

OFFICE DEPOT DISHWASH TABLET SHRINK 6 X 50 TABLETS

Safety Data Sheet

according to Regulation (EC) No. 453/2010

Date of issue: 20/04/2015

Revision date:

Supersedes:

Version: 1.0

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

1.1. Product identifier

Product form : Mixture
 Product name : OFFICE DEPOT DISHWASH TABLET SHRINK 6x50 tablets
 Product code : 57940
 Type of product : Detergent
 Product group : Powder

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

1.2.1. Relevant identified uses

Intended for general public
 Main use category : Professional use
 Industrial/Professional use spec : For professional use only
 Function or use category : Cleaning/washing agents and additives

1.2.2. Uses advised against

No additional information available

1.3. Details of the supplier of the safety data sheet

Senzora BV
 Sluisstraat 23 - 25
 7411 AC Deventer - Nederland
 T +31 570 683333 - F +31 570 617126
info@senzora.nl - www.senzora.com

1.4. Emergency telephone number

Country	Official advisory body	Address	Emergency number
UNITED KINGDOM	Guy's & St Thomas' Poisons Unit Medical Toxicology Unit, Guy's & St Thomas' Hospital Trust	Avonley Road SE14 5ER London	0870 243 2241

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

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

Eye Irrit. 2 H319

Full text of H-phrases: see section 16

Classification according to Directive 67/548/EEC [DSD] or 1999/45/EC [DPD]

Xi; R41

Full text of R-phrases: see section 16

2.2. Label elements

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

Hazard pictograms (CLP) :



GHS07

CLP Signal word : Warning
 Hazard statements (CLP) : H319 - Causes serious eye irritation
 Precautionary statements (CLP) : P102 - Keep out of reach of children
 P264 - Wash hands thoroughly after handling
 P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing
 P337+P313 - If eye irritation persists: Get medical advice/attention
 P301+P312 - IF SWALLOWED: Call a doctor if you feel unwell
 P101 - If medical advice is needed, have product container or label at hand
 EUH phrases : EUH208 - Contains subtilisin(9014-01-1). May produce an allergic reaction

OFFICE DEPOT DISHWASH TABLET SHRINK 6 X 50 TABLETS

Safety Data Sheet

according to Regulation (EC) No. 453/2010

2.3. Other hazards

Adverse physicochemical, human health and environmental effects : There are no typical symptoms and effects known. The powder may cause eye irritation. Inhalation of finely ground product may cause sensitization. For frequent contact with undiluted product may cause redness of the skin occur.

Other hazards not contributing to the classification : Avoid spilling the product, as this might cause danger of slippage and falls.

This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII

This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII

SECTION 3: Composition/information on ingredients

3.1. Substance

Not applicable

3.2. Mixture

Name	Product identifier	%	Classification according to Directive 67/548/EEC	Classification according to Regulation (EC) No. 1272/2008 [CLP]
sodium carbonate	(CAS No) 497-19-8 (EC no) 207-838-8 (EC index no) 011-005-00-2 (REACH-no) 01-2119485498-19	15 - 30	Xi; R36	Eye Irrit. 2, H319
SODIUM CARBONATE PEROXIDE	(CAS No) 15630-89-4 (EC no) 239-707-6 (REACH-no) 01-2119457268-30	5 - 15	O; R8 Xn; R22 Xi; R41	Ox. Sol. 3, H272 Acute Tox. 4 (Oral), H302 Eye Dam. 1, H318
SODIUM SILICATE	(CAS No) 1344-09-8 (EC no) 215-687-4	< 5	Xi; R36/37/38	Skin Irrit. 2, H315 Eye Irrit. 2, H319 STOT SE 3, H335
Zinc Sulphate (Hydrous) (Mono-, Hexa- And Hepta Hydrate)	(CAS No) 7446-20-0 (EC no) 231-793-3 (EC index no) 030-006-00-9 (REACH-no) 01-2119474684-27	< 5	Xi; R41 Xn; R22 N; R50/53	Acute Tox. 4 (Oral), H302 Eye Dam. 1, H318 Aquatic Acute 1, H400 Aquatic Chronic 1, H410
subtilisin	(CAS No) 9014-01-1 (EC no) 232-752-2 (EC index no) 647-012-00-8 (REACH-no) 01-2119480434-38	< 5	Xn; R22 R42 Xi; R41 Xi; R37/38 N; R50	Acute Tox. 4 (Oral), H302 Skin Irrit. 2, H315 Eye Dam. 1, H318 Resp. Sens. 1, H334 STOT SE 3, H335 Aquatic Acute 1, H400

Specific concentration limits:

Name	Product identifier	Specific concentration limits: DSD/DPD	Specific concentration limits: CLP
SODIUM CARBONATE PEROXIDE	(CAS No) 15630-89-4 (EC no) 239-707-6 (REACH-no) 01-2119457268-30		(10 =< C < 25) Eye Irrit. 2, H319 (C >= 25) Eye Dam. 1, H318 (C >= 25) Acute Tox. 4 (Oral), H302

Full text of R- and H-phrases: see section 16

SECTION 4: First aid measures

4.1. Description of first aid measures

First-aid measures general : Does not require any particular or specific measures. Handle in accordance with the usual hygiene rules.

