

Safety Data Sheet

according to Regulation (EC) No 1907/2006

Eco Stain Remover Powder Whites

Revision date: 24.01.2023

Product code: PP047

Page 1 of 9

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

1.1. Product identifier

Eco Stain Remover Powder Whites

UFI: C0W3-H83X-200R-560X

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

Use of the substance/mixture

Detergency boosters and in-wash stain removers

1.3. Details of the supplier of the safety data sheet

Company name: PLANET PURE Produktions und Handels GmbH
Street: Lochauer Straße 2
Place: A-6912 Hörbranz
Telephone: +43 5573 84236 Telefax: +43 5573 84653
e-mail: office@planetpure.com
Contact person: Geschäftsführer
e-mail: entwicklung@planetpure.com
Internet: www.planetpure.com
Responsible Department: Geschäftsführung

1.4. Emergency telephone number:

Vergiftungsinformationszentrale Wien: +43 1 406 43 43

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Regulation (EC) No 1272/2008

Ox. Sol. 2; H272

Eye Dam. 1; H318

Full text of hazard statements: see SECTION 16.

2.2. Label elements

Regulation (EC) No 1272/2008

Hazard components for labelling

Natriumperoxocarbonat

Signal word: Danger

Pictograms:



Hazard statements

H272 May intensify fire; oxidiser.

H318 Causes serious eye damage.

Precautionary statements

P370+P378 In case of fire: Use water to extinguish.
P101 If medical advice is needed, have product container or label at hand.
P102 Keep out of reach of children.
P103 Read carefully and follow all instructions.
P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P220 Keep away from clothing and other combustible materials.
P280 Wear protective gloves.

Safety Data Sheet

according to Regulation (EC) No 1907/2006

Eco Stain Remover Powder Whites

Revision date: 24.01.2023

Product code: PP047

Page 2 of 9

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.

P501 Dispose of contents/container to an appropriate recycling or disposal facility.

2.3. Other hazards

No information available.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Hazardous components

CAS No	Chemical name			Quantity
	EC No	Index No	REACH No	
	Classification (Regulation (EC) No 1272/2008)			
497-19-8	sodium carbonate			50 - < 55 %
	207-838-8	011-005-00-2		
	Eye Irrit. 2; H319			
15630-89-4	Natriumperoxocarbonat			40 - < 45 %
	239-707-6		01-2119457268-30	
	Ox. Sol. 2, Acute Tox. 4, Eye Dam. 1; H272 H302 H318			

Full text of H and EUH statements: see section 16.

Specific Conc. Limits, M-factors and ATE

CAS No	EC No	Chemical name	Quantity
		Specific Conc. Limits, M-factors and ATE	
497-19-8	207-838-8	sodium carbonate	50 - < 55 %
		oral: LD50 = 4090 mg/kg	
15630-89-4	239-707-6	Natriumperoxocarbonat	40 - < 45 %
		inhalation: LC50 = 1,2 mg/l (dusts or mists); dermal: LD50 = > 2000 mg/kg; oral: LD50 = 1034 mg/kg	

Labelling for contents according to Regulation (EC) No 648/2004

>= 30 % oxygen-based bleaching agents.

SECTION 4: First aid measures

4.1. Description of first aid measures

After inhalation

Provide fresh air.

After contact with skin

Wash with plenty of water. Take off contaminated clothing and wash it before reuse.

After contact with eyes

In case of contact with eyes flush immediately with plenty of flowing water for 10 to 15 minutes holding eyelids apart and consult an ophthalmologist.

After ingestion

Rinse mouth immediately and drink plenty of water.

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

Treat symptomatically.

Safety Data Sheet

according to Regulation (EC) No 1907/2006

Eco Stain Remover Powder Whites

Revision date: 24.01.2023

Product code: PP047

Page 3 of 9

SECTION 5: Firefighting measures**5.1. Extinguishing media****Suitable extinguishing media**

Co-ordinate fire-fighting measures to the fire surroundings.

