

1 Identification of the substance or mixture and of the supplier**Product identifier**Trade name: **SPRAY P965 WASH PRIMER**

Article number: 633

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

Life cycle stages IS Use at industrial Sites

Sector of Use

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

SU22 Professional uses: Public domain (administration, education, entertainment, services, craftsmen)

Product category PC9a Coatings and paints, thinners, paint removers

Process category PROC8b Transfer of substance or mixture (charging and discharging) at dedicated facilities

Environmental release category ERC5 Use at industrial site leading to inclusion into/onto article

Article category AC1 Vehicles

Technical function Corrosion inhibitor

Application of the substance / the mixture Surface protection

Details of the supplier of the safety data sheet

Manufacturer/Supplier:

HB BODY S.A.

B' ENTRANCE BLOCK 50 DA9 & MB6 Str

THESSALONIKI INDUSTRIAL AREA

57.022, SINDOS

THESSALONIKI,GREECE

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Further information obtainable from:

HB BODY S.A.

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Emergency telephone number: 24 hr Medical Emergency, National Poisons Centre, 0800 764 766 (0800 POISON)

2 Hazards identification**Classification of the substance or mixture**

flame

Aerosol 1 H222-H229 Extremely flammable aerosol. Pressurized container: may burst if heated.



corrosion

Eye Dam. 1 H318

Causes serious eye damage.

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STOT SE 3 H336 May cause drowsiness or dizziness.

· **Additional information:**

2.1.2A Flammable aerosol

8.3A Substances that are corrosive to ocular tissue

6.9 (Narcotic) Substances that are harmful to human target organs or systems

2.1.1 AFlammable gas - high hazard

· **Label elements**

· **GHS label elements** The product is classified and labelled according to the Globally Harmonised System (GHS).

· Hazard pictograms



GHS02 GHS05 GHS07

· Signal word Danger

· Hazard-determining components of labelling:

butan-1-ol

· Hazard statements

H222-H229 Extremely flammable aerosol. Pressurized container: may burst if heated.

H318 Causes serious eye damage.

H336 May cause drowsiness or dizziness.

· Precautionary statements

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P310 Immediately call a POISON CENTER/doctor.

P405 Store locked up.

P410+P412 Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F.

P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

· **Other hazards**

· Results of PBT and vPvB assessment

· PBT: Not applicable.

· vPvB: Not applicable.

3 Composition/Information on ingredients· **Chemical characterisation: Mixtures**

· Description: Mixture of hazardous substances listed below with nonhazardous additions.



· **Dangerous components:**

CAS: 115-10-6	dimethyl ether	45-<50%
EINECS: 204-065-8	Flam. Gas 1A, H220	
Index number: 603-019-00-8	Press. Gas C, H280	
RTECS: PM 4780000	Acute Tox. 2, H330	
CAS: 78-93-3	butanone	30-<35%
EINECS: 201-159-0	Flam. Liq. 2, H225	
Index number: 606-002-00-3	Eye Irrit. 2, H319; STOT SE 3, H336	
RTECS: EL 6475000		




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CAS: 67-63-0 propan-2-ol 5-<10%
 EINECS: 200-661-7  Flam. Liq. 2, H225
 Index number: 603-117-00-0  Eye Irrit. 2, H319; STOT SE 3, H336
 RTECS: NT 8050000

CAS: 123-86-4 n-butyl acetate 1-<5%
 EINECS: 204-658-1  Flam. Liq. 3, H226
 Index number: 607-025-00-1  STOT SE 3, H336
 RTECS: AF 7350000

CAS: 71-36-3 butan-1-ol ≥3-<5%
 EINECS: 200-751-6  Flam. Liq. 3, H226
 Index number: 603-004-00-6  Eye Dam. 1, H318
 RTECS: EO 1400000  Acute Tox. 4, H302; Skin Irrit. 2, H315; STOT SE 3, H335-H336

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

4 First aid measures**Description of first aid measures**

- 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. Then consult a doctor.
- After swallowing: If symptoms persist consult doctor.
- Information for doctor:
- Most important symptoms and effects, both acute and delayed No further relevant information available.
- Indication of any immediate medical attention and special treatment needed
No further relevant information available.

5 Fire fighting measures**Extinguishing media**

- Suitable extinguishing agents:
CO₂, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
- **Special hazards arising from the substance or mixture** No further relevant information available.

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:** No special measures required.
- **Additional information** Collect contaminated fire fighting water separately. It must not enter the sewage system.