First-aid measures after inhalation : Move to fresh air. Obtain medical attention if necessary.

First-aid measures after skin contact : Rinse skin with plenty of water or shower. If skin irritation persists, take medical advice.

First-aid measures after eye contact : Irrigate copiously with clean, fresh water for at least 15 minutes, holding the eyelids apart. If irritation persists, consult a doctor.

First-aid measures after ingestion : Drink plenty of water. Do not induce vomiting. Call a doctor.

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

Symptoms/injuries : Not expected to present a significant hazard under anticipated conditions of normal use.

Symptoms/injuries after inhalation : May cause respiratory irritation.

Symptoms/injuries after skin contact : Contact during a long period may cause slight irritation.

Symptoms/injuries after eye contact : Irritating to eyes.

Symptoms/injuries after ingestion : Ingestion may cause nausea, vomiting and diarrhea.

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

No supplementary information available.

OFFICE DEPOT DISHWASH TABLET SHRINK 6 X 50 TABLETS

Safety Data Sheet

according to Regulation (EC) No. 453/2010

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media : Foam, powder, carbon dioxide (CO₂), water spray.
Unsuitable extinguishing media : None.

5.2. Special hazards arising from the substance or mixture

Fire hazard : Non combustible.
Explosion hazard : No dangerous reactions known.

5.3. Advice for firefighters

Precautionary measures fire : Wear suitable respiratory equipment in case of insufficient ventilation.
Firefighting instructions : No special precautions required.
Protection during firefighting : Do not enter fire area without proper protective equipment, including respiratory protection.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1. For non-emergency personnel

Protective equipment : No special required clothing.
Emergency procedures : Clean spills promptly.

6.1.2. For emergency responders

Protective equipment : No special required clothing.
Emergency procedures : Ventilate area.

6.2. Environmental precautions

Not in groundwater, surfacewater or sewerage.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up : Collect spillage. Sweep up or shovel.

6.4. Reference to other sections

Concerning personal protective equipment to use, see section 8.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling : No specific measures are necessary.
Hygiene measures : Wash hands thoroughly after handling.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions : Protect from moisture. Keep out of reach of children.
Storage area : Store tightly closed in a dry and cool place.

7.3. Specific end use(s)

Dish wash detergent.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

No additional information available

OFFICE DEPOT DISHWASH TABLET SHRINK 6 X 50 TABLETS

Safety Data Sheet

according to Regulation (EC) No. 453/2010

8.2. Exposure controls

Materials for protective clothing	: No special required clothing
Hand protection	: In case of repeated or prolonged contact wear gloves. Hand protection: The glove material has to be impermeable and resistant to the product/the substance/the preparation. When choosing the glove material, take account of the permeation times, the degree of permeability and the breakdown rate. Glove material: Choosing a suitable glove is not just about the material, other quality features also come into play and these differ from manufacturer to manufacturer. Given the product is composed from several substances, the durability of the glove material cannot be calculated in advance and therefore it has to be tested before use. Always seek advice from the manufacturer of the gloves. Hygiene: Contaminated gloves should be replaced. Personal hygiene is an essential condition to ensure proper care of the hands. Gloves should only be worn when hands are clean. Hands should be thoroughly washed and dried after having worn gloves. Permeation time of the glove material: The manufacturer of the glove can inform you of the exact permeation time; take account of this. According to DIN EN 374, when there is hand contact with the product and that contact was for a period of 15 minutes, then the gloves of the following material offer sufficient protection. <ul style="list-style-type: none">• Butyl rubber (thickness > 0.5 mm)• Nitril rubber (thickness > 0.35 mm)• Polychloroprene rubber (thickness > 0.4 mm)• Natural rubber (thickness > 0.5 mm) For continuous contact, we recommend gloves with a breakthrough time of at least 240 minutes, where preference lies with a breakthrough time of more than 480 minutes. Protection against splashes: The same gloves used for long term contact should be worn for short term contact or protection against splashes. A shorter breakthrough time can be acceptable when it is just used for a timely replacement.
Eye protection	: In case of repeated or prolonged contact use safety glasses
Skin and body protection	: not necessary
Respiratory protection	: not necessary

