

Product name: DEGREASER FOR PAINTED BODYWORK

FISPQ: 0008-01

Issue date: 10/31/2023

Compliant with NBR 14725

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1 - PRODUCT AND COMPANY IDENTIFICATION

Commercial name: DEGREASER FOR PAINTED BODYWORK

nº CAS: 68551-15-5

Recommended use: Degreaser Release; agent Paint, Corrosion inhibitor.

COMPANY NAME:

PETROVILA QUÍMICA LTDA

Street Winston da Silva, nº 1 – Bandeirinhas Industrial District,

Betim - Minas Gerais, Brazil CEP: 32684-310

Email address: quimica@petrovila.com.br

Telephones: 55 (31) 3045-1001 / 55 (31) 3045-1013

Emergency telephone number: 0800 0300 306

RESPONSIBLE FOR INFORMATION IN THE COMPANY:

Responsible Chemist: José Henrique Delgado Hermont. C.R.Q.: No. 02403992 - 2nd Region Brazil

2- HAZARDS IDENTIFICATION

Classification of the substance or mixture

Flammable liquids, Category 2

Skin sensitization, Category 1

Aspiration Hazard, Category 1

Appropriate labeling elements

GHS-BR labeling

Appropriate labeling elements

GHS-BR labeling

Classification system: Standard ABNT-NBR-14725:2014.

Globally Harmonized System for the Classification and Labeling of Chemicals.



GHS02



GHS07



GHS08

Signal word (GHS-BR):

Danger

Hazard statements (GHS-BR):

H225 - Highly flammable liquid and vapors

H304 - May be fatal if swallowed and enters airways respiratory

H317 - May cause allergic skin reactions

Precautionary phrases (GHS-BR):

P210 - Keep away from heat, sparks, open flames and hot surfaces. - Do not smoke

P233 - Keep container tightly closed

P240 - Ground the container vessel and product receiver during transfers

P241 - Use explosion-proof ventilation, electrical and lighting equipment

P242 - Only use non-sparking tools

P243 - Avoid the accumulation of electrostatic charges

P261 - Avoid breathing vapors, spray, mist

P272 - Contaminated work clothes must not leave the workplace

P280 - Wear eye protection, protective clothing, protective gloves

Classification system:

Standard ABNT-NBR-14725:2014. Globally Harmonized System for the Classification and Labeling of Chemicals.

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P301+P310 - IF SWALLOWED: immediately contact a POISON CENTER
P302+P352 - IF ON SKIN: Wash with plenty of water
P303+P361+P353 - IF CONTACT WITH SKIN (or hair): Immediately remove all contaminated clothing. Rinse skin with water/take a shower
P331 - DO NOT induce vomiting
P333+P313 - If skin irritation or rash occurs: Consult a doctor
P363 - Wash contaminated clothing before using it again
P370+P378 - In case of fire: use carbon dioxide (CO₂), dry extinguishing powder, foam to extinguish
P403+P235 - Store in a well-ventilated place. Keep in a cool place
P405 - Store under lock and key
P501 - Dispose of contents/container to a hazardous or special waste reception center in accordance with local, regional or international regulations

Other hazards that do not result in a rating

None known

3- COMPOSITION AND INFORMATION ABOUT INGREDIENTS

Substance

Type of substance: UVCB chemical variables or unknown biological origin

Synonyms: Flammable liquid NE (alkanes C8-C10 - Iso)

Nome	Identificação do produto	%
Alkanes, C8-10-iso- (Main constituent)	(nº CAS) 68551-15-5	100

Mixture

Not applicable

4- FIRST AID ACTIONS

Description of first aid measures

General first aid measures: Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label if possible).

First aid measures Remove the person to a ventilated place and keep them at rest after inhalation: in a position that does not make breathing difficult. If you feel unwell, contact a POISON CENTER/doctor.

First aid measures Immediately remove all contaminated clothing. Rinse the skin with after skin contact: water/take a shower. Wash with plenty of water. Wash contaminated clothing before using it again. In case of skin irritation: Consult a doctor.

First aid measures Rinse immediately with plenty of water. Get assistance after eye contact: doctor if pain, blinking or redness persist.

First aid measures Rinse your mouth. DO NOT induce vomiting. If vomiting occurs, the head after ingestion: must be kept low, so that vomit does not enter the lungs. Immediately contact a POISON CENTER or doctor.

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Most important symptoms and effects, acute or delayed

Symptoms/injuries after inhalation: Overexposure to vapors may cause coughing.

Symptoms/injuries after contact Repeated or prolonged contact with the skin may cause dermatitis.
with the skin: May cause allergic skin reactions.

Symptoms/injuries after contact May cause moderate irritation.
with the eyes:

Symptoms/injuries after ingestion: Ingestion may cause nausea and vomiting. It can be fatal if swallowed and enters the respiratory tract. It can result in aspiration into the lungs, causing chemical agent pneumonia.

