

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH)



Trade name : PANDA LAVATRICE B/2
Revision date : 15.03.2016
Print date : 15.03.2016

Version (Revision) : 2.0.0 (1.0.0)

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

1.1 Product identifier

PANDA LAVATRICE B/2

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

Laundry Powder Detergent

1.3 Details of the supplier of the safety data sheet

Supplier (manufacturer/importer/only representative/downstream user/distributor)

Domus Chemicals SpA

Street : Via Giuseppe Mazzini, 1

Postal code/city : 24066 Pedrengo

Telephone : +39 035661363

Telefax : +39 035665864

Information contact : laboratorio@domuschemicals.it

1.4 Emergency telephone number

POISON CENTER Milano	+39 02 66101029	(CAV Ospedale Niguarda Ca' Granda - Milano)
POISON CENTER Pavia	+39 0382 24444	(CAV IRCCS Fondazione Maugeri - Pavia)
POISON CENTER Firenze	+39 055 7947819	(CAV Ospedale Careggi - Firenze)
POISON CENTER Roma	+39 06 3054343	(CAV Policlinico Gemelli - Roma)
POISON CENTER Roma	+39 06 49978000	(CAV Policlinico Umberto I - Roma)
POISON CENTER Napoli	+39 081 7472870	(CAV Ospedale Cardarelli - Napoli)

<http://apps.who.int/poisoncentres>

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP]

Eye Dam. 1 ; H318 - Serious eye damage/eye irritation : Category 1 ; Causes serious eye damage.

Skin Corr. 1B ; H314 - Skin corrosion/irritation : Category 1B ; Causes severe skin burns and eye damage.

STOT SE 3 ; H335 - Specific Target Organ Toxicity after single exposure : Category 3 ; May cause respiratory irritation

2.2 Label elements

Labelling according to Regulation (EC) No. 1272/2008 [CLP]

Hazard pictograms



Corrosion (GHS05)

Signal word

Danger

Hazard components for labelling

SODIUM METASILICATE, PENTAHYDRATE ; CAS No. : 10213-79-3

Hazard statements

H318 Causes serious eye damage.

H315 Causes skin irritation.

H335 May cause respiratory irritation.

Precautionary statements

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P260	Do not breathe dust/fume/gas/mist/vapours/spray.
P264	Wash hands thoroughly after handling.
P310	Immediately call a POISON CENTER/doctor
P321	Specific treatment (see on this label).
P405	Store locked up.
P501	Dispose of contents/container in accordance with local and national regulations

2.3 Other hazards

None

SECTION 3: Composition / information on ingredients

3.1 Substances

Not applicable.

3.2 Mixtures

Hazardous ingredients

SODIUM CARBONATE ; REACH registration No. : 01-2119485498-19-xxxx ; EC No. : 207-838-8 ; CAS No. : 497-19-8

Weight fraction : $\geq 35 - < 40$ %

Classification 1272/2008 [CLP] : Eye Irrit. 2 ; H319

SODIUM METASILICATE, PENTAHYDRATE ; REACH registration No. : 01-2119449811-37-xxxx ; EC No. : 229-912-9 ; CAS No. : 10213-79-3

Weight fraction : $\geq 5 - < 10$ %

Classification 1272/2008 [CLP] : Skin Corr. 1B ; H314 Eye Dam. 1 ; H318 STOT SE 3 ; H335

SODIUM PERCARBONATE ; REACH registration No. : 01-2119457268-30 ; EC No. : 239-707-6 ; CAS No. : 15630-89-4

Weight fraction : $\geq 5 - < 10$ %

Classification 1272/2008 [CLP] : Ox. Sol. 3 ; H272 Eye Dam. 1 ; H318 Acute Tox. 4 ; H302

SILICIC ACID, SODIUM SALT ; REACH registration No. : 01-2119448725-31-xxxx ; EC No. : 215-687-4 ; CAS No. : 1344-09-8

Weight fraction : $\geq 3 - < 5$ %

Classification 1272/2008 [CLP] : Eye Dam. 1 ; H318 Skin Irrit. 2 ; H315 STOT SE 3 ; H335

Additional information

Full text of H- and EUH-phrases: see section 16.