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	: Solid
Appearance	: Powder.
Colour	: White. With speckles. Red. Green. Blue.
Odour	: perfumed.
Odour threshold	: No data available
pH	: No data available
pH solution	: 10.2 - 10.6 (1g/100ml)
Relative evaporation rate (butylacetate=1)	: No data available
Melting point	: No data available
Freezing point	: No data available
Boiling point	: No data available
Flash point	: Not flammable
Auto-ignition temperature	: No data available
Decomposition temperature	: No decomposition
Flammability (solid, gas)	: Non flammable
Vapour pressure	: No data available
Relative vapour density at 20 °C	: No data available
Relative density	: No data available
Density	: 920 - 1120 g/l
Solubility	: Water: complete
Log Pow	: No data available
Viscosity, kinematic	: No data available
Viscosity, dynamic	: No data available
Explosive properties	: No data available
Oxidising properties	: Contains oxidizing components. Not oxidizing. Regulation EC 440/2008 / A.17 Oxidizing properties (solids).
Explosive limits	: No data available

OFFICE DEPOT DISHWASH TABLET SHRINK 6 X 50 TABLETS

Safety Data Sheet

according to Regulation (EC) No. 453/2010

9.2. Other information

No additional information available

SECTION 10: Stability and reactivity

10.1. Reactivity

No dangerous reactions known.

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

None.

10.4. Conditions to avoid

Do not mix with other products.

10.5. Incompatible materials

No additional information available

10.6. Hazardous decomposition products

None.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity : Not classified
Based on available data, the classification criteria are not met

sodium carbonate (497-19-8)	
LD50 oral rat	2800 mg/kg
LD50 dermal rabbit	≥ 2000 mg/kg
LC50 inhalation rat (mg/l)	2.3 mg/l/4h

SODIUM CARBONATE PEROXIDE (15630-89-4)	
LD50 oral rat	1034 mg/kg
LD50 dermal rabbit	≥ 2000 mg/kg

SODIUM SILICATE (1344-09-8)	
LD50 oral rat	≥ 2000

Zinc Sulphate (Hydrous) (Mono-, Hexa- And Hepta Hydrate) (7446-20-0)	
LD50 oral rat	920 - 4725 mg/kg
LD50 dermal rat	> 2000

subtilisin (9014-01-1)	
LD50 oral rat	1800 mg/kg

Skin corrosion/irritation : Not classified
Serious eye damage/irritation : Causes serious eye irritation.
Respiratory or skin sensitisation : Not classified
Germ cell mutagenicity : Not classified
Carcinogenicity : Not classified
Reproductive toxicity : Not classified
Specific target organ toxicity (single exposure) : Not classified
Specific target organ toxicity (repeated exposure) : Not classified
Aspiration hazard : Not classified
Other information : Likely routes of exposure: ingestion, inhalation, skin and eye.

SECTION 12: Ecological information

12.1. Toxicity

Ecology - general : No known adverse effects on the functioning of water treatment plants under normal use conditions as recommended.

OFFICE DEPOT DISHWASH TABLET SHRINK 6 X 50 TABLETS

Safety Data Sheet

according to Regulation (EC) No. 453/2010

Ecology - water : The surfactants in this product comply with the biodegradability criteria as laid down in Regulation (EC) no.648/2004 on detergents. Data to support this assertion are held at the disposal of the competent authorities of the Member States and will be made available to them at their direct request or at the request of a detergent manufacturer.

sodium carbonate (497-19-8)	
LC50 fish 1	(96h) 300 mg/l <i>Lepomis macrochirus</i>
EC50 Daphnia 1	(48h) 227 mg/l <i>Ceriodaphnia dubia</i>
SODIUM CARBONATE PEROXIDE (15630-89-4)	
LC50 fish 1	(96h) 70.7 mg/l <i>Pimephales promelas</i>
EC50 Daphnia 1	(48h) 4.9 mg/l <i>Daphnia pulex</i>
NOEC chronic fish	(96h) 7.4 mg/l <i>Primaphales promelas</i>
NOEC chronic crustacea	(48h) 2 mg/l <i>Daphnia pulex</i>
SODIUM SILICATE (1344-09-8)	
LC50 fish 1	(96) 3185 mg/l <i>Brachydanio rerio</i>
EC50 Daphnia 1	(48h) 4857 mg/l <i>Daphnia magna</i>
Zinc Sulphate (Hydrous) (Mono-, Hexa- And Hepta Hydrate) (7446-20-0)	
EC50 Daphnia 1	1.82 mg/l <i>Ceriodaphnia Dubia</i>
ErC50 (algae)	0.6 mg/l <i>Selenastrum capricornutum</i>
subtilisin (9014-01-1)	
LC50 fish 1	8.2 mg/l
EC50 Daphnia 1	586 µg/l
ErC50 (algae)	0.83 mg/l

12.2. Persistence and degradability

OFFICE DEPOT DISHWASH TABLET SHRINK 6X50TABS	
Persistence and degradability	Not established.

