

11/2017

# Mod: WASH-RI

Production code: PN04656 (BRILLONET SPECIAL)



**Diamond**  
Cleaning products

# Safety Data Sheet

## BRILLONET SPECIAL

Safety Data Sheet dated 28/3/2017, version 1

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### SECTION 1: Identification of the substance/mixture and of the company/undertaking

#### 1.1. Product identifier

Mixture identification:

Trade name: BRILLONET SPECIAL

Trade code: MD04663

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

Recommended use;

Brillantante neutro per lavastoviglie

Uses advised against:

Uses other than those recommended. Do not use with other product.

#### 1.3. Details of the supplier of the safety data sheet

Company:

M.D. INTERNATIONAL s.r.l.

Via Metauro, 31/A

61033 Fermignano (PU)

Tel. 0722331112

Fax 0722332280

Competent person responsible for the safety data sheet:

simona@midor.it

#### 1.4. Emergency telephone number

Tel. 0722331112

Fax 0722332280

Antipoison Center – Az.Osp.Papa Giovanni XXII - Bergamo - 800 883-300

Antipoison Center – Centro Nazionale di Informazione Tossicologica-PAVIA-0382 24444

Antipoison Center - Az. Osp. "Careggi" U.O. Tossicologia Medica - Firenze - 055 7947819

Antipoison Center – Osp. Pediatrico Bambino Gesù - Roma - 06 49978000

Antipoison Center – Policlinico "Umberto I" - Roma - 06 49918000

Antipoison Center – Policlinico "A. Gemelli" - Roma - 06 3054343

Antipoison Center – Az. Osp. "A. Cardarelli" - Napoli - 081 7472870

Antipoison Center – Osp. Pediatrico Bambino Gesù - Roma - 06 49978000

Antipoison Center – Osp. Niguarda Ca' Granda -Milano - 02 66101029

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### SECTION 2: Hazards identification

#### 2.1. Classification of the substance or mixture

EC regulation criteria 1272/2008 (CLP)

The product is not classified as dangerous according to Regulation EC 1272/2008 (CLP).

Adverse physicochemical, human health and environmental effects:

No other hazards

#### 2.2. Label elements

The product is not classified as dangerous according to Regulation EC 1272/2008 (CLP).

Hazard pictograms:

None

Hazard statements:

None

Precautionary statements:

None

Special Provisions:

EUH210 Safety data sheet available on request.

Special provisions according to Annex XVII of REACH and subsequent amendments:

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None

### 2.3. Other hazards

vPvB Substances: None - PBT Substances: None

Other Hazards:

No other hazards

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## SECTION 3: Composition/information on ingredients

### 3.1. Substances

N.A.

### 3.2. Mixtures

Hazardous components within the meaning of the CLP regulation and related classification:

Qty	Name	Ident. Number	Classification
>= 3% - < 5%	propan-2-ol; isopropyl alcohol; isopropanol	Index number: 603-117-00-0	 2.6/2 Flam. Liq. 2 H225
		CAS: 67-63-0	 3.3/2 Eye Irrit. 2 H319
		EC: 200-661-7	 3.8/3 STOT SE 3 H336

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## SECTION 4: First aid measures

### 4.1. Description of first aid measures

In case of skin contact:

Wash with plenty of water and soap.

In case of eyes contact:

In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

In case of Ingestion:

Do not under any circumstances induce vomiting. OBTAIN A MEDICAL EXAMINATION IMMEDIATELY.

In case of Inhalation:

Remove casualty to fresh air and keep warm and at rest.

### 4.2. Most important symptoms and effects, both acute and delayed

None

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

Treatment:

None

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## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

Suitable extinguishing media:

Water.

Carbon dioxide (CO<sub>2</sub>).

Extinguishing media which must not be used for safety reasons:

None in particular.

### 5.2. Special hazards arising from the substance or mixture

Do not inhale explosion and combustion gases.

Burning produces heavy smoke.

### 5.3. Advice for firefighters

Use suitable breathing apparatus .

Collect contaminated fire extinguishing water separately. This must not be discharged into drains.

Move undamaged containers from immediate hazard area if it can be done safely.