SECTION 4: First aid measures

4.1 Description of first aid measures

When in doubt or if symptoms are observed, get medical advice.

Following inhalation

Remove victim out of the danger area. Symptoms may develop several hours following exposure; medical observation therefore necessary for at least 48 hours.

In case of skin contact

Wash immediately with: Water Remove contaminated, saturated clothing immediately. In case of skin irritation, consult a physician. In case of skin reactions, consult a physician.

After eye contact

After contact with the eyes, rinse with water with the eyelids open for a sufficient length of time, then consult an ophthalmologist immediately.

After ingestion

Never give anything by mouth to an unconscious person or a person with cramps.

4.2 Most important symptoms and effects, both acute and delayed

No information available.

4.3 Indication of any immediate medical attention and special treatment needed

None

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SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media

Extinguishing media: foam, carbon dioxide (CO₂), dry chemical and water fog.

5.2 Special hazards arising from the substance or mixture

Do not inhale explosion and combustion. In case of fire can be released: Carbon oxides; Sodium Oxides; SO₂.

5.3 Advice for firefighters

Special protective equipment for firefighters

Use a breathing apparatus. Wear fully protective suit. Do not breathe fumes from the fire.

5.4 Additional information

Move out of dangerous unprotected persons and unauthorized. Issue staff emergence of suitable protective clothing and breathing apparatus (SCBA) with a full face with forced ventilation. In case of fire or overheating may cause a rise in pressure and may explode.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Clear spills immediately. Wear a self-contained breathing apparatus and chemical protective clothing. Wear a self-contained breathing apparatus and chemical protective clothing.

For non-emergency personnel

Remove persons to safety.

6.2 Environmental precautions

Do not allow to enter into surface water or drains. In case of gas escape or of entry into waterways, soil or drains, inform the responsible authorities.

6.3 Methods and material for containment and cleaning up

For containment

Absorb with liquid-binding material (e.g. sand, diatomaceous earth, acid- or universal binding agents). Collect in closed and suitable containers for disposal.

For cleaning up

The contaminated area should be cleaned up immediately with: Water Retain contaminated washing water and dispose it.

6.4 Reference to other sections

Safe handling: see section 7 Personal protection equipment: see section 8

SECTION 7: Handling and storage



7.1 Precautions for safe handling

Protective measures

Specific requirements or handling rules

Do not breathe gas/fumes/vapour/spray. See section 8.

Advices on general occupational hygiene

Handle with care - avoid bumps, friction and impact.

7.2 Conditions for safe storage, including any incompatibilities

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Only use containers specifically approved for the substance/product.

Requirements for storage rooms and vessels

Keep in a cool, well-ventilated place. Protect against UV-radiation/sunlight Humidity.

Hints on joint storage

Storage class : 13

Storage class (TRGS 510) : 8B

Keep away from

Store at least 3 metres apart from: Chemicals/products that react together readily

Further information on storage conditions

Keep container tightly closed and in a well-ventilated place.

