

SECTION 1: Identification of the substance/mixture and of the company/undertaking**1.1 Product identifier**Trade name: **BODY AQUA 772 DEGREASER**

Article number: 425

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

Sector of Use SU3 Industrial uses: Uses of substances as such or in preparations at industrial sites

Product category PC9a Coatings and paints, thinners, paint removers

Process category

PROC8a Transfer of substance or preparation (charging/discharging) from/to vessels/large containers at non-dedicated facilities

Environmental release category ERC2 Formulation of preparations

Article category AC1 Vehicles

Application of the substance / the preparation Surface protection

1.3 Details of the supplier of the safety data sheet**Manufacturer/Supplier:**

H.B. BODY S.A

B' ENTRANCE BLOCK 50 DA9 & MB6 Str

THESSALONIKI INDUSTRIAL AREA

57.022, SINDOS

THESSALONIKI,GREECE

Ph: +30 2310 790 000

Fax: +30 2310 790 033

www.hbbody.com

email: hbbody@hbbody.com

Further information obtainable from:

H.B. BODY S.A

B' ENTRANCE BLOCK 50 DA9 & MB6 Str

THESSALONIKI INDUSTRIAL AREA

57.022, SINDOS

THESSALONIKI,GREECE

Ph: +30 2310 790 000

Fax: +30 2310 790 033

www.hbbody.com

email: hbbody@hbbody.com

1.4 Emergency telephone number: +30 2310 790 000**SECTION 2: Hazards identification****2.1 Classification of the substance or mixture**

Classification according to Directive 67/548/EEC or Directive 1999/45/EC Not applicable.

Information concerning particular hazards for human and environment:

The product does not have to be labelled due to the calculation procedure of the "General Classification guideline for preparations of the EU" in the latest valid version.

Classification system:

The classification is according to the latest editions of the EU-lists adapting Directive 67/548/EEC on the classification, packaging and labelling of dangerous substances and extended by company and literature data.

2.2 Label elements**Labelling according to EU guidelines:**

Observe the general safety regulations when handling chemicals.

The product is not subject to identification regulations under EU Directives and the Ordinance on Hazardous Materials (German GefStoffV).

(Contd. on page 2)

Trade name: **BODY AQUA 772 DEGREASER**

(Contd. of page 1)

Safety phrases:

29/56 Do not empty into drains, dispose of this material and its container at hazardous or special waste collection point.

2.3 Other hazards

Results of PBT and vPvB assessment

This product contains no substance that is considered to be persistent, bioaccumulating or non toxic (PBT). This mixture contains no substance that is considered to be very persistent or very bioaccumulating (vPvB).

PBT: Not applicable.

vPvB: Not applicable.

SECTION 3: Composition/information on ingredients

3.2 Chemical characterization: Mixtures

Description: Mixture of hazardous substances

Dangerous components: Void

Additional information: For the wording of the listed risk phrases refer to section 16.

SECTION 4: First aid measures

4.1 Description of first aid measures

General information:

Symptoms of poisoning may even occur after several hours; therefore medical observation for at least 48 hours after the accident.

No special measures required.

After inhalation: Supply fresh air; consult doctor in case of complaints.

After skin contact: Generally the product does not irritate the skin.

After eye contact: Rinse opened eye for several minutes under running water.

After swallowing: If symptoms persist consult doctor.

4.2 Most important symptoms and effects, both acute and delayed No further relevant information available.

4.3 Indication of any immediate medical attention and special treatment needed

No further relevant information available.

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing agents: CO₂, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.

5.2 Special hazards arising from the substance or mixture No further relevant information available.

5.3 Advice for firefighters

Firefighters should always protective equipment and breathing apparatus when handling fire coming from these products

Speial protective equipment and fire fighting procedures:

Firefighters should wear full protective flameproof clothing and self contained breathing apparatus for the firefighter if necessary. In the event of any fire try cool down the tanks with water spray. If possible do not allow the water used by firefighters to enter the drains or come in any contact with the water supply lines for the public. Always seek as appropriate.

Additional information Collect contaminated fire fighting water separately. It must not enter the sewage system.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures Not required.

6.2 Environmental precautions:

Do not allow product to reach sewage system or any water course.

Inform respective authorities in case of seepage into water course or sewage system.

Do not allow to enter sewers/ surface or ground water.

6.3 Methods and material for containment and cleaning up:

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

(Contd. on page 3)

Trade name: **BODY AQUA 772 DEGREASER**

(Contd. of page 2)

6.4 Reference to other sections

No dangerous substances are released.

See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment.

See Section 13 for disposal information.

SECTION 7: Handling and storage

7.1 Precautions for safe handling No special measures required.

Information about fire - and explosion protection: No special measures required.

7.2 Conditions for safe storage, including any incompatibilities

Storage:

Requirements to be met by storerooms and receptacles: No special requirements.

Information about storage in one common storage facility:

As general storage guide: store separately from oxidizing agents and strongly alkaline and strongly acidic materials. Do not store together with explosives, gases, oxidizing solids, products which form flammable gases in contact with water, oxidizing products, infectious products and radioactive products.