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### SECTION 6: Accidental release measures

- 6.1. Personal precautions, protective equipment and emergency procedures
    - Wear personal protection equipment.
    - Remove persons to safety.
    - See protective measures under point 7 and 8.
  - 6.2. Environmental precautions
    - Do not allow to enter into soil/subsoil. Do not allow to enter into surface water or drains.
    - Retain contaminated washing water and dispose it.
    - In case of gas escape or of entry into waterways, soil or drains, inform the responsible authorities.
    - Suitable material for taking up: absorbing material, organic, sand
  - 6.3. Methods and material for containment and cleaning up
    - Wash with plenty of water.
  - 6.4. Reference to other sections
    - See also section 8 and 13
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### SECTION 7: Handling and storage

- 7.1. Precautions for safe handling
    - Avoid contact with skin and eyes, inhalation of vapours and mists.
    - Do not eat or drink while working.
    - See also section 8 for recommended protective equipment.
  - 7.2. Conditions for safe storage, including any incompatibilities
    - Keep away from food, drink and feed.
    - Incompatible materials:
      - None in particular.
    - Instructions as regards storage premises:
      - Adequately ventilated premises.
  - 7.3. Specific end use(s)
    - None in particular
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### SECTION 8: Exposure controls/personal protection

- 8.1. Control parameters
  - propan-2-ol; isopropyl alcohol; isopropanol - CAS: 67-63-0
  - ACGIH - TWA(8h): 200 ppm - STEL: 400 ppm - Notes: A4, BEI - Eye and URT irr, CNS impair
  - DNEL Exposure Limit Values
    - N.A.
  - PNEC Exposure Limit Values
    - N.A.
- 8.2. Exposure controls
  - Eye protection:
    - Not needed for normal use. Anyway, operate according good working practices.
  - Protection for skin:
    - No special precaution must be adopted for normal use.
  - Protection for hands:
    - Not needed for normal use.
  - Respiratory protection:
    - Not needed for normal use.
  - Thermal Hazards:
    - None
  - Environmental exposure controls:
    - None
  - Appropriate engineering controls:
    - None

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### SECTION 9: Physical and chemical properties

#### 9.1. Information on basic physical and chemical properties

Properties	Value	Method:	Notes
Appearance and colour:	LIQUID, DI COLORE AZZURRO	--	--
Odour:	CARATTERI STICO	--	--
Odour threshold:	N.A.	--	--
pH:	8	--	--
Melting point / freezing point:	N.A.	--	--
Initial boiling point and boiling range:	>100°C	--	--
Flash point:	N.A.	--	--
Evaporation rate:	N.A.	--	--
Solid/gas flammability:	NOT INFLAMMABLE	--	--
Upper/lower flammability or explosive limits:	N.A.	--	--
Vapour pressure:	N.A.	--	--
Vapour density:	N.A.	--	--
Relative density:	1,00+/-0,02	--	--
Solubility in water:	COMPLETA	--	--
Solubility in oil:	N.A.	--	--
Partition coefficient (n-octanol/water):	N.A.	--	--
Auto-ignition temperature:	N.A.	--	--
Decomposition temperature:	N.A.	--	--
Viscosity:	N.A.	--	--
Explosive properties:	N.A.	--	--
Oxidizing properties:	N.A.	--	--

#### 9.2. Other information

Properties	Value	Method:	Notes
Miscibility:	N.A.	--	--
Fat Solubility:	N.A.	--	--
Conductivity:	N.A.	--	--
Substance Groups relevant properties	N.A.	--	--

### SECTION 10: Stability and reactivity

#### 10.1. Reactivity

Stable under normal conditions

#### 10.2. Chemical stability

Stable under normal conditions

#### 10.3. Possibility of hazardous reactions

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- None
- 10.4. Conditions to avoid  
Stable under normal conditions.
- 10.5. Incompatible materials  
None in particular.
- 10.6. Hazardous decomposition products  
None.

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### SECTION 11: Toxicological information

#### 11.1. Information on toxicological effects

Toxicological information of the product:

N.A.

Toxicological information of the main substances found in the product:

propan-2-ol; isopropyl alcohol; isopropanol - CAS: 67-63-0

a) acute toxicity:

Test: LD50 - Route: Oral - Species: Rat = 5840 mg/kg

Test: LD50 - Route: Skin - Species: Rabbit > 2000 mg/kg

If not differently specified, the information required in Regulation (EU)2015/830 listed below must be considered as N.A.:

- a) acute toxicity;
- b) skin corrosion/irritation;
- c) serious eye damage/irritation;
- d) respiratory or skin sensitisation;
- e) germ cell mutagenicity;
- f) carcinogenicity;
- g) reproductive toxicity;
- h) STOT-single exposure;
- i) STOT-repeated exposure;
- j) aspiration hazard.

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### SECTION 12: Ecological information

#### 12.1. Toxicity

Adopt good working practices, so that the product is not released into the environment.

propan-2-ol; isopropyl alcohol; isopropanol - CAS: 67-63-0

a) Aquatic acute toxicity:

Endpoint: EC50 - Species: Daphnia > 100 mg/l - Duration h: 48

Endpoint: EC50 - Species: Algae > 100 mg/l - Duration h: 72

Endpoint: LC50 - Species: Fish > 10 mg/l - Duration h: 48

#### 12.2. Persistence and degradability

N.A.

#### 12.3. Bioaccumulative potential

N.A.

#### 12.4. Mobility in soil

N.A.