6 Accidental release measures**Personal precautions, protective equipment and emergency procedures**

- Wear protective equipment. Keep unprotected persons away.
- **Environmental precautions:** Do not allow to enter sewers/ surface or ground water.
- **Methods and material for containment and cleaning up:**
Use neutralising agent.
Dispose contaminated material as waste according to section 13.
Ensure adequate ventilation.
- **Reference to other sections**
See Section 7 for information on safe handling.
See Section 8 for information on personal protection equipment.
See Section 13 for disposal information.

Trade name: SPRAY P965 WASH PRIMER**7 Handling and storage****· Handling:**

· Precautions for safe handling Ensure good ventilation/exhaustion at the workplace.

· Information about fire - and explosion protection:

Do not spray onto a naked flame or any incandescent material.

Keep ignition sources away - Do not smoke.

Pressurised container: protect from sunlight and do not expose to temperatures exceeding 50°C, i.e. electric lights. Do not pierce or burn, even after use.

· Conditions for safe storage, including any incompatibilities

· Storage:

· Requirements to be met by storerooms and receptacles:

Observe official regulations on storing packagings with pressurised containers.

· Information about storage in one common storage facility: Not required.

· Further information about storage conditions: Keep container tightly sealed.

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

8 Exposure controls/personal protection**· Control parameters**

· Ingredients with limit values that require monitoring at the workplace:

115-10-6 dimethyl ether

WES (New Zealand) Short-term value: 958 mg/m³, 500 ppm

Long-term value: 766 mg/m³, 400 ppm

IOELV (EU)

Long-term value: 1920 mg/m³, 1000 ppm

78-93-3 butanone

WES (New Zealand) Short-term value: 890 mg/m³, 300 ppm

Long-term value: 445 mg/m³, 150 ppm

bio

IOELV (EU)

Short-term value: 900 mg/m³, 300 ppm

Long-term value: 600 mg/m³, 200 ppm

67-63-0 propan-2-ol

WES (New Zealand) Short-term value: 1230 mg/m³, 500 ppm

Long-term value: 983 mg/m³, 400 ppm

123-86-4 n-butyl acetate

WES (New Zealand) Short-term value: 950 mg/m³, 200 ppm

Long-term value: 713 mg/m³, 150 ppm

IOELV (EU)

Short-term value: 723 mg/m³, 150 ppm

Long-term value: 241 mg/m³, 50 ppm

71-36-3 butan-1-ol

WES (New Zealand) Ceiling limit: 150 mg/m³, 50 ppm

skin

· Regulatory information

WES (New Zealand): Workplace Exposure Standards and Biological Exposure Indices

IOELV (EU): (EU) 2019/1831

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

· Exposure controls

· Personal protective equipment:

· General protective and hygienic measures:

Keep away from foodstuffs, beverages and feed.

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Immediately remove all soiled and contaminated clothing

Wash hands before breaks and at the end of work.

Avoid contact with the eyes.

Avoid contact with the eyes and skin.

· **Respiratory protection:**

In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use self-contained respiratory protective device.

· **Protection of hands:**



Protective gloves

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 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:**

Safety glasses



Tightly sealed goggles

· **Body protection: Protective work clothing**

9 Physical and chemical properties

· Information on basic physical and chemical properties

· General Information

· Appearance:

· Form:	Aerosol
· Colour:	Transparent
· Odour:	Characteristic
· Odour threshold:	Not determined.
· pH-value at 20 °C:	6-8
· Change in condition	
· Melting point/freezing point:	Undetermined.
· Initial boiling point and boiling range:	-24.9 °C
· Flash point:	< 0 °C
· Flammability (solid, gas):	Not applicable.
· Autoignition temperature:	235 °C
· Decomposition temperature:	Not determined.
· Ignition temperature:	Product is not selfigniting.

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· Explosive properties:	Risk of explosion by shock, friction, fire or other sources of ignition.
· Explosion limits:	
· Lower:	1.8 Vol %
· Upper:	18.6 Vol %
· Vapour pressure at 20 °C:	5,200 hPa
· Density at 20 °C:	0.75743-0.75836 g/cm ³
· Relative density	Not determined.
· Vapour density	Not determined.
· Evaporation rate	Not applicable.
· Solubility in / Miscibility with	
· water:	Fully miscible.
· Partition coefficient: n-octanol/water:	Not determined.
· Viscosity:	
· Dynamic:	Not determined.
· Kinematic:	Not determined.
· Solvent content:	
· Organic solvents:	93.7 %
· VOC (EC)	709.5-710.4 g/l
· Solids content (volume):	6.0 %
· Other information	No further relevant information available.

