

Safety Data Sheet

According to Regulation (EC) No 1907/2006
amended by Regulation (EU) 2020/878



Trade name : 1DEL360-0146 WASHING MACHINE POWDER JD-4 Sacco kg 15
Revision date : 15/11/2023 **Version (Revision) :** 2.1

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

1.1 Product identifier

23055 WASHING MACHINE POWDER JD-4 kg 15

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

Relevant identified uses

Detergent

Uses advised against

No information available.

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 ITALIA

Telephone : +39 035661363

Telefax : +39 035665864

Information contact : laboratorio@domuschemicals.it

1.4 Emergency telephone number

poison control center: +47 22 59 13 00

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.

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

SODIUM PERCARBONATE ; CAS No. : 15630-89-4

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ALCOHOLS, C11-13-BRANCHED, ETHOXYLATED (> 2.5 MOLES EO) ; CAS No. : 68439-54-3

Hazard statements

H314 Causes severe skin burns and eye damage.

Precautionary statements

P260 Do not breathe dust/fume/gas/mist/vapours/spray.
P264 Wash ... thoroughly after handling.
P280 Wear protective gloves/protective clothing/eye protection/face protection.
P310 Immediately call a POISON CENTER/doctor/....
P321 Specific treatment (see ... on this label).
P405 Store locked up.

2.3 Other hazards

None

SECTION 3: Composition/information on ingredients

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 : $\geq 30 - < 35$ %
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 : $\geq 15 - < 20$ %
Classification 1272/2008 [CLP] : Met. Corr. 1 ; H290 Skin Corr. 1B ; H314 Eye Dam. 1 ; H318 STOT SE 3 ; H335

SODIUM PERCARBONATE ; REACH registration No. : 01-2119457268-30-XXXX ; 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 : $\geq 1 - < 5$ %
Classification 1272/2008 [CLP] : Skin Irrit. 2 ; H315 Eye Irrit. 2 ; H319

ALCOHOLS, C11-13-BRANCHED, ETHOXYLATED (> 2.5 MOLES EO) ; CAS No. : 68439-54-3

Weight fraction : $\geq 1 - < 3$ %
Classification 1272/2008 [CLP] : Eye Dam. 1 ; H318 Acute Tox. 4 ; H302

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

In case of inhalation Remove the victim from the danger zone in a well ventilated area; when symptoms of illness occur, request medical assistance.

In case of skin contact

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

After eye contact

Wash immediately with plenty of water, keep the eyes open for 10/15 minutes.Call a medician.

After ingestion

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Do NOT induce vomiting. Never give nothing by mouth if the victim is not conscious. Call a doctor

4.2 Most important symptoms and effects, both acute and delayed

Effects

Causes burns in case of skin contact Irritating to respiratory system.

4.3 Indication of any immediate medical attention and special treatment needed

None

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media

CO2, Foam, Chemical powders, according to the materials involved in the fire.

Unsuitable extinguishing media

No information available.

5.2 Special hazards arising from the substance or mixture

None

5.3 Advice for firefighters

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

5.4 Additional information

Remove persons to safety.

SECTION 6: Accidental release measures

Directive 98/24/EC of 7 April 1998 on the protection of the health and safety of workers from the risks related to chemical agents at work

6.1 Personal precautions, protective equipment and emergency procedures

Take the precautions customary when handling chemicals.

For non-emergency personnel

For non-emergency personnel leaving the involved area and join a safe place

For emergency responders

No information available.

6.2 Environmental precautions

Do not allow to enter into surface water or drains.

6.3 Methods and material for containment and cleaning up

leaving the involved area and join a safe place

For containment

Collect in suitable and closed 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

Information on exposure control / personal protection and considerations on disposal are listed in Sections 8 and 13.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Wear suitable protective equipment (see Section 8).

Protective measures

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Measures to prevent aerosol and dust generation

No information available.

Environmental precautions

No information available.

