability	: In use may form flammable/explosive vapour-air mixture, Extremely flammable aerosol, Pressurised container: May burst if heated.
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, May mass explode in fire, Heating may cause a fire or explosion.
Reactivity	: The product is non-reactive under normal conditions of use, storage and transport

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity (oral)	: Not available
Acute toxicity (dermal)	: May be harmful in contact with skin.
Acute toxicity (inhalation)	: Not available

ATE BR (dermal)	4410.267 mg/kg bodyweight
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Skin corrosion/irritation	: Causes skin irritation.
Serious eye damage/irritation	: Causes serious eye irritation.
Respiratory or skin sensitisation	: May cause an allergic skin reaction.
Germ cell mutagenicity	: Not available
Carcinogenicity	: Suspected of causing cancer.
Reproductive toxicity	: Not available
STOT-single exposure	: Not available
STOT-repeated exposure	: Not available
Aspiration hazard	: Not available

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

Symptoms/effects	: May cause severe burns. May cause an allergic skin reaction. Causes serious eye irritation.
Symptoms/effects after inhalation	: May cause drowsiness or dizziness. May cause irritation to the respiratory tract, sneezing, coughing, burning sensation of throat with constricting sensation of the larynx and difficulty in breathing.
Symptoms/effects after skin contact	: May be harmful in contact with skin. Causes skin irritation. irritation (itching, redness, blistering). Cracking of the skin. Prolonged or repeated contact may cause skin to become dry.
Symptoms/effects after eye contact	: stinging. Redness. Causes serious eye irritation. redness, itching, tears.
Symptoms/effects after ingestion	: Burns or irritation of the linings of the mouth, throat, and gastrointestinal tract.
Chronic symptoms	: Suspected carcinogen.

SECTION 12: Ecological information

12.1. Toxicity

Hazardous to the aquatic environment, short-term (acute)	: Toxic to aquatic life.
Hazardous to the aquatic environment, long-term (chronic)	: Harmful to aquatic life with long lasting effects.

12.2. Persistence and degradability

No additional information available

12.3. Bioaccumulative potential

No additional information available

12.4. Mobility in soil

No additional information available

12.5. Other adverse effects

No additional information available

SECTION 13: Disposal considerations

Waste treatment methods	: Must follow special treatment according to local regulation.
Sewage disposal recommendations	: Disposal must be done according to official regulations.
Product/Packaging disposal recommendations	: Disposal must be done according to official regulations.
Additional information	: Flammable vapours may accumulate in the container. Do not re-use empty containers.