5.2. Special hazards arising from the substance or mixture

Non-flammable.

5.3. Advice for firefighters

In case of fire: Wear self-contained breathing apparatus.

Additional information

Suppress gases/vapours/mists with water spray jet. Collect contaminated fire extinguishing water separately.

Do not allow entering drains or surface water.

SECTION 6: Accidental release measures**6.1. Personal precautions, protective equipment and emergency procedures****General advice**

Remove all sources of ignition. Provide adequate ventilation. Avoid dust formation. Do not breathe dust. Avoid contact with skin, eyes and clothes. Use personal protection equipment.

6.2. Environmental precautions

Do not allow to enter into surface water or drains.

6.3. Methods and material for containment and cleaning up**Other information**

Take up mechanically. Treat the recovered material as prescribed in the section on waste disposal.

6.4. Reference to other sections

Safe handling: see section 7

Personal protection equipment: see section 8

Disposal: see section 13

SECTION 7: Handling and storage**7.1. Precautions for safe handling****Advice on safe handling**

If handled uncovered, arrangements with local exhaust ventilation have to be used. Avoid dust formation. Do not breathe dust.

Advice on protection against fire and explosion

Keep away from sources of ignition - No smoking.

Advice on general occupational hygiene

Remove contaminated, saturated clothing immediately. Draw up and observe skin protection programme.

Wash hands and face before breaks and after work and take a shower if necessary. When using do not eat or drink.

7.2. Conditions for safe storage, including any incompatibilities**Requirements for storage rooms and vessels**

Keep container tightly closed. Keep locked up. Store in a place accessible by authorized persons only. Provide adequate ventilation as well as local exhaust at critical locations. Keep in a cool place. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

Hints on joint storage

Keep away from combustible material.

SECTION 8: Exposure controls/personal protection

Safety Data Sheet

according to Regulation (EC) No 1907/2006

Eco Stain Remover Powder Whites

Revision date: 24.01.2023

Product code: PP047

Page 4 of 9

8.1. Control parameters

DNEL/DMEL values

CAS No	Name of agent		
DNEL type	Exposure route	Effect	Value
15630-89-4	Natriumperoxocarbonat		
Worker DNEL, acute	dermal	local	12,8 mg/cm ²
Consumer DNEL, acute	dermal	local	6,4 mg/cm ²
Worker DNEL, long-term	inhalation	local	5 mg/m ³

PNEC values

CAS No	Name of agent		
Environmental compartment	Value		
15630-89-4	Natriumperoxocarbonat		
Freshwater	0,035 mg/l		
Freshwater (intermittent releases)	0,035 mg/l		
Marine water	0,035 mg/l		
Micro-organisms in sewage treatment plants (STP)	16,24 mg/l		

Additional advice on limit values

To date, no national critical limit values exist.

8.2. Exposure controls



Appropriate engineering controls

If handled uncovered, arrangements with local exhaust ventilation have to be used. Do not breathe dust.

Individual protection measures, such as personal protective equipment

Eye/face protection

Suitable eye protection: goggles.

Hand protection

When handling with chemical substances, protective gloves must be worn with the CE-label including the four control digits. The quality of the protective gloves resistant to chemicals must be chosen as a function of the specific working place concentration and quantity of hazardous substances. For special purposes, it is recommended to check the resistance to chemicals of the protective gloves mentioned above together with the supplier of these gloves.

Skin protection

Wear suitable protective clothing.