Specific requirements or handling rules

It is forbidden to eat, drink and smoke in areas where the material is manipulated, stored or treated. Avoid contact and inhalation of dust. See next paragraph 8 If during normal use the material presents a risk for breathing, only use it with adequate ventilation or Use a suitable respirator.

Advices on general occupational hygiene

Handle in accordance with good industrial hygiene rules.

7.2 Conditions for safe storage, including any incompatibilities

Only use containers specifically approved for the substance/product. Open containers should be carefully resealed and kept straight to avoid accidental spillage of the product. Keep the containers away from any incompatible materials, checking the sec. 10. Do not store the containers without label.

Technical measures and storage conditions

No information available.

Requirements for storage rooms and vessels

No information available.

Hints on joint storage

Storage class : 8B

Storage class (TRGS 510) : 8B

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

Workplaces must be adequately ventilated. Where necessary, install localized and effective sources of aspiration general air renewal systems. If these measures are not sufficient to maintain the concentrations of particulate materials e of solvent vapors below the exposure limit, it will be necessary to use suitable means to protect the pathways respiratory. Refer to the exhibition scenarios, if present.

8.2 Exposure controls

Personal protection equipment

Work in well-ventilated zones or use proper respiratory protection. When handling with chemical substances, protective clothing with CE-labels including the four control digits must be worn.

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 (maximum wearing time) : The manufacturer of the gloves breakthrough time of the material and respect this indication.

Body protection

taken in the selection of protective clothing to prevent the inflammation and irritation of the skin of the neck and

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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

Use a mask with P2 filter.

Thermal hazards

No information available.

Environmental exposure controls

No information available.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Safety relevant basis data

Aspect		Polvere bianca con granelli blu
Odour :		Characteristic
Melting point/melting range :		No data available
Freezing point :		not determined
Initial boiling point and boiling range :		not determined
Initial boiling point and boiling range :	(1013 hPa)	No data available
Decomposition temperature :		not determined
Flash point :		No data available
Ignition temperature :		not determined
Oxidising Properties :		No data available
Lower explosion limit :		not determined
Upper explosion limit :		not determined
Vapour pressure :	(20 °C)	no data available
Density :	(20 °C)	No data available
RelativeDensity		No data available
Water solubility :	(20 °C)	not determined
log P O/W :		not determined
Viscosity :	(20 °C)	not determined
Viscosity :	(40 °C)	No data available
Odour threshold :		not determined
Relative vapour density :	(20 °C)	not determined
Vapourisation rate :		(Ether = 1)
Flammable solids :	Not determined.	
Flammable gases :	Not determined.	
Explosive properties :	Not determined.	
Corrosive to metals :	Not determined.	

9.2 Other information

None

SECTION 10: Stability and reactivity

10.1 Reactivity

May react violently with strong acids. Moisture-sensitive.

10.2 Chemical stability

The product is stable under storage at normal ambient temperatures.

10.3 Possibility of hazardous reactions

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Reacts with acids.

10.4 Conditions to avoid

Separate from acids and substances that form acids

10.5 Incompatible materials

Unknown incompatible materials

10.6 Hazardous decomposition products

No information available.

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 :	= 4090 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 :	= 1034 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
Parameter :	LD50 (ALCOHOLS, C11-13-BRANCHED, ETHOXYLATED (> 2.5 MOLES EO) ; CAS No. : 68439-54-3)
Exposure route :	Oral
Species :	Rat
Effective dose :	300 - 2000 mg/kg

Acute dermal toxicity

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

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Species : Mouse
Effective dose : 117 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

Parameter : LD50 (ALCOHOLS, C11-13-BRANCHED, ETHOXYLATED (> 2.5 MOLES EO) ; CAS No. : 68439-54-3)
Exposure route : Dermal
Species : Rabbit
Effective dose : > 2000 mg/kg

Acute inhalation toxicity

Parameter : LC50 (SODIUM CARBONATE ; CAS No. : 497-19-8)
Exposure route : Inhalation
Species : Rat
Effective dose : = 2,3 mg/l
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 : LC50 (SODIUM PERCARBONATE ; CAS No. : 15630-89-4)
Exposure route : Inhalation
Effective dose : 1200 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

No information available.

