

1 Identification**1.1 Product identifier**

- Trade name: **SPRAY P965 WASH PRIMER**
- Article number: 633
- Application of the substance / the mixture 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
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57.022, SINDOS
THESSALONIKI,GREECE
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Information department:

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- 1.4 Emergency telephone number:** CHEMTRECK : 800-494-9300

2 Hazard(s) identification**2.1 Classification of the substance or mixture**

- Classification according to Regulation (EC) No 1272/2008



GHS02 Flame

Flammable Aerosols 1

H222 Extremely flammable aerosol.



GHS04 Gas cylinder

Gases under Pressure - Compressed gas

H280 Contains gas under pressure; may explode if heated.



GHS05 Corrosion

Eye Damage 1

H318 Causes serious eye damage.



GHS07

Specific Target Organ Toxicity - Single Exposure 3 H336 May cause drowsiness or dizziness.

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2.2 Label elements

- Labelling according to Regulation (EC) No 1272/2008
The product is classified and labeled according to the CLP regulation.
- Hazard pictograms



- Signal word Danger
- Hazard-determining components of labeling:
butan-1-ol
butanone
propan-2-ol
n-butyl acetate

Hazard statements

- H222 Extremely flammable aerosol.
- H280 Contains gas under pressure; may explode if heated.
- H318 Causes serious eye damage.
- H336 May cause drowsiness or dizziness.

Precautionary statements

- P210 Keep away from heat/sparks/open flames/hot surfaces. - No smoking.
- P211 Do not spray on an open flame or other ignition source.
- P251 Pressurized container: Do not pierce or burn, even after use.
- P261 Avoid breathing dust/fume/gas/mist/vapors/spray
- P271 Use only outdoors or in a well-ventilated area.
- P280 Wear eye protection / face protection.
- P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.
- 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.
- P403+P233 Store in a well-ventilated place. Keep container tightly closed.
- P405 Store locked up.
- P410+P403 Protect from sunlight. Store in a well-ventilated place.
- 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.

Classification system:

- NFPA ratings (scale 0 - 4)



- HMIS-ratings (scale 0 - 4)



2.3 Other hazards

- Results of PBT and vPvB assessment
- PBT: Not applicable.

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· vPvB: Not applicable.

3 Composition/information on ingredients

3.2 Chemical characterization: Mixtures

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

Dangerous components:

CAS: 115-10-6	dimethyl ether	45-<50%
EINECS: 204-065-8	 Flammable Gases 1, H220	
Index number: 603-019-00-8	 Gases under Pressure - Compressed gas, H280	
RTECS: PM 4780000	 Acute Toxicity - Inhalation 2, H330	
CAS: 78-93-3	butanone	30-<35%
EINECS: 201-159-0	 Flammable Liquids 2, H225	
Index number: 606-002-00-3	 Eye Irritation 2A, H319; Specific Target Organ Toxicity - Single Exposure 3, H336	
RTECS: EL 6475000		
CAS: 67-63-0	propan-2-ol	5-<10%
EINECS: 200-661-7	 Flammable Liquids 2, H225	
Index number: 603-117-00-0	 Eye Irritation 2A, H319; Specific Target Organ Toxicity - Single Exposure 3, H336	
RTECS: NT 8050000		
CAS: 123-86-4	n-butyl acetate	1-<5%
EINECS: 204-658-1	 Flammable Liquids 3, H226	
Index number: 607-025-00-1	 Specific Target Organ Toxicity - Single Exposure 3, H336	
RTECS: AF 7350000		
CAS: 71-36-3	butan-1-ol	≥3-<5%
EINECS: 200-751-6	 Flammable Liquids 3, H226	
Index number: 603-004-00-6	 Eye Damage 1, H318	
RTECS: EO 1400000	 Acute Toxicity - Oral 4, H302; Skin Irritation 2, H315; Specific Target Organ Toxicity - Single Exposure 3, H335-H336	

4 First-aid measures

4.1 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.

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.

5 Fire-fighting measures

5.1 Extinguishing media

· Suitable extinguishing agents:

CO₂, extinguishing 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

· Protective equipment: No special measures required.

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

6 Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Wear protective equipment. Keep unprotected persons away.

6.2 Environmental precautions: Do not allow to enter sewers/ surface or ground water.

6.3 Methods and material for containment and cleaning up:

Use neutralizing agent.