10 Stability and reactivity

- **Reactivity** No further relevant information available.
- **Chemical stability**
- Thermal decomposition / conditions to be avoided: No decomposition if used according to specifications.
- **Possibility of hazardous reactions** No dangerous reactions known.
- **Conditions to avoid** No further relevant information available.
- **Incompatible materials:** No further relevant information available.
- **Hazardous decomposition products:** No dangerous decomposition products known.

11 Toxicological information**Information on toxicological effects**

- Acute toxicity
- LD/LC50 values relevant for classification:

ATE (Acute Toxicity Estimates)

Oral LD50 24,947 mg/kg (rat)

Inhalative LC50/4 h 655 mg/l (rat)

115-10-6 dimethyl ether

Inhalative LC50/4 h 308 mg/l (rat)

78-93-3 butanone

Oral LD50 3,300 mg/kg (rat)

Dermal LD50 5,000 mg/kg (rabbit)

67-63-0 propan-2-ol

Oral LD50 5,045 mg/kg (rat)

Dermal LD50 12,800 mg/kg (rabbit)

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Inhalative LC50/4 h 30 mg/l (rat)

123-86-4 n-butyl acetate

Oral LD50 13,100 mg/kg (rat)

Dermal LD50 >5,000 mg/kg (rabbit)

Inhalative LC50/4 h >21 mg/l (rat)

71-36-3 butan-1-ol

Oral LD50 790 mg/kg (rat)

Dermal LD50 3,400 mg/kg (rabbit)

Inhalative LC50/4 h 8,000 mg/l (rat)

- Primary irritant effect:
- Skin corrosion/irritation No irritant effect.
- Serious eye damage/irritation Strong irritant with the danger of severe eye injury.
- Respiratory or skin sensitisation No sensitising effects known.
- Additional toxicological information:
The product shows the following dangers according to the calculation method of the General EU Classification Guidelines for Preparations as issued in the latest version:
Irritant

12 Ecological information**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

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

Behaviour in environmental systems:

· Bioaccumulative potential No further relevant information available.

· Mobility in soil No further relevant information available.

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.

Must not reach sewage water or drainage ditch undiluted or unneutralised.

Results of PBT and vPvB assessment

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

· vPvB: Not applicable.

· **Other adverse effects** No further relevant information available.

13 Disposal considerations**Waste treatment methods****Recommendation**

Must not be disposed together with household garbage. Do not allow product to reach sewage system.

Uncleaned packaging:

· Recommendation: Disposal must be made according to official regulations.

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- Recommended cleansing agents: Water, if necessary together with cleansing agents.

14 Transport information

- **UN-Number**
- NZS, IMDG, IATA UN1950
- **UN proper shipping name**
- NZS UN1950 AEROSOLS
- IMDG AEROSOLS
- IATA AEROSOLS, flammable
- **Transport hazard class(es)**

- NZS



- Class 2.5F Gases.
- Label 2.1
- IMDG, IATA



- Class 2.1 Gases.
- Label 2.1
- **Packing group**
- NZS, IMDG, IATA Void
- **Environmental hazards:** Not applicable.
- **Special precautions for user** Warning: Gases.
- Hazard identification number (Kemler code): -
- EMS Number: F-D,S-U
- Stowage Code SW1 Protected from sources of heat.
SW22 For AEROSOLS with a maximum capacity of 1 litre:
Category A. For AEROSOLS with a capacity above 1 litre:
Category B. For WASTE AEROSOLS: Category C, Clear of living quarters.
- Segregation Code SG69 For AEROSOLS with a maximum capacity of 1 litre:
Segregation as for class 9. Stow "separated from" class 1 except for division 1.4.
For AEROSOLS with a capacity above 1 litre:
Segregation as for the appropriate subdivision of class 2.
For WASTE AEROSOLS:
Segregation as for the appropriate subdivision of class 2.
- **Transport in bulk according to Annex II of Marpol and the IBC Code** Not applicable.