Further information about storage conditions: None.

7.3 Specific end use(s) No further relevant information available.

SECTION 8: Exposure controls/personal protection

Additional information about design of technical facilities: No further data; see item 7.

8.1 Control parameters

Ingredients with limit values that require monitoring at the workplace:

The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

DNELs

CAS No:	Substance	End Use	Routes of exposure	Frequency	Type	Value	Effect
123-86-4	Butyl Acetate	Workers	Inhalation		Long Term	Systemic	Effect
	100mg/kg						

Additional information: The lists valid during the making were used as basis.

8.2 Exposure controls

Personal protective equipment:

General protective and hygienic measures:

The usual precautionary measures are to be adhered to when handling chemicals.

Respiratory protection: Not required.

Protection of hands:

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

Material of gloves

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

Penetration time of glove material

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

For the permanent contact in work areas without heightened risk of injury (e.g. Laboratory) gloves made of the following material are suitable:

The breakthrough time of gloves is unknown for this product itself. The glove material that can be used is recommended on the basis of the different substances in the preparation.

(Contd. on page 4)

Trade name: **BODY AQUA 772 DEGREASER**

(Contd. of page 3)

For the permanent contact gloves made of the following materials are suitable:

Fluorocarbon rubber (Viton)

For the permanent contact of a maximum of 15 minutes gloves made of the following materials are suitable:

Rubber gloves

Eye protection: Goggles recommended during refilling

Body protection: Protective work clothing

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

General Information

Appearance:

Form:

Liquid

Colour:

Colourless

Odour:

Odourless

Odour threshold:

Not determined.

pH-value:

Not determined.

Change in condition

Melting point/Melting range:

Undetermined.

Boiling point/Boiling range:

100 °C

Flash point:

> 55 °C

Flammability (solid, gaseous):

Not applicable.

Autoignition temperature:

405 °C

Decomposition temperature:

Not determined.

Self-igniting:

Product is not selfigniting.

Danger of explosion:

Product does not present an explosion hazard.
Risk of explosion by shock, friction, fire or other sources of ignition.

Explosion limits:

Lower:

Not determined.

Upper:

Not determined.

Vapour pressure at 20 °C:

23 hPa

Density at 20 °C:

0.99972 g/cm³

Relative density

Not determined.

Vapour density

Not determined.

Evaporation rate

Not determined.

Solubility in / Miscibility with
water:

Not miscible or difficult to mix.

Partition coefficient (n-octanol/water): Not determined.

Viscosity:

Dynamic:

Not determined.

Kinematic:

Not determined.

Solvent content:

Organic solvents:

9.0 %

Water:

90.8 %

(Contd. on page 5)

Trade name: BODY AQUA 772 DEGREASER

(Contd. of page 4)

VOC (EC)	100 g/l 973.1 g/l
----------	----------------------

Solids content (volume):	0.2 %
--------------------------	-------

9.2 Other information	No further relevant information available.
-----------------------	--

SECTION 10: Stability and reactivity**10.1 Reactivity****10.2 Chemical stability**

Thermal decomposition / conditions to be avoided: No decomposition if used according to specifications.

10.3 Possibility of hazardous reactions No dangerous reactions known.

10.4 Conditions to avoid No further relevant information available.

10.5 Incompatible materials: No further relevant information available.

10.6 Hazardous decomposition products: No dangerous decomposition products known.

SECTION 11: Toxicological information**11.1 Information on toxicological effects****Acute toxicity:****LD/LC50 values relevant for classification:**

7397-62-8 butyl glycolate	
---------------------------	--

Oral LD50	4595 mg/kg (rat)
-----------	------------------

Primary irritant effect:

on the skin: No irritant effect.

on the eye: No irritating effect.

Sensitization: No sensitizing effects known.

Additional toxicological information:

The product is not subject to classification according to the calculation method of the General EU Classification Guidelines for Preparations as issued in the latest version.

When used and handled according to specifications, the product does not have any harmful effects to our experience and the information provided to us.

SECTION 12: Ecological information**12.1 Toxicity****Aquatic toxicity:**

This product is not toxic for the aquatic life. Nevertheless do not dispose the product or any cleaning solvents used along with this product into the sea

12.2 Persistence and degradability

This product contains polyesteric molecules and organic solvents and is not known to be bioaccumulative. It can be considered as biodegradable in small quantities. In case of disposal, it should be treated as a hazardous material and should be disposed accordingly. Do not just throw it away

12.3 Bioaccumulative potential

This product is not known to have bioaccumulative potentials. It should not be disposed in areas where living organisms could consume. Dispose it as a hazardous material according to local laws and regulations

12.4 Mobility in soil

This product is not considered to present any mobility in soil. Do not dispose it in the soil and treat it as a hazardous product according to local laws and legislations.

Additional ecological information:**General notes:**

Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water

Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

(Contd. on page 6)

Trade name: **BODY AQUA 772 DEGREASER**

(Contd. of page 5)

12.5 Results of PBT and vPvB assessment

PBT: This product contains no substance that is considered to be persistent, bioaccumulating or non toxic (PBT).

vPvB: This mixture contains no substance that is considered to be very persistent or very bioaccumulating (vPvB).