7.3 Specific end use(s)

None

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

DNEL/DMEL and PNEC values

DNEL/DMEL

Limit value type :	DNEL Consumer (local) (SODIUM CARBONATE ; CAS No. : 497-19-8)
Exposure route :	Inhalation
Exposure frequency :	Long-term (repeated)
Limit value :	10 mg/m ³
Limit value type :	DNEL worker (local) (SODIUM CARBONATE ; CAS No. : 497-19-8)
Exposure route :	Inhalation
Exposure frequency :	Long-term (repeated)
Limit value :	10 mg/m ³
Limit value type :	DNEL Consumer (local) (SODIUM PERCARBONATE ; CAS No. : 15630-89-4)
Exposure route :	Dermal
Exposure frequency :	Short-term (acute)
Limit value :	6,4 mg/cm ²
Limit value type :	DNEL Consumer (local) (SODIUM PERCARBONATE ; CAS No. : 15630-89-4)
Exposure route :	Dermal
Exposure frequency :	Long-term (repeated)
Limit value :	6,4 mg/cm ²
Limit value type :	DNEL/DMEL (Consumer) (SODIUM METASILICATE, PENTAHYDRATE ; CAS No. : 10213-79-3)
Exposure route :	Oral
Exposure frequency :	Long-term (repeated)
Limit value :	0,74 mg/kg
Limit value type :	DNEL/DMEL (Consumer) (SODIUM METASILICATE, PENTAHYDRATE ; CAS No. : 10213-79-3)
Exposure route :	Inhalation
Exposure frequency :	Long-term (repeated)
Limit value :	1,55 mg/kg
Limit value type :	DNEL/DMEL (Consumer) (SODIUM METASILICATE, PENTAHYDRATE ; CAS No. : 10213-79-3)
Exposure route :	Dermal
Exposure frequency :	Long-term (repeated)
Limit value :	0,74 mg/kg
Limit value type :	DNEL/DMEL (Industrial) (SODIUM METASILICATE, PENTAHYDRATE ; CAS No. : 10213-79-3)
Exposure route :	Inhalation
Exposure frequency :	Long-term (repeated)

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Limit value : 6,22 mg/m³
Limit value type : DNEL/DMEL (Industrial) (SODIUM METASILICATE, PENTAHYDRATE ; CAS No. : 10213-79-3)
Exposure route : Dermal
Exposure frequency : Long-term (repeated)
Limit value : 1,49 mg/kg
Limit value type : DNEL worker (local) (SODIUM PERCARBONATE ; CAS No. : 15630-89-4)
Exposure route : Dermal
Exposure frequency : Short-term (acute)
Limit value : 12,8 mg/cm²
Limit value type : DNEL worker (local) (SODIUM PERCARBONATE ; CAS No. : 15630-89-4)
Exposure route : Dermal
Exposure frequency : Long-term (repeated)
Limit value : 12,8 mg/cm²
Limit value type : DNEL worker (local) (SODIUM PERCARBONATE ; CAS No. : 15630-89-4)
Exposure route : Inhalation
Exposure frequency : Long-term (repeated)
Limit value : 5 mg/m³
Limit value type : DNEL/DMEL (Consumer) (SILICIC ACID, SODIUM SALT ; CAS No. : 1344-09-8)
Exposure route : Dermal
Exposure frequency : Long-term (repeated)
Limit value : 0,8 mg/kg
Limit value type : DNEL/DMEL (Consumer) (SILICIC ACID, SODIUM SALT ; CAS No. : 1344-09-8)
Exposure route : Inhalation
Exposure frequency : Long-term (repeated)
Limit value : 1,38 mg/m³
Limit value type : DNEL/DMEL (Consumer) (SILICIC ACID, SODIUM SALT ; CAS No. : 1344-09-8)
Exposure route : Oral
Exposure frequency : Long-term (repeated)
Limit value : 0,8 mg/kg
Limit value type : DNEL/DMEL (Industrial) (SILICIC ACID, SODIUM SALT ; CAS No. : 1344-09-8)
Exposure route : Dermal
Exposure frequency : Long-term (repeated)
Limit value : 1,59 mg/kg
Limit value type : DNEL/DMEL (Industrial) (SILICIC ACID, SODIUM SALT ; CAS No. : 1344-09-8)
Exposure route : Inhalation
Exposure frequency : Long-term (repeated)
Limit value : 5,61 mg/m³