Indication of any urgent medical attention and special treatments needed

Note to physician: Treat symptomatically.

5- FIRE-FIGHTING MEASURES

Extinguishing media

Suitable extinguishing media:

Foam. Dry powder. Carbon dioxide. Water spray. Sand.

Inadequate extinguishing media:

DO NOT USE a jet of water directly on the fire as the water can spread the flame over a larger area.

Specific hazards arising from the substance or mixture

Fire hazard: Highly flammable liquid and vapors. Incomplete combustion releases dangerous carbon monoxide, carbon dioxide and other toxic gases.

Explosion hazard: May form flammable/explosive vapor-air mixture. Heavier than air, vapors can travel long distances along the ground, ignite or explode and return to the source. Heat can build up pressure, rupturing closed containers, spreading fire and increasing the risk of burns and injuries.

Reactivity: No dangerous reactions are known under normal conditions of use.

Recommendations for the firefighting team

Firefighting Instructions: Use water spray or fog to cool exposed containers. Use caution when fighting any chemical fire. Prevent water used to fight fires from contaminating the environment.

Protection during firefighting: Do not enter the fire area without suitable protective equipment, including respiratory protection.

6- CONTROL MEASURES FOR SPILLS OR LEAKS

Personal precautions, protective equipment and emergency procedures

General measures: Use special care to avoid static electricity charges. Avoid open flames. Do not smoke. Remove any possible ignition source.

For non-first responders

Protective equipment: Use required personal protective equipment. For more information, see section 8: "Exposure control/protection individual".

Emergency procedures: Evacuate unnecessary personnel.

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For first responders

Protective equipment: Equip cleaning staff with adequate protection. For more information, see section 8: "Exposure control/personal protection".

Emergency procedures: Ventilate the area. Avoid any contact with eyes and skin and do not breathe vapors and mists. Spilled material may cause a fall hazard.

Environmental precautions

Prevent entry into drains and public waters. Notify authorities if liquid enters sewers or public waters.

Containment and cleaning methods and materials

For containment: Contain and collect like any solid. Contain spilled substance and pump into suitable containers.

Cleaning methods: Absorb spilled product as quickly as possible with inert solids, such as clay or diatomaceous earth. Collect spilled material. Store away from other materials.

7- HANDLING AND STORAGE

Precautions for safe handling

Additional hazards when processing: Handle empty containers with care as residual vapors are flammable.

Precautions for safe handling: Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Ensure good ventilation in the work area to avoid the formation of steam. Avoid open flames. Do not smoke. Avoid the accumulation of electrostatic charges. Only use non-sparking tools. Obtain specific instructions before use. Do not handle the product until you have read and understood all safety precautions. Avoid inhaling mist, spray, vapors. Use only outdoors or in well-ventilated areas.

Hygiene measures: Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work.

Conditions for safe storage, including incompatibilities

Technical measures: Proper grounding procedures must be followed to avoid static electricity. Ground the container vessel and product receiver during transfers. Use explosion-proof ventilation equipment.

Storage conditions: Keep only in the original container and in a cool, well-ventilated place. Keep the container tightly closed. Store in a dry, cool and well-ventilated place. Keep away from heat.

Incompatible materials: Strong bases. Strong acids.

8- EXPOSURE CONTROL AND PERSONAL PROTECTION

Parâmetros de controle

No additional information available.

Controles de exposição

Control parameters

No additional information available.

Exposure controls

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Appropriate engineering controls:

Prevent formation of mists in the atmosphere. Work outdoors/with local suction/ventilation or respiratory protection. Eyewash supplies and emergency safety showers must be available in the immediate vicinity of any potential exposure. Ensure adequate ventilation. Only use non-sparking tools.

Individual protection equipment

Hand protection:

Impermeable protective gloves. For special uses, it is recommended that the chemical resistance of the protective gloves mentioned above be checked with their manufacturer/supplier.

Eye Protection:

Chemical safety goggles or safety glasses. Chemical protective goggles or face shield with safety glasses.

Skin and body protection:

Wear suitable protective clothing.

Respiratory protection:

Use respiratory protective equipment.

9- PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physicochemical properties

Physical state:	Liquid.
Color:	Colorless.
Odor:	Characteristic.
Odor threshold:	No data available.
pH:	No data available.
Melting point:	No data available.
Solidification point:	< -80°C.
Boiling point:	Not available.
Flash point:	20 °C (closed vessel).
Relative evaporation rate (butyl acetate = 1):	No data available.
Flammability (solid/gas):	Flammable.
Explosion limits:	0.8 - 2.9 vol. %.
Vapor pressure:	Not available.
Relative vapor density at 20°C:	0.72 - 0.73. (ar=1)
Relative density:	0.72 - 0.73 (water=1).
Density:	Not available.
Solubility:	Immiscible in water and ethylene glycol. Miscible in ethanol, chloroform and mineral oil 70.
Log Pow:	1.46.
Log Kow:	No data available.
Auto-ignition temperature:	385 °C.
Decomposition temperature:	Not available.
Viscosity, kinematics:	0.78 cSt (25°C) 0.68 cSt (40°C)
Viscosity, dynamics:	No data available.