Dispose contaminated material as waste according to section 13.

Ensure adequate ventilation.

6.4 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.

Protective Action Criteria for Chemicals

PAC-1:

115-10-6 dimethyl ether: 3,000 ppm

78-93-3 butanone: 200 ppm

67-63-0 propan-2-ol: 400 ppm

123-86-4 n-butyl acetate: 5 ppm

71-36-3 butan-1-ol: 60 ppm

1330-20-7 xylene: 130 ppm

7664-38-2 phosphoric acid: 3 mg/m³

78-83-1 butanol: 150 ppm

108-95-2 phenol: 15 ppm

50-00-0 formaldehyde: 0.90 ppm

PAC-2:

115-10-6 dimethyl ether: 3800* ppm

78-93-3 butanone: 2700* ppm

67-63-0 propan-2-ol: 2000* ppm

123-86-4 n-butyl acetate: 200 ppm

71-36-3 butan-1-ol: 800 ppm

1330-20-7 xylene: 920* ppm

7664-38-2 phosphoric acid: 30 mg/m³

78-83-1 butanol: 1,300 ppm

108-95-2 phenol: 23 ppm

50-00-0 formaldehyde: 14 ppm

PAC-3:

115-10-6 dimethyl ether: 7200* ppm

78-93-3 butanone: 4000* ppm

67-63-0 propan-2-ol: 12000** ppm

123-86-4 n-butyl acetate: 3000* ppm

71-36-3 butan-1-ol: 8000** ppm

1330-20-7 xylene: 2500* ppm

7664-38-2 phosphoric acid: 150 mg/m³

78-83-1 butanol: 8000* ppm

108-95-2 phenol: 200 ppm

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50-00-0 formaldehyde: 56 ppm

7 Handling and storage

- **7.1 Precautions for safe handling** Ensure good ventilation/exhaustion at the workplace.
- **Information about protection against explosions and fires:**
Do not spray on a naked flame or any incandescent material.
Keep ignition sources away - Do not smoke.
Pressurized 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.
- **7.2 Conditions for safe storage, including any incompatibilities**
- **Storage:**
- Requirements to be met by storerooms and receptacles:
Observe official regulations on storing packagings with pressurized containers.
- Information about storage in one common storage facility: Not required.
- Further information about storage conditions: Keep receptacle tightly sealed.
- **7.3 Specific end use(s)** No further relevant information available.

8 Exposure controls/personal protection

- **8.1 Control parameters**
- Components with limit values that require monitoring at the workplace:

115-10-6 dimethyl ether

WEEL Long-term value: 1000 ppm

78-93-3 butanone

PEL Long-term value: 590 mg/m³, 200 ppm

REL Short-term value: 885 mg/m³, 300 ppm

Long-term value: 590 mg/m³, 200 ppm

TLV Short-term value: 300 ppm

Long-term value: 200 ppm

BEI

67-63-0 propan-2-ol

PEL Long-term value: 980 mg/m³, 400 ppm

REL Short-term value: 1225 mg/m³, 500 ppm

Long-term value: 980 mg/m³, 400 ppm

TLV Short-term value: 400 ppm

Long-term value: 200 ppm

BEI, A4

123-86-4 n-butyl acetate

PEL Long-term value: 710 mg/m³, 150 ppm

REL Short-term value: 950 mg/m³, 200 ppm

Long-term value: 710 mg/m³, 150 ppm

TLV Short-term value: 150 ppm

Long-term value: 50 ppm

71-36-3 butan-1-ol

PEL Long-term value: 300 mg/m³, 100 ppm

REL Ceiling limit value: 150 mg/m³, 50 ppm

Skin

TLV Long-term value: 20 ppm

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- Regulatory information
WEEL: Guide to Occupational Exposure Values (AIHA WEELs)
PEL: Guide to Occupational Exposure Values (OSHA PELs)
REL: Guide to Occupational Exposure Values (NIOSH RELs)
TLV: Guide to Occupational Exposure Values (TLV)

· Ingredients with biological limit values:

78-93-3 butanone

- BEI 2 mg/L
Medium: urine
Time: end of shift
Parameter: Methyl ethyl ketone (nonspecific)

67-63-0 propan-2-ol

- BEI 40 mg/L
Medium: urine
Time: end of shift at end of workweek
Parameter: Acetone (background, nonspecific)

- Additional information: The lists that were valid during the creation were used as basis.