PNEC

Limit value type : PNEC aquatic, freshwater (SODIUM PERCARBONATE ; CAS No. : 15630-89-4)
Exposure route : Water (Including sewage plant)
Limit value : 0,03 mg/l
Limit value type : PNEC aquatic, intermittent release (SODIUM PERCARBONATE ; CAS No. : 15630-89-4)
Exposure route : Water (Including sewage plant)
Limit value : 0,03 mg/l
Limit value type : PNEC aquatic, marine water (SODIUM PERCARBONATE ; CAS No. : 15630-89-4)
Exposure route : Water (Including sewage plant)
Limit value : 0,03 mg/l
Limit value type : PNEC (Industrial) (SODIUM METASILICATE, PENTAHYDRATE ; CAS No. : 10213-79-3)
Exposure route : Water (Including sewage plant)
Limit value : 1 - 7,5 mg/l
Limit value type : PNEC sewage treatment plant (STP) (SODIUM PERCARBONATE ; CAS No. : 15630-89-4)
Limit value : 16,24 mg/l
Limit value type : PNEC aquatic, freshwater (SILICIC ACID, SODIUM SALT ; CAS No. : 1344-09-8)

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Limit value : 7,5 mg/l
Limit value type : PNEC aquatic, intermittent release (SILICIC ACID, SODIUM SALT ; CAS No. : 1344-09-8)
Exposure route : Water (Including sewage plant)
Limit value : 7,5 mg/l
Limit value type : PNEC aquatic, marine water (SILICIC ACID, SODIUM SALT ; CAS No. : 1344-09-8)
Limit value : 1 mg/l
Limit value type : PNEC Secondary Poisoning (SILICIC ACID, SODIUM SALT ; CAS No. : 1344-09-8)
Exposure route : Water (Including sewage plant)
Limit value : 348 mg/l
Limit value type : PNEC sewage treatment plant (STP) (SILICIC ACID, SODIUM SALT ; CAS No. : 1344-09-8)
Limit value : 348 mg/l

8.2 Exposure controls

Appropriate engineering controls

If local exhaust ventilation is not possible or not sufficient, the entire working area must be ventilated by technical means. If technical exhaust or ventilation measures are not possible or insufficient, respiratory protection must be worn.

Personal protection equipment



When using do not eat, drink, smoke, sniff.

Eye/face protection

Suitable eye protection

Glasses with side protection (EN 166).

Skin protection

Hand protection

You must wear protective gloves (EN 374 Chemical Risk). The glove material has to be impermeable and resistant to the product / the substance / the preparation.

Suitable materials with direct and prolonged contact (recommended: protection index 6 corresponding to > 480 minutes permeation time as per EN 374): eg nitrile rubber (0.4 mm), chloroprene rubber (0.5 mm), polyvinylchloride (0.7 mm) and other.

Breakthrough time of the glove material

The manufacturer of the gloves breakthrough time of the material and respect this indication.

Body protection

Personnel should wear protective clothing and all parts of the body should be washed after contact. Care should be taken in the selection of protective clothing to prevent the inflammation and irritation of the skin of the neck and wrists through such contact with the powder or small quantities.

The body protection must be suitable depending on activity and possible exposure, eg apron, boots and suitable for contact with chemical agents (according to EN 14605 in case of splashes or EN ISO 13982 in case of dust).

Respiratory protection

not required.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Safety relevant basis data

Aspect	White Powder
Odour :	Characteristic
Melting point/melting range :	No data available
Initial boiling point and boiling range :	(1013 hPa) No data available

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Flash point : No data available
Vapour pressure : (20 °C) no data available
Density : (20 °C) No data available
Viscosity : (40 °C) No data available

9.2 Other information

None

SECTION 10: Stability and reactivity

10.1 Reactivity

No hazardous reactions when stored and handled as described in paragraph 7.
In contact with acid reacts releasing CO₂.

10.2 Chemical stability

See section 7. No additional measures necessary.

10.3 Possibility of hazardous reactions

None.

10.4 Conditions to avoid

Avoid exposing the product to high temperatures. Keep the product away from open flame.

10.5 Incompatible materials

Strong Acid; Strong Alkalis and Strong oxidizing agents

10.6 Hazardous decomposition products

No ignition, explosion, self-heating or visible decomposition.