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Other information

Additional information:

Moisture: 200 mg/Kg.

10 - STABILITY AND REACTIVITY

Chemical stability:

Highly flammable liquid and vapor. May form flammable/explosive vapor-air mixture.

Conditions to avoid:

Direct sunlight. Extremely high or low temperatures. Open flame. Overheating. Heat. Sparks.

Hazardous decomposition products:

Smoke. Carbon monoxide. Carbon dioxide. May release flammable gases.

Incompatible materials:

Strong acids, Strong bases.

Possibility of dangerous reactions:

No dangerous reactions known.

Reactivity:

No dangerous reactions are known under normal conditions of use.

11 - TOXICOLOGICAL INFORMATION

Information on toxicological effects

Acute toxicity:

Not classified.

Acute toxicity (oral):

Not classified.

Acute toxicity (dermal):

Not classified.

Acute toxicity (inhalation):

Not classified.

Skin corrosion/irritation:

Not classified.

Serious eye damage/eye irritation:

Not classified.

Respiratory or skin sensitization:

May cause allergic skin reactions.

Germ cell mutagenicity:

Not classified.

Carcinogenicity:

Not classified.

Reproductive toxicity:

Not classified.

Target organ toxicity

Not classified.

specific - single exposure:

Target organ toxicity

Not classified.

specifics-repeated exposure:

Aspiration hazard:

May be fatal if swallowed and enters respiratory tract.

12 - ECOLOGICAL INFORMATION

Toxicity

Toxicity to the aquatic environment - Acute:

Not classified.

Toxicity to the aquatic environment - Chronic:

Not classified.

Other information:

Avoid release into the environment.

Persistence and degradability

No additional information available.

Bioaccumulative potential

(68551-15-5)	
Log Pow	1.46

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Soil mobility

No additional information available.

Other adverse effects

Other information:

Avoid release into the environment.

13 - CONSIDERATIONS ABOUT FINAL DESTINATION

Waste Disposal Recommendations:

Dispose of safely in accordance with local and national regulations. Dispose of the product in accordance with local regulations. To treat waste, contact the entity responsible and authorized for treatment.

Additional information:

Handle empty containers with care, as residual vapors are flammable. The empty container retains product residue. Do not pressurize, cut, weld, sand, drill, mill, grind, or expose containers to flames, sparks, heat, or other potential sources of ignition. Do not reuse empty containers.

Ecology - waste materials:

Avoid release into the environment.

14 - TRANSPORTATION INFORMATION

Classification for land transport:

ANTT

UN Number:

UN1993

Proper shipping name:

FLAMMABLE LIQUID, N.E. (C8-10-Isoalkanes)

Risk Class / Subclass:

3

Risk number:

33

Packing group:

II

Danger to the environment:

C8-10-Isoalkanes

Classification for maritime transport:

IMO - IMDG

UN Number:

UN1993

Proper shipping name:

FLAMMABLE LIQUID, N.O.S. (Alkanes, C8-10-Iso)

Risk Class / Subclass:

3

Packing group:

II

Marine pollutant:

Not considered a marine pollutant based on available data

Transport in bulk in accordance with Annex I or II of the MARPOL 73/78 Convention and the IBC or IGC Code

Product name:

Consult IMO regulations before transporting in bulk

Classification for air transport:

IATA - ICAO

UN Number:

UN1993

Proper shipping name:

FLAMMABLE LIQUID, N.O.S. (Alkanes, C8-10-Iso)

Risk Class / Subclass:

3

Packing group:

II

Environmental hazard:

Toxic to aquatic organisms

The information on transport regulations provided in this document does not cover all respective technical and operational requirements and therefore cannot be considered exhaustive. Consult the guidelines of ANTT, IMO and IATA regulations before transporting the product. The transport company is responsible for complying with the laws, regulations and rules applicable to the transport of the material.

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15 - INFORMATION ABOUT REGULATIONS

Regulatory reference: Listed on the AICS (Australian Inventory of Chemical Substances)

Listed on the Canadian DSL (Domestic Substances List)

Listed in the IECSC (Inventory of Existing Chemical Substances Produced or Imported in China)

Listed in EINECS (European Inventory of Existing Commercial Chemical Substances)

Listed in the Japanese ENCS (Existing & New Chemical Substances) inventory

Listed on the ECL (Existing Chemicals List) coreana

Listed on the United States TSCA (Toxic Substances Control Act) inventory

16 - OTHER INFORMATION

Hommel diagram:



TECHNICAL MANAGER:

José Henrique Delgado Hermont. C.R.Q.: 02403992 - 2nd Region Brazil