12.6 Other adverse effects No further relevant information available.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Recommendation Smaller quantities can be disposed of with household waste.

Uncleaned packaging:

Recommendation: Disposal must be made according to official regulations.

SECTION 14: Transport information

14.1 UN-Number

ADR, ADN, IMDG, IATA

Void

14.2 UN proper shipping name

ADR, ADN, IMDG, IATA

Void

14.3 Transport hazard class(es)

ADR, ADN, IMDG, IATA

Class

Void

14.4 Packing group

ADR, IMDG, IATA

Void

14.5 Environmental hazards:

Marine pollutant:

No

14.6 Special precautions for user

Not applicable.

14.7 Transport in bulk according to Annex II of

MARPOL73/78 and the IBC Code

Not applicable.

UN "Model Regulation":

-

SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

Labelling according to EU guidelines:

Observe the general safety regulations when handling chemicals.

The product is not subject to identification regulations under EU Directives and the Ordinance on Hazardous Materials (German GefStoffV).

Safety phrases:

29/56 Do not empty into drains, dispose of this material and its container at hazardous or special waste collection point.

15.2 Chemical safety assessment: A Chemical Safety Assessment has been carried out.

SECTION 16: Other information

This information is based on our current knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

Classification according to Regulation (EC) No 1272/2008

The product is not classified according to the CLP regulation.

(Contd. on page 7)

Trade name: BODY AQUA 772 DEGREASER

(Contd. of page 6)

Department issuing MSDS: Department of Quality Control**Contact:****H.B BODY S.A****Ms Olympia Stamkou****Ph: +30 2310 790 032****fax: +30 2310 790 033****email: stamkou@hbbody.com****Abbreviations and acronyms:****RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)****ICAO: International Civil Aviation Organization****ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)****IMDG: International Maritime Code for Dangerous Goods****IATA: International Air Transport Association****EINECS: European Inventory of Existing Commercial Chemical Substances****ELINCS: European List of Notified Chemical Substances****CAS: Chemical Abstracts Service (division of the American Chemical Society)****VOC: Volatile Organic Compounds (USA, EU)****DNEL: Derived No-Effect Level (REACH)****LC50: Lethal concentration, 50 percent****LD50: Lethal dose, 50 percent***** Data compared to the previous version altered.**

GB

(Contd. on page 8)

Trade name: **BODY AQUA 772 DEGREASER**

(Contd. of page 7)

Annex: Exposure scenario**Short title of the exposure scenario**

General Statement: The exposure scenarios on the MSDS tend to provide specific information on how a hazardous substance, found in a preparation or as a raw material can be managed and controlled. It considers specific conditions of use in order to ensure that a use can be safe to humans and the environment. Identified risk management measures are to be implemented unless the downstream user is able to ensure a safe handling of the material in a different way.

Sector of Use SU3 Industrial uses: Uses of substances as such or in preparations at industrial sites

Product category PC9a Coatings and paints, thinners, paint removers

Process category

PROC8a Transfer of substance or preparation (charging/discharging) from/to vessels/large containers at non-dedicated facilities

Article category AC1 Vehicles

Environmental release category ERC2 Formulation of preparations

Description of the activities / processes covered in the Exposure Scenario

See section 1 of the annex to the Safety Data Sheet.

Conditions of use According to directions for use.

Duration and frequency

5 workdays/week.

Frequency of use:

Physical parameters

The data on the physical - chemical properties in the Exposure Scenario is based on the properties of the preparation.

Physical state Fluid

Concentration of the substance in the mixture The substance is main component.

Other operational conditions

Other operational conditions affecting environmental exposure No special measures required.

Other operational conditions affecting consumer exposure Not required.

Other operational conditions affecting consumer exposure during the use of the product Not applicable.

Risk management measures**Worker protection**

Organisational protective measures

No special measures required.

Ensure good ventilation. This can be achieved by using a local exhaustion or general exhaust system. If these measures are insufficient to keep the solvent vapour concentration below the workplace limit, wear an adequate respiratory protective device.

Technical protective measures No special measures required.

Personal protective measures No special measures required.

Measures for consumer protection

No special measures required.

Observe consumer information and advice on safe use.

Environmental protection measures

Air No special measures required.

Water

No special measures required.

Do not allow to reach sewage system. Dispose of this product and its container at hazardous or special waste collection point.

Soil The product is only processed over the concrete collecting basin.

Disposal measures

Disposal must be made according to official regulations.

Ensure that waste is collected and contained.

Disposal procedures Dispose of product residues with household waste.

Waste type Partially emptied and uncleaned packaging

Exposure estimation

Consumer

Not relevant for this Exposure Scenario.

This product is to be used by professional technicians only.

(Contd. on page 9)

Trade name: BODY AQUA 772 DEGREASER

(Contd. of page 8)

Guidance for downstream users

Whether the downstream user acts within the scope of the Exposure Scenario can be verified based on the information in sections 1 to 8.