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Acute effects

Acute oral toxicity

Parameter :	LD50 (SODIUM CARBONATE ; CAS No. : 497-19-8)
Exposure route :	Oral
Species :	Rat
Effective dose :	= 2800 mg/kg
Parameter :	LD50 (SODIUM METASILICATE, PENTAHYDRATE ; CAS No. : 10213-79-3)
Exposure route :	Oral
Species :	Rat
Effective dose :	1152 - 1349 mg/kg
Parameter :	LD50 (SODIUM PERCARBONATE ; CAS No. : 15630-89-4)
Exposure route :	Oral
Species :	Rat
Effective dose :	893 mg/kg
Parameter :	LD50 (SODIUM PERCARBONATE ; CAS No. : 15630-89-4)
Exposure route :	Oral
Species :	Rat
Effective dose :	1164 mg/kg
Parameter :	LD50 (SILICIC ACID, SODIUM SALT ; CAS No. : 1344-09-8)
Exposure route :	Oral
Species :	Rat
Effective dose :	= 3400 mg/kg

Acute dermal toxicity

Parameter :	LD50 (SODIUM CARBONATE ; CAS No. : 497-19-8)
Exposure route :	Dermal
Species :	Rabbit

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Effective dose : > 2000 mg/kg
Parameter : LD50 (SODIUM METASILICATE, PENTAHYDRATE ; CAS No. : 10213-79-3)
Exposure route : Dermal
Species : Rat
Effective dose : > 5000 mg/kg
Parameter : LD50 (SILICIC ACID, SODIUM SALT ; CAS No. : 1344-09-8)
Exposure route : Dermal
Species : Rat
Effective dose : > 5000 mg/kg

Practical experience/human evidence

Harmful by inhalation, in contact with skin and if swallowed.

Acute inhalation toxicity

Parameter : LC50 (SODIUM CARBONATE ; CAS No. : 497-19-8)
Exposure route : Inhalation
Species : Rat
Effective dose : = 2300 mg/m³
Exposure time : 2 h
Parameter : LC50 (SODIUM METASILICATE, PENTAHYDRATE ; CAS No. : 10213-79-3)
Exposure route : Inhalation
Species : Rat
Effective dose : > 2,06 mg/m³
Parameter : LD50 (SODIUM PERCARBONATE ; CAS No. : 15630-89-4)
Exposure route : Inhalation
Effective dose : 700 mg/m³
Parameter : LC50 (SILICIC ACID, SODIUM SALT ; CAS No. : 1344-09-8)
Exposure route : Inhalation
Species : Rat
Effective dose : > 2,06 g/m³

Irritant and corrosive effects

Primary irritation to the skin

Practical experience/human evidence

Irritant. The evaluation based on subjective human observations supported by objective measurements of clear respiratory tract irritation (RTI).

SECTION 12: Ecological information

Do not allow uncontrolled discharge of product into the environment.

12.1 Toxicity

Aquatic toxicity

Acute (short-term) fish toxicity

Parameter : LC50 (SODIUM CARBONATE ; CAS No. : 497-19-8)
Species : Lepomis macrochirus (Bluegill)
Evaluation parameter : Acute (short-term) fish toxicity
Effective dose : = 300 mg/l
Exposure time : 96 h
Parameter : LC50 (SODIUM METASILICATE, PENTAHYDRATE ; CAS No. : 10213-79-3)
Species : Fish
Effective dose : 2320 mg/l
Exposure time : 96 h
Parameter : LC50 (SODIUM PERCARBONATE ; CAS No. : 15630-89-4)
Species : Fish
Evaluation parameter : Acute (short-term) fish toxicity
Effective dose : = 70,7 mg/l
Exposure time : 96 h

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Parameter : LC50 (SILICIC ACID, SODIUM SALT ; CAS No. : 1344-09-8)
Species : Fish
Effective dose : = 3185 mg/l
Exposure time : 96 h