Respiratory protection

In case of inadequate ventilation wear respiratory protection.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state: solid, Powder
 Colour: white
 Odour: neutral

Changes in the physical state

Safety Data Sheet

according to Regulation (EC) No 1907/2006

Eco Stain Remover Powder Whites

Revision date: 24.01.2023

Product code: PP047

Page 5 of 9

Melting point/freezing point:	not determined
Boiling point or initial boiling point and boiling range:	not determined
Flash point:	not applicable
Flammability	
Solid/liquid:	not determined
Gas:	not applicable
Lower explosion limits:	not determined
Upper explosion limits:	not determined
Self-ignition temperature	
Solid:	not determined
Gas:	not applicable
Decomposition temperature:	not determined
pH-Value:	not determined
Water solubility:	easily soluble
Solubility in other solvents	
not determined	
Partition coefficient n-octanol/water:	not determined
Vapour pressure:	not determined
Density:	not determined
Relative vapour density:	not determined

9.2. Other information

Information with regard to physical hazard classes

Oxidizing properties
The product is: oxidising.

Other safety characteristics

Solid content:	not determined
Evaporation rate:	not determined

SECTION 10: Stability and reactivity

10.1. Reactivity

Oxidizing.

10.2. Chemical stability

Decomposition with: Acid, Base, Combustible substance. Thermal decomposition.

10.3. Possibility of hazardous reactions

Exothermic reaction with: Combustible substance, Alkali metals, Alkaline earth metal, Heavy metals, Metal powder, Acid, Base.

10.4. Conditions to avoid

Risk of explosion by shock, friction, fire or other sources of ignition. Remove all sources of ignition. Keep away from heat. Ignition hazard.

10.5. Incompatible materials

Keep away from combustible material.

10.6. Hazardous decomposition products

Formation of: Oxygen.

Safety Data Sheet

according to Regulation (EC) No 1907/2006

Eco Stain Remover Powder Whites

Revision date: 24.01.2023

Product code: PP047

Page 6 of 9

SECTION 11: Toxicological information
11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008
Acute toxicity

CAS No	Chemical name					
	Exposure route	Dose		Species	Source	Method
497-19-8	sodium carbonate					
	oral	LD50 mg/kg	4090	Rat	IUCLID	
15630-89-4	Natriumperoxocarbonat					
	oral	LD50 mg/kg	1034	Rat		
	dermal	LD50 mg/kg	> 2000	Rabbit		
	inhalation dust/mist	LC50	1,2 mg/l	Mouse		

Additional information on tests

The mixture is classified as hazardous according to regulation (EC) No 1272/2008 [CLP].

SECTION 12: Ecological information
12.1. Toxicity

The product is not: Ecotoxic.

CAS No	Chemical name					
	Aquatic toxicity	Dose	[h] [d]	Species	Source	Method
497-19-8	sodium carbonate					
	Acute fish toxicity	LC50	300 mg/l	96 h	Lepomis macrochirus	
	Acute crustacea toxicity	EC50	265 mg/l	48 h	Daphnia magna	IUCLID
15630-89-4	Natriumperoxocarbonat					
	Acute fish toxicity	LC50 mg/l	70,7	96 h	Pimephales promelas (fathead minnow)	
	Acute crustacea toxicity	EC50	4,9 mg/l	48 h	Daphnia pulex (water flea)	

12.2. Persistence and degradability

The product has not been tested.

12.3. Bioaccumulative potential

The product has not been tested.

12.4. Mobility in soil

The product has not been tested.

12.5. Results of PBT and vPvB assessment

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

The product has not been tested.

12.6. Endocrine disrupting properties

This product does not contain a substance that has endocrine disrupting properties with respect to non-target organisms as no components meets the criteria.

12.7. Other adverse effects

No information available.

Safety Data Sheet

according to Regulation (EC) No 1907/2006

Eco Stain Remover Powder Whites

Revision date: 24.01.2023

Product code: PP047

Page 7 of 9

Further information

Avoid release to the environment.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Disposal recommendations

Do not allow to enter into surface water or drains. Dispose of waste according to applicable legislation.

List of Wastes Code - residues/unused products

160305 WASTES NOT OTHERWISE SPECIFIED IN THE LIST; off-specification batches and unused products; organic wastes containing hazardous substances; hazardous waste

List of Wastes Code - used product

160305 WASTES NOT OTHERWISE SPECIFIED IN THE LIST; off-specification batches and unused products; organic wastes containing hazardous substances; hazardous waste

Contaminated packaging

Wash with plenty of water. Completely emptied packages can be recycled.