8.2 Exposure controls

· Personal protective equipment:

· General protective and hygienic measures:

- Keep away from foodstuffs, beverages and feed.
- 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.

· Breathing equipment:

- In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use respiratory protective device that is independent of circulating air.

· 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

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- Body protection: Protective work clothing

9 Physical and chemical properties

9.1 Information on basic physical and chemical properties

· General Information

· Appearance:

- Form: Aerosol
- Color: Transparent
- Odor: Characteristic
- Odor threshold: Not determined.

· pH-value at 20 °C (68 °F): 6-8

· Change in condition

- Melting point/Melting range: Undetermined.
- Boiling point/Boiling range: -24.9 °C (-12.8 °F)

· Flash point: < 0 °C (< 32 °F)

· Flammability (solid, gaseous): Not applicable.

· Auto igniting: 235 °C (455 °F)

· Decomposition temperature: Not determined.

· Ignition temperature: Product is not selfigniting.

· Danger of explosion: Risk of explosion by shock, friction, fire or other sources of ignition.

· Explosion limits:

- Lower: 1.8 Vol %
- Upper: 18.6 Vol %

· Vapor pressure at 20 °C (68 °F): 5,200 hPa (3.900 mm Hg)

· Density at 20 °C (68 °F): 0.75743-0.75836 g/cm³ (6.32075-6.32851 lbs/gal)

· Relative density: Not determined.

· Vapor 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 content: 93.68 %
709.5-710.4 g/l / 5.92-5.93 lb/gal

· Solids content: 6.0 %

· **9.2 Other information** No further relevant information available.

10 Stability and reactivity

· **10.1 Reactivity** No further relevant information available.

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· **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.

11 Toxicological information

· **11.1 Information on toxicological effects**

· Acute toxicity: Based on available data, the classification criteria are not met.

· LD/LC50 values that are relevant for classification:

ATE (Acute Toxicity Estimate)

Oral LD50 13,222 mg/kg (rat)

Dermal LD50 182,987 mg/kg (rabbit)

Inhalative LC50/4 h 1,006 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)

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:

· on the skin: Based on available data, the classification criteria are not met.

· on the eye:

Causes serious eye damage.

· Sensitization: Based on available data, the classification criteria are not met.

· Additional toxicological information:

· Carcinogenic categories

· IARC (International Agency for Research on Cancer)

67-63-0 propan-2-ol: 3

1330-20-7 xylene: 3

108-95-2 phenol: 3

50-00-0 formaldehyde: 1

· NTP (National Toxicology Program)

50-00-0 formaldehyde: K

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- OSHA-Ca (Occupational Safety & Health Administration)
50-00-0 formaldehyde
- Germ cell mutagenicity Based on available data, the classification criteria are not met.
- Carcinogenicity Based on available data, the classification criteria are not met.
- Reproductive toxicity Based on available data, the classification criteria are not met.
- Specific target organ toxicity - single exposure
May cause drowsiness or dizziness.
- Specific target organ toxicity - repeated exposure Based on available data, the classification criteria are not met.
- Aspiration hazard Based on available data, the classification criteria are not met.

12 Ecological information

- **12.1 Toxicity**
- Aquatic toxicity: No further relevant information available.
- **12.2 Persistence and degradability** No further relevant information available.
- **12.3 Bioaccumulative potential** No further relevant information available.
- **12.4 Mobility in soil** No further relevant information available.
- Additional ecological information:
- General notes:
Water hazard class 1 (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 bodies of water or drainage ditch undiluted or unneutralized.
- **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: Not applicable.
- **12.6 Other adverse effects** No further relevant information available.

* **13 Disposal considerations**

- **13.1 Waste treatment methods**
- Recommendation:
Must not be disposed of together with household garbage. Do not allow product to reach sewage system.
- Uncleaned packagings:
- Recommendation: Disposal must be made according to official regulations.
- Recommended cleansing agent: Water, if necessary with cleansing agents.