Acute (short-term) daphnia toxicity

Parameter : EC50 (SODIUM CARBONATE ; CAS No. : 497-19-8)
Species : Daphnia
Evaluation parameter : Acute (short-term) daphnia toxicity
Effective dose : 200 - 227 mg/l
Exposure time : 48 h

Parameter : EC50 (SODIUM METASILICATE, PENTAHYDRATE ; CAS No. : 10213-79-3)
Species : Daphnia
Effective dose : 1700 mg/l
Exposure time : 48 h

Parameter : EC50 (SODIUM PERCARBONATE ; CAS No. : 15630-89-4)
Species : Daphnia
Evaluation parameter : Acute (short-term) daphnia toxicity
Effective dose : = 4,9 mg/l
Exposure time : 48 h

Parameter : EC50 (SILICIC ACID, SODIUM SALT ; CAS No. : 1344-09-8)
Species : Daphnia
Effective dose : = 1700 mg/l
Exposure time : 48 h

Chronic (long-term) daphnia toxicity

Parameter : NOEC (SODIUM PERCARBONATE ; CAS No. : 15630-89-4)
Species : Daphnia pulex (water flea)
Evaluation parameter : Chronic (long-term) daphnia toxicity
Effective dose : = 2 mg/l
Exposure time : 48 h

Acute (short-term) algae toxicity

Parameter : EC50 (SODIUM PERCARBONATE ; CAS No. : 15630-89-4)
Species : Algae
Evaluation parameter : Acute (short-term) algae toxicity
Effective dose : = 8 mg/l
Exposure time : 140 h

Parameter : EC50 (SODIUM METASILICATE, PENTAHYDRATE ; CAS No. : 10213-79-3)
Species : Algae
Effective dose : = 207 mg/l
Exposure time : 72 h

Parameter : EC50 (SODIUM METASILICATE, PENTAHYDRATE ; CAS No. : 10213-79-3)
Species : Daphnia
Effective dose : 1700 mg/l
Exposure time : 48 h

Parameter : EC50 (SODIUM METASILICATE, PENTAHYDRATE ; CAS No. : 10213-79-3)
Species : Algae
Effective dose : = 207 mg/l
Exposure time : 72 h

Parameter : EC50 (SILICIC ACID, SODIUM SALT ; CAS No. : 1344-09-8)
Species : Algae
Effective dose : > 345,4 mg/l
Exposure time : 72 h

Parameter : EC50 (SILICIC ACID, SODIUM SALT ; CAS No. : 1344-09-8)
Species : Daphnia
Effective dose : = 1700 mg/l
Exposure time : 48 h

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Parameter : EC50 (SILICIC ACID, SODIUM SALT ; CAS No. : 1344-09-8)
Species : Algae
Effective dose : > 345,4 mg/l
Exposure time : 72 h

12.2 Persistence and degradability

No information available.

12.3 Bioaccumulative potential

No information available.

12.4 Mobility in soil

No information available.

12.5 Results of PBT and vPvB assessment

This substance does not meet the PBT/vPvB criteria of REACH, annex XIII.

12.6 Other adverse effects

No information available.

12.7 Additional ecotoxicological information

None

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Product/Packaging disposal

Waste treatment options

Appropriate disposal / Product

Dispose according to legislation. Evidence for disposal must be provided.

SECTION 14: Transport information

14.1 UN number

No information available.

14.2 UN proper shipping name

No information available.

14.3 Transport hazard class(es)

No information available.

14.4 Packing group

No information available.

14.5 Environmental hazards

No information available.

14.6 Special precautions for user

None

SECTION 15: Regulatory information

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

EU legislation

Directive 67/548/EEC.

Directive 1999/45/EG.

Regulation (EC) No 1907/2006 (REACH).

Regulation (EC) No 1272/2008 (CLP).

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Directive 2012/18/UE (Seveso)

National regulations

Water hazard class (WGK)

Class : 1 (Slightly hazardous to water) Classification according to VwVwS

Other regulations, restrictions and prohibition regulations

Betriebsicherheitsverordnung (BetrSichV)

No flammable liquid according to BetrSichV.