#### 12.5. Results of PBT and vPvB assessment

vPvB Substances: None - PBT Substances: None

#### 12.6. Other adverse effects

None

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### SECTION 13: Disposal considerations

#### 13.1. Waste treatment methods

Recover if possible. In so doing, comply with the local and national regulations currently in force.

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### SECTION 14: Transport information

- 14.1. UN number  
Not classified as dangerous in the meaning of transport regulations.
  - 14.2. UN proper shipping name  
N.A.
  - 14.3. Transport hazard class(es)  
N.A.
  - 14.4. Packing group  
N.A.
  - 14.5. Environmental hazards  
N.A.
  - 14.6. Special precautions for user  
N.A.
  - 14.7. Transport in bulk according to Annex II of Marpol and the IBC Code  
N.A.
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### SECTION 15: Regulatory information

- 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture
    - Dir. 98/24/EC (Risks related to chemical agents at work)
    - Dir. 2000/39/EC (Occupational exposure limit values)
    - Regulation (EC) n. 1907/2006 (REACH)
    - Regulation (EC) n. 1272/2008 (CLP)
    - Regulation (EC) n. 790/2009 (ATP 1 CLP) and (EU) n. 758/2013
    - Regulation (EU) 2015/830
    - Regulation (EU) n. 286/2011 (ATP 2 CLP)
    - Regulation (EU) n. 618/2012 (ATP 3 CLP)
    - Regulation (EU) n. 487/2013 (ATP 4 CLP)
    - Regulation (EU) n. 944/2013 (ATP 5 CLP)
    - Regulation (EU) n. 605/2014 (ATP 6 CLP)
    - Regulation (EU) n. 2015/1221 (ATP 7 CLP)
  - Restrictions related to the product or the substances contained according to Annex XVII Regulation (EC) 1907/2006 (REACH) and subsequent modifications:
    - Restrictions related to the product:
      - Restriction 40
    - Restrictions related to the substances contained:
      - No restriction.
  - Where applicable, refer to the following regulatory provisions :
    - Directive 2012/18/EU (Seveso III)
    - Regulation (EC) nr 648/2004 (detergents).
    - Dir. 2004/42/EC (VOC directive)
  - Provisions related to directive EU 2012/18 (Seveso III):
    - Seveso III category according to Annex 1, part 1
    - NA
  - 15.2. Chemical safety assessment
    - No Chemical Safety Assessment has been carried out for the mixture.
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### SECTION 16: Other information

- Full text of phrases referred to in Section 3:
  - H225 Highly flammable liquid and vapour.
  - H319 Causes serious eye irritation.
  - H336 May cause drowsiness or dizziness.

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Hazard class and hazard category	Code	Description
Flam. Liq. 2	2.6/2	Flammable liquid, Category 2
Eye Irrit. 2	3.3/2	Eye irritation, Category 2
STOT SE 3	3.8/3	Specific target organ toxicity - single exposure, Category 3

This document was prepared by a competent person who has received appropriate training.

Main bibliographic sources:

ECDIN - Environmental Chemicals Data and Information Network - Joint Research Centre, Commission of the European Communities

SAX's DANGEROUS PROPERTIES OF INDUSTRIAL MATERIALS - Eight Edition - Van Nostrand Reinold

The information contained herein is based on our state of knowledge at the above-specified date. It refers solely to the product indicated and constitutes no guarantee of particular quality.

It is the duty of the user to ensure that this information is appropriate and complete with respect to the specific use intended.

This MSDS cancels and replaces any preceding release.

ADR:	European Agreement concerning the International Carriage of Dangerous Goods by Road.
CAS:	Chemical Abstracts Service (division of the American Chemical Society).
CLP:	Classification, Labeling, Packaging.
DNEL:	Derived No Effect Level.
EINECS:	European Inventory of Existing Commercial Chemical Substances.
GefStoffVO:	Ordinance on Hazardous Substances, Germany.
GHS:	Globally Harmonized System of Classification and Labeling of Chemicals.
IATA:	International Air Transport Association.
IATA-DGR:	Dangerous Goods Regulation by the "International Air Transport Association" (IATA).
ICAO:	International Civil Aviation Organization.
ICAO-TI:	Technical Instructions by the "International Civil Aviation Organization" (ICAO).
IMDG:	International Maritime Code for Dangerous Goods.
INCI:	International Nomenclature of Cosmetic Ingredients.
KSt:	Explosion coefficient.
LC50:	Lethal concentration, for 50 percent of test population.
LD50:	Lethal dose, for 50 percent of test population.
PNEC:	Predicted No Effect Concentration.
RID:	Regulation Concerning the International Transport of Dangerous Goods by Rail.
STEL:	Short Term Exposure limit.
STOT:	Specific Target Organ Toxicity.
TLV:	Threshold Limiting Value.
TWA:	Time-weighted average
WGK:	German Water Hazard Class.