* **14 Transport information**

- **14.1 UN-Number**
- DOT, ADR, IMDG, IATA UN1950
- **14.2 UN proper shipping name**
- DOT Aerosols, flammable
- ADR UN1950 AEROSOLS
- IMDG AEROSOLS
- IATA AEROSOLS, flammable

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· **14.3 Transport hazard class(es)**

· DOT



· Class 2.1 Gases
· Label 2.1
· ADR



· Class 2.5F Gases
· Label 2.1
· IMDG, IATA



· Class 2.1 Gases
· Label 2.1

· **14.4 Packing group**

· DOT, ADR, IMDG, IATA Void

· **14.5 Environmental hazards:**

· **14.6 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.
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.

· Segregation Code

· **14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code**

· Transport/Additional information: Not applicable.

· ADR

· Excepted quantities (EQ) Code: E0
Not permitted as Excepted Quantity

· IMDG

· Limited quantities (LQ) 1L

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- Excepted quantities (EQ) Code: E0
- UN "Model Regulation": Not permitted as Excepted Quantity
UN 1950 AEROSOLS, 2.1

15 Regulatory information

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

- None of the ingredients is listed.
- Sara
- Section 355 (extremely hazardous substances):

108-95-2 phenol
50-00-0 formaldehyde
- Section 313 (Specific toxic chemical listings):

67-63-0 propan-2-ol
71-36-3 butan-1-ol
1330-20-7 xylene
7664-38-2 phosphoric acid
108-95-2 phenol
50-00-0 formaldehyde
- TSCA (Toxic Substances Control Act):

115-10-6 dimethyl ether: ACTIVE
78-93-3 butanone: ACTIVE
67-63-0 propan-2-ol: ACTIVE
123-86-4 n-butyl acetate: ACTIVE
71-36-3 butan-1-ol: ACTIVE
1330-20-7 xylene: ACTIVE
7664-38-2 phosphoric acid: ACTIVE
78-83-1 butanol: ACTIVE
108-95-2 phenol: ACTIVE
50-00-0 formaldehyde: ACTIVE
- Hazardous Air Pollutants

1330-20-7 xylene
108-95-2 phenol
50-00-0 formaldehyde
- Proposition 65
- Chemicals known to cause cancer:

50-00-0 formaldehyde
- Chemicals known to cause reproductive toxicity for females:

None of the ingredients is listed.
- Chemicals known to cause reproductive toxicity for males:

None of the ingredients is listed.
- Chemicals known to cause developmental toxicity:

None of the ingredients is listed.
- Cancerogenity categories
- EPA (Environmental Protection Agency)

78-93-3 butanone: I

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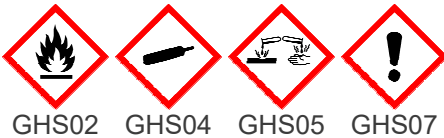
- 71-36-3 butan-1-ol: D
- 1330-20-7 xylene: I
- 108-95-2 phenol: D, I
- 50-00-0 formaldehyde: B1
- TLV (Threshold Limit Value)

- 67-63-0 propan-2-ol: A4
- 1330-20-7 xylene: A4
- 108-95-2 phenol: A4
- 50-00-0 formaldehyde: A2

- NIOSH-Ca (National Institute for Occupational Safety and Health)

- 50-00-0 formaldehyde
- Labelling according to Regulation (EC) No 1272/2008
The product is classified and labeled according to the CLP regulation.

- Hazard pictograms



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- Signal word Danger

- Hazard-determining components of labeling:

butan-1-ol
butanone
propan-2-ol
n-butyl acetate

- Hazard statements

H222 Extremely flammable aerosol.
H280 Contains gas under pressure; may explode if heated.
H318 Causes serious eye damage.
H336 May cause drowsiness or dizziness.

- Precautionary statements

P210 Keep away from heat/sparks/open flames/hot surfaces. - No smoking.
P211 Do not spray on an open flame or other ignition source.
P251 Pressurized container: Do not pierce or burn, even after use.
P261 Avoid breathing dust/fume/gas/mist/vapors/spray
P271 Use only outdoors or in a well-ventilated area.
P280 Wear eye protection / face protection.
P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.
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.
P403+P233 Store in a well-ventilated place. Keep container tightly closed.
P405 Store locked up.
P410+P403 Protect from sunlight. Store in a well-ventilated place.
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.

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

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16 Other information

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

· **Relevant phrases**

- H220 Extremely flammable gas.
- H225 Highly flammable liquid and vapor.
- H226 Flammable liquid and vapor.
- 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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· **Date of preparation / last revision 03/17/2023**

· *** Data compared to the previous version altered.**