Substances of very high concern (SVHC) under REACH Art.57: None

Substances subject to authorization under Annex XIV of Regulation (EC) 1907/2006: None

Restrictions relating to the product or contained substances pursuant to Annex XVII to Regulation (EC) 1907/2006: None

Seveso category: None

Healthcare controls.

Workers exposed to this chemical agent to health must undergo health checks according to the provisions of Article. 41 of Legislative Decree no. 81 dated 9 April 2008 unless the risk to the safety and health of the worker has been assessed irrelevant, according to art. 224 paragraph 2.

15.2 Chemical Safety Assessment

No information available.

SECTION 16: Other information

The user is responsible for the observance of all required statutory provisions.

16.1 Indication of changes

01. Identification of the substance/mixture and of the company/undertaking · 02. Hazards identification · 03. Composition/ information on ingredients · 04. First aid measures · 05. Firefighting measures · 06. Accidental release measures · 07. Handling and storage · 08. Exposure controls/personal protection · 09. Physical and chemical properties · 10. Stability and reactivity · 11. Toxicological information · 12. Ecological information · 13. Disposal considerations · 15. Regulatory information · 16. Other information

16.2 Abbreviations and acronyms

LEGENDA:

ADR:	Accord européen relative au transport international des marchandises dangereuses par route
ASTM:	ASTM International, (formerly American Society for Testing and Materials (ASTM))
EINECS:	European Inventory of Existing Commercial Chemical Substances
EC50:	Effective Concentration 50
LC50:	Lethal Concentration 50
IC50:	Inhibitor Concentration 50
NOEL:	No Observed Effect Level
DNEL:	Derived No Effect Level
DMEL:	Derived Minimum Effect Level
CLP:	Classification, Labelling and Packaging
CSR:	Chemical Safety Report
LD50:	Lethal Dose 50
IATA:	International Air Transport Association
ICAO:	International Civil Aviation Organization
Codice IMDG:	International Maritime Dangerous Goods code
PBT:	Persistent, bioaccumulative and toxic
RID:	Règlement concernant le transport International ferroviaire des marchandises Dangereuses
STEL:	Short term exposure limit
TLV:	Threshold limit value
TWA:	Time Weighted Average

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH)



Trade name : PANDA LAVATRICE B/2
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UE: European Union
vPvB: Very persistent very bioaccumulative
N.D.: No data available.
N.A.: Not applicable
VwVwS.: Text of Administrative Regulation on the Classification of Substances hazardous to waters into Water Hazard Classes (Verwaltungsvorschrift wassergefährdende Stoffe – VwVwS)

16.3 Key literature references and sources for data

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.
ACGIH - Treshold Limit Values - 1999 Edition.
<http://echa.europa.eu>

16.4 Classification for mixtures and used evaluation method according to regulation (EC) 1272/2008 [CLP]

Classification procedure: Calculation Method
Eye Dam. 1 ; H318 - Serious eye damage/eye irritation : Category 1 ; Causes serious eye damage.
Skin Corr. 1B ; H314 - Skin corrosion/irritation : Category 1B ; Causes severe skin burns and eye damage.
STOT SE 3 ; H335 - Specific Target Organ Toxicity after single exposure : Category 3 ; May cause respiratory irritation

16.5 Relevant H- and EUH-phrases (Number and full text)

H272 May intensify fire; oxidiser.
H302 Harmful if swallowed.
H314 Causes severe skin burns and eye damage.
H315 Causes skin irritation.
H318 Causes serious eye damage.
H319 Causes serious eye irritation.
H335 May cause respiratory irritation.

16.6 Training advice

None

16.7 Additional information

None

The above information describes exclusively the safety requirements of the product and is based on our present-day knowledge. The information is intended to give you advice about the safe handling of the product named in this safety data sheet, for storage, processing, transport and disposal. The information cannot be transferred to other products. In the case of mixing the product with other products or in the case of processing, the information on this safety data sheet is not necessarily valid for the new made-up material.

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