Irritation to eyes

Parameter : Irritation to eyes (SODIUM CARBONATE ; CAS No. : 497-19-8)
Species : Rabbit

Sensitisation

No information available.

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CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)

Carcinogenicity

No information available.

Germ cell mutagenicity

Human toxicological data

This mixture does not contain any substances which either present a health or environmental hazard according to directive 67/548/EEC or have an occupational exposure limit assigned.

Reproductive toxicity

No information available.

STOT-single exposure

No information available.

STOT-repeated exposure

No information available.

Aspiration hazard

No information available.

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 mg/l
Exposure time : 96 h

Parameter : LC50 (SILICIC ACID, SODIUM SALT ; CAS No. : 1344-09-8)
Species : Fish
Effective dose : = 1108 mg/l
Exposure time : 96 h

Parameter : LC50 (ALCOHOLS, C11-13-BRANCHED, ETHOXYLATED (> 2.5 MOLES EO) ; CAS No. : 68439-54-3)
Species : Fish
Effective dose : 1 - 10 mg/l
Exposure time : 96 h

Acute (short-term) daphnia toxicity

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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

Parameter : EC50 (ALCOHOLS, C11-13-BRANCHED, ETHOXYLATED (> 2.5 MOLES EO) ; CAS No. : 68439-54-3)
Species : Daphnia
Effective dose : 1 - 10 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 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 (SODIUM PERCARBONATE ; CAS No. : 15630-89-4)
Species : Algae
Evaluation parameter : Acute (short-term) algae toxicity

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Effective dose : = 8 mg/l
Exposure time : 140 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

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 (ALCOHOLS, C11-13-BRANCHED, ETHOXYLATED (> 2.5 MOLES EO) ; CAS No. : 68439-54-3)
Species : Algae
Effective dose : 1 - 10 mg/l
Exposure time : 72 h

Parameter : EC50 (ALCOHOLS, C11-13-BRANCHED, ETHOXYLATED (> 2.5 MOLES EO) ; CAS No. : 68439-54-3)
Species : Daphnia
Effective dose : 1 - 10 mg/l
Exposure time : 48 h

Parameter : EC50 (ALCOHOLS, C11-13-BRANCHED, ETHOXYLATED (> 2.5 MOLES EO) ; CAS No. : 68439-54-3)
Species : Algae
Effective dose : 1 - 10 mg/l
Exposure time : 72 h

Bacteria toxicity

Parameter : Bacteria toxicity (ALCOHOLS, C11-13-BRANCHED, ETHOXYLATED (> 2.5 MOLES EO) ; CAS No. : 68439-54-3)
Effective dose : = 140 mg/l

12.2 Persistence and degradability

No information available.

12.3 Bioaccumulative potential

No information available.

12.4 Mobility in soil

Adsorption/Desorption

Parameter : Mobility in soil (ALCOHOLS, C11-13-BRANCHED, ETHOXYLATED (> 2.5 MOLES EO) ; CAS No. : 68439-54-3)
Inoculum : Mobility in soil
Effective dose : > 4200

12.5 Results of PBT and vPvB assessment

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The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.

12.6 Other adverse effects

No information available.

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.

Appropriate disposal / Package

No information available.

SECTION 14: Transport information

14.1 UN number

UN 3253

14.2 UN proper shipping name

Land transport (ADR/RID)

DISODIUM TRIOXOSILICATE (SODIUM METASILICATE, PENTAHYDRATE)

Sea transport (IMDG)

DISODIUM TRIOXOSILICATE (SODIUM METASILICATE, PENTAHYDRATE)

Air transport (ICAO-TI / IATA-DGR)

DISODIUM TRIOXOSILICATE (SODIUM METASILICATE, PENTAHYDRATE)

14.3 Transport hazard class(es)

Land transport (ADR/RID)