12.3. Bioaccumulative potential

OFFICE DEPOT DISHWASH TABLET SHRINK 6X50TABS	
Bioaccumulative potential	Not established.

subtilisin (9014-01-1)	
Log Pow	≥ 0

12.4. Mobility in soil

No additional information available

12.5. Results of PBT and vPvB assessment

OFFICE DEPOT DISHWASH TABLET SHRINK 6X50TABS	
This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII	
This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII	

12.6. Other adverse effects

Additional information : No other effects known. Avoid release to the environment

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Regional legislation (waste) : Disposal must be done according to official regulations.
Waste disposal recommendations : Dispose of contents/container to local regulations.
Ecology - waste materials : Avoid release to the environment.

SECTION 14: Transport information

In accordance with ADR / RID / IMDG / IATA / ADN

14.1. UN number

Not regulated for transport

14.2. UN proper shipping name

Proper Shipping Name (ADR) : Not applicable
Proper Shipping Name (IMDG) : Not applicable
Proper Shipping Name (IATA) : Not applicable
Proper Shipping Name (ADN) : Not applicable

OFFICE DEPOT DISHWASH TABLET SHRINK 6 X 50 TABLETS

Safety Data Sheet

according to Regulation (EC) No. 453/2010

Proper Shipping Name (RID) : Not applicable

14.3. Transport hazard class(es)

ADR

Transport hazard class(es) (ADR) : Not applicable

IMDG

Transport hazard class(es) (IMDG) : Not applicable

IATA

Transport hazard class(es) (IATA) : Not applicable

ADN

Transport hazard class(es) (ADN) : Not applicable

RID

Transport hazard class(es) (RID) : Not applicable

14.4. Packing group

Packing group (ADR) : Not applicable

Packing group (IMDG) : Not applicable

Packing group (IATA) : Not applicable

Packing group (ADN) : Not applicable

Packing group (RID) : Not applicable

14.5. Environmental hazards

Dangerous for the environment : No

Marine pollutant : No

Other information : No supplementary information available

14.6. Special precautions for user

- Overland transport

No data available

- Transport by sea

No data available

- Air transport

No data available

- Inland waterway transport

Not subject to ADN : No

- Rail transport

Carriage prohibited (RID) : No

14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable

SECTION 15: Regulatory information

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

15.1.1. EU-Regulations

Contains no substances with Annex XVII restrictions

Contains no substance on the REACH candidate list

Contains no REACH Annex XIV substances

Detergent Regulation : Labelling of contents:

Component	%
-----------	---

OFFICE DEPOT DISHWASH TABLET SHRINK 6 X 50 TABLETS

Safety Data Sheet

according to Regulation (EC) No. 453/2010

Phosphates	>=30%
Oxygen-based bleaching agents	5-15%
Non-ionic surfactants, Phosphonates, Polycarboxylates	<5%
Enzymes (protease, amylase), Perfumes	

15.1.2. National regulations

No additional information available

15.2. Chemical safety assessment

No additional information available

SECTION 16: Other information

Training advice : Normal use of this product shall imply use in accordance with the instructions on the packaging.

Full text of R-, H- and EUH-phrases:

Acute Tox. 4 (Oral)	Acute toxicity (oral), Category 4
Aquatic Acute 1	Hazardous to the aquatic environment — Acute Hazard, Category 1
Aquatic Chronic 1	Hazardous to the aquatic environment — Chronic Hazard, Category 1
Eye Dam. 1	Serious eye damage/eye irritation, Category 1
Eye Irrit. 2	Serious eye damage/eye irritation, Category 2
Ox. Sol. 3	Oxidising Solids, Category 3
Resp. Sens. 1	Sensitisation — Respiratory, category 1
Skin Irrit. 2	Skin corrosion/irritation, Category 2
STOT SE 3	Specific target organ toxicity — Single exposure, Category 3, Respiratory tract irritation
H272	May intensify fire; oxidiser
H302	Harmful if swallowed
H315	Causes skin irritation
H318	Causes serious eye damage
H319	Causes serious eye irritation
H334	May cause allergy or asthma symptoms or breathing difficulties if inhaled
H335	May cause respiratory irritation
H400	Very toxic to aquatic life
H410	Very toxic to aquatic life with long lasting effects
EUH208	Contains . May produce an allergic reaction
R22	Harmful if swallowed
R36	Irritating to eyes
R36/37/38	Irritating to eyes, respiratory system and skin
R37/38	Irritating to respiratory system and skin
R41	Risk of serious damage to eyes
R42	May cause sensitization by inhalation
R50	Very toxic to aquatic organisms
R50/53	Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment
R8	Contact with combustible material may cause fire
N	Dangerous for the environment
O	Oxidising
Xi	Irritant
Xn	Harmful

SDS EU (REACH Annex II)

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product