SECTION 14: Transport information

Land transport (ADR/RID)

14.1. UN number or ID number:	UN 3378
14.2. UN proper shipping name:	SODIUM CARBONATE PEROXYHYDRATE
14.3. Transport hazard class(es):	5.1
14.4. Packing group:	II
Hazard label:	5.1



Classification code:	O2
Limited quantity:	1 kg
Excepted quantity:	E2
Transport category:	2
Hazard No:	50
Tunnel restriction code:	E

Inland waterways transport (ADN)

14.1. UN number or ID number:	UN 3378
14.2. UN proper shipping name:	SODIUM CARBONATE PEROXYHYDRATE
14.3. Transport hazard class(es):	5.1
14.4. Packing group:	II
Hazard label:	5.1



Classification code:	O2
Limited quantity:	1 kg
Excepted quantity:	E2

Marine transport (IMDG)

14.1. UN number or ID number:	UN 3378
14.2. UN proper shipping name:	SODIUM CARBONATE PEROXYHYDRATE
14.3. Transport hazard class(es):	5.1
14.4. Packing group:	II

Safety Data Sheet

according to Regulation (EC) No 1907/2006

Eco Stain Remover Powder Whites

Revision date: 24.01.2023

Product code: PP047

Page 8 of 9

Hazard label: 5.1

Special Provisions: -

Limited quantity: 1 kg

Excepted quantity: E2

EmS: F-A, S-Q



Air transport (ICAO-TI/IATA-DGR)

14.1. UN number or ID number: UN 3378

14.2. UN proper shipping name: SODIUM CARBONATE PEROXYHYDRATE

14.3. Transport hazard class(es): 5.1

14.4. Packing group: II

Hazard label: 5.1



Special Provisions: A803

Limited quantity Passenger: 2.5 kg

Passenger LQ: Y544

Excepted quantity: E2

IATA-packing instructions - Passenger: 558

IATA-max. quantity - Passenger: 5 kg

IATA-packing instructions - Cargo: 562

IATA-max. quantity - Cargo: 25 kg

14.6. Special precautions for user

Warning: Oxidising substances.

14.7. Maritime transport in bulk according to IMO instruments

not applicable

SECTION 15: Regulatory information

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

EU regulatory information

Restrictions on use (REACH, annex XVII):

Entry 75

Information according to 2012/18/EU (SEVESO III): P8 OXIDISING LIQUIDS AND SOLIDS

National regulatory information

Employment restrictions: Observe restrictions to employment for juveniles according to the 'juvenile work protection guideline' (94/33/EC).

Water hazard class (D): 1 - slightly hazardous to water

15.2. Chemical safety assessment

Chemical safety assessments for substances in this mixture were not carried out.

SECTION 16: Other information

Abbreviations and acronyms

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)

IMDG: International Maritime Code for Dangerous Goods

Safety Data Sheet

according to Regulation (EC) No 1907/2006

Eco Stain Remover Powder Whites

Revision date: 24.01.2023

Product code: PP047

Page 9 of 9

IATA: International Air Transport Association

GHS: Globally Harmonized System of Classification and Labelling of Chemicals

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service

LC50: Lethal concentration, 50%

LD50: Lethal dose, 50%

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

Classification	Classification procedure
Ox. Sol. 2; H272	On basis of test data
Eye Dam. 1; H318	Calculation method

Relevant H and EUH statements (number and full text)

H272	May intensify fire; oxidiser.
H302	Harmful if swallowed.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.

Further Information

The information is based on the present level of our knowledge. It does not, however, give assurance of product properties and establishes no contract legal rights. The receiver of our product is singularly responsible for adhering to existing laws and regulations.

(The data for the hazardous ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)