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Transport/Additional information:

- **NZS**
 - Limited quantities (LQ) 1L
 - Excepted quantities (EQ) Code: E0
Not permitted as Excepted Quantity
- **Transport category** 2
- **Tunnel restriction code** D
- **IMDG**
 - Limited quantities (LQ) 1L
 - Excepted quantities (EQ) Code: E0
Not permitted as Excepted Quantity
- **UN "Model Regulation":** UN 1950 AEROSOLS, 2.1

* **15 Regulatory information**

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

- None of the ingredients is listed.
- **New Zealand Inventory of Chemicals**

 - 115-10-6 dimethyl ether
 - 78-93-3 butanone
 - 67-63-0 propan-2-ol
 - 123-86-4 n-butyl acetate
 - 71-36-3 butan-1-ol
 - 1330-20-7 xylene
 - 7664-38-2 phosphoric acid
 - 78-83-1 butanol
 - 108-95-2 phenol
 - 50-00-0 formaldehyde
- **HSNO Approval numbers**
HSNO Number/HSNO Group Standard HSR002515
 - 115-10-6 dimethyl ether: HSR000995
 - 78-93-3 butanone: HSR001190
 - 67-63-0 propan-2-ol: HSR001180
 - 123-86-4 n-butyl acetate: HSR001091
 - 71-36-3 butan-1-ol: HSR001096
- **GHS label elements** The product is classified and labelled according to the Globally Harmonised System (GHS).
- **Hazard pictograms**



GHS02 GHS05 GHS07

- **Signal word** Danger
- **Hazard-determining components of labelling:**
 - butan-1-ol
- **Hazard statements**
H222-H229 Extremely flammable aerosol. Pressurized container: may burst if heated.

Trade name: SPRAY P965 WASH PRIMER

H318 Causes serious eye damage.

H336 May cause drowsiness or dizziness.

· **Precautionary statements**

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P310 Immediately call a POISON CENTER/doctor.

P405 Store locked up.

P410+P412 Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F.

P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

· **Directive 2012/18/EU**

· Named dangerous substances - ANNEX I None of the ingredients is listed.

· Seveso category P3a FLAMMABLE AEROSOLS

· Qualifying quantity (tonnes) for the application of lower-tier requirements 150 t

· Qualifying quantity (tonnes) for the application of upper-tier requirements 500 t

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

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.

· **Reasons for alterations**

· **Relevant phrases**

H220 Extremely flammable gas.

H225 Highly flammable liquid and vapour.

H226 Flammable liquid and vapour.

H280 Contains gas under pressure; may explode if heated.

H302 Harmful if swallowed.

H315 Causes skin irritation.

H318 Causes serious eye damage.

H319 Causes serious eye irritation.

H330 Fatal if inhaled.

H335 May cause respiratory irritation.

H336 May cause drowsiness or dizziness.

· **Contact:**

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· * Data compared to the previous version altered.

Trade name: **SPRAY P965 WASH PRIMER**

* **Annex: Exposure scenario**

· **Short title of the exposure scenario**

· Sector of Use

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

SU22 Professional uses: Public domain (administration, education, entertainment, services, craftsmen)

· Product category PC9a Coatings and paints, thinners, paint removers

· Process category PROC8b Transfer of substance or mixture (charging and discharging) at dedicated facilities

· Article category AC1 Vehicles

· Environmental release category ERC5 Use at industrial site leading to inclusion into/onto article

· Technical function Corrosion inhibitor

· **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 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 Aerosol

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

· Used amount per time or activity Smaller than 100 g per application.

· **Other operational conditions**

· Other operational conditions affecting environmental exposure No special measures required.

· Other operational conditions affecting worker exposure

Avoid contact with eyes.

Take precautionary measures against static discharge.

Keep away from sources of ignition - No smoking.

· Other operational conditions affecting consumer exposure No special measures required.

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

· **Risk management measures**

· Worker protection

· Organisational protective measures

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

Provide explosion-proof electrical equipment.

Ensure that suitable extractors are available on processing machines

· Personal protective measures

Avoid contact with the eyes.

Tightly sealed goggles

· Measures for consumer protection

Ensure adequate labelling.

Observe consumer information and advice on safe use.

· Environmental protection measures

· Water

Generally, prior to the introduction of wastewater into wastewater treatment plants a neutralisation is 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** Ensure that waste is collected and contained.

Trade name: SPRAY P965 WASH PRIMER

· **Disposal procedures**

Must not be disposed together with household garbage. Do not allow product to reach sewage system.

· **Waste type** Partially emptied and uncleaned packaging

· **Exposure estimation**

· **Consumer**

This product is to be used by professional technicians only.

Not relevant for this Exposure Scenario.

· **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.