Class(es) : 8
Classification code : C6
Hazard identification number (Kemler No.) : 80
Tunnel restriction code : E
Special provisions : LQ 5 kg · E 1
Hazard label(s) : 8

Sea transport (IMDG)

Class(es) : 8
EmS-No. : F-A / S-B
Special provisions : LQ 5 kg · E 1
Hazard label(s) : 8

Air transport (ICAO-TI / IATA-DGR)

Class(es) : 8
Special provisions : E 1
Hazard label(s) : 8

14.4 Packing group

III

14.5 Environmental hazards

Land transport (ADR/RID) : No
Sea transport (IMDG) : No
Air transport (ICAO-TI / IATA-DGR) : No

14.6 Special precautions for user

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None

14.7 Transport in bulk according to Annex II of Marpol and the IBC Code

No information available.

SECTION 15: Regulatory information

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

EU legislation

Regulation (EC) No 1907/2006 (REACH).
Regulation (EC) No 1272/2008 (CLP).
Directive 2012/18/UE (Seveso)
Regulation (UE) n. 830/2015

National regulations

Legislative Decree no. 81/2008 (consolidated text on the protection of health and safety in the workplace), as amended , and Directive 2009 /161 / EU - Valutazione chemical risk in accordance with Title IX .

Water hazard class (WGK)

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

Percentage of carcinogenic substances WGK 3 : - 0 %

Percentage of carcinogenic substances WGK 2 : - 0 %

Percentage of carcinogenic substances : - 0 %

Percentage of substances WGK 3 : - 0 %

Percentage of substances WGK 3 with M-Factor : - 0 %

Percentage of substances WGK 3 (nwg) : + 0,00072 %

Percentage of substances WGK 2 : - 0 %

Percentage of substances WGK 2 with M-Factor : - 0 %

Percentage of substances WGK 1 : + 32,73779 %

Percentage of substances non-hazardous to water (nwg) : 67,12222 %

Percentage of substances unidentified : - 0 %

Percentage of substances unidentified (nwg) : - 0 %

Percentage of floating liquids : 0 %

Other regulations, restrictions and prohibition regulations

Substance listed in the Candidate List (SVHC) according to Article 59 of Regulation (EC) 1907/2006: No
Substances subject to authorization according to Annex XIV of Regulation (EC) 1907/2006: No
Restrictions relating to the product or contained substances pursuant to Annex XVII to Regulation (EC) 1907/2006: No
Seveso category: No

15.2 Chemical safety assessment

No information available.

SECTION 16: Other information

16.1 Indication of changes

02. Label elements · 02. Labelling according to Regulation (EC) No. 1272/2008 [CLP] · 02. Labelling according to Regulation (EC) No. 1272/2008 [CLP] - Hazard components for labelling · 02. Labelling (67/548/EEC or 1999/45/EC) - Hazard components for labelling · 03. Hazardous ingredients · 07. Hints on joint storage - Storage class · 08. Occupational exposure limit values · 08. DNEL/DMEL · 08. PNEC · 14. UN proper shipping name - Land transport (ADR/RID) · 14. UN proper shipping name - Sea transport (IMDG) · 14. UN proper shipping name - Air transport (ICAO-TI / IATA-DGR) · 14. Transport hazard class(es) - Land transport (ADR/RID) · 14. Transport hazard class(es) - Sea transport (IMDG) · 14. Transport hazard class(es) - Air transport (ICAO-TI / IATA-DGR) · 15. Water hazard class (WGK)

16.2 Abbreviations and acronyms

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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
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.
European chemicals agency: www.echa.europa.eu

16.4 Classification for mixtures and used evaluation method according to regulation (EC) No 1272/2008 [CLP]

No information available.

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

H272	May intensify fire; oxidiser.
H290	May be corrosive to metals.
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

Safety Data Sheet
According to Regulation (EC) No 1907/2006
amended by Regulation (EU) 2020/878



Trade name : 1DEL360-0146 WASHING MACHINE POWDER JD-4 Sacco kg 15

Revision date : 15/11/2023

Version (Revision) :

2.1

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