








COSHH assessment compliant with The Control of Substances Hazardous to Health Regulations 2002 (as amended)

Product/code:	Fairy Original dishwasher tablets PA00172056
Quantity:	Individual units in retail package
Usage:	Dishwasher detergent
Overall risk level: (H/M/L)	Low if contents remain in pouch.
Assessed/date:	Alan Bryan 9/8/16

Product labelling hazard identification

Old	Phrase	New CLP	Phrase	Applies
	Dangerous to the Environment		Hazardous to the environment	No
	Explosive		Explosive (Self-reactive, organic peroxide)	No
	Very Toxic / Toxic		Acute toxicity, (Fatal),	No
	Corrosive		Corrosive (causes severe skin burns and eye damage)	No
	Harmful/Irritant		Health hazard (Harmful skin irritation, serious eye irritation)	Yes
	Highly/ Extremely Flammable		Flammable (Gasses, liquids, solids, aerosols, organic peroxides, self-reactive, pyrophoric, self-heating, contact with water emits flammable gas)	No
	Oxidising		Oxidising (Gases, liquids, solids)	No

	Gas under pressure	No
	Serious health hazard (Sensitiser, mutagen, carcinogen, systemically toxic)	No

Suppliers datasheet

MSDS sheet ref	Fairy Original dishwasher tablets
MSDS date:	25/11/11






Assessment

Physical attributes of the substance	White coloured solid dual phase pouch with speckled powder with liquid top. Perfume odour.
Group or individual risk effects	Individual
How exposure can occur	Ingestion or rubbing contents of pouch in eyes.
Frequency, likelihood and extent of exposure	Low
People exposed	Cleaners
Current control measures	Do not puncture, avoid contact.
Effectiveness of existing controls	Effective
Combined work activity hazards that may increase risk	None
Potential health effects	Serious damage to eyes.
Health effect term (short/long)	Short
Exposure monitoring/Health surveillance required	No
Information, instruction and training required	Use as instructions.
Emergency arrangements:	
Eye contact	Rinse immediately with plenty of water. See doctor if irritation persists.
Skin contact	Rinse with plenty of water. See doctor if irritation persists.
Inhalation	Go to open area. Consult doctor if respiratory problems persist.
Ingestion	Give nothing or a little water. Do not induce



	vomiting. Consult doctor/medical services.
Fire	Use dry chemical powder, alcohol resistant foam or carbon dioxide.
Spillage	Wear gloves and eye protection. Scoop into containers and dispose via domestic waste.

Controls measures

Control	Description	Required
	Wash hands before eating, drinking or smoking	Yes
	PVC/Synthetic rubber gloves to be worn	No
	Splash proof goggles, close fitting eye protection or face shield to be worn	Yes, if eye contact likely.
	Use in a well-ventilated area	Yes
	Coveralls or protective work wear to be worn	Normal workwear.
Other requirements		

Assessment review must happen if any of the following occur:

- The usage changes in a way that makes this assessment invalid
- A health effect is noted or suspected to be linked to this material
- An updated MSDS sheet is issued
- A concern is raised by an employee
- If updated or increased adverse health effect knowledge becomes available

SECTION 1: Identification of the substance/mixture and of the company/undertaking**1.1. Product identifier**

Chemical type : Mixture
 Trade name : FAIRY ORIGINAL DISHWASHER TABLETS
 Product code : PA00172056

1.2. Relevant identified uses of the substance or mixture and uses advised against**1.2.1. Relevant identified uses**

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

Procter & Gamble UK Brooklands, Weybridge, Surrey, KT13 0XP, UK

Tel: 01932 896000 Fax: 01932 896200
 sds.im@pg.com

1.4. Emergency telephone number

Emergency number (UK) Emergency Tel: 0800 328 8304
 (IRL) Emergency Tel: 1800 509 497

SECTION 2: Hazards identification**2.1. Classification of the substance or mixture****Classification according to Directive 67/548/EEC or 1999/45/EC**

Xi; R41

Full text of R-phrases: see section 16.

Adverse physicochemical, human health and environmental effects

No additional information available

2.2. Label elements**Labelling according to Directive 67/548/EEC or 1999/45/EC**

Hazard symbols :



Xi - Irritant

R-phrases :

R41 - Risk of serious damage to eyes.

S-phrases :

S2 - Keep out of the reach of children.
 S25 - Avoid contact with eyes.
 S26 - In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
 S39 - Wear eye/face protection.
 S46 - If swallowed, seek medical advice immediately and show this container or label.

2.3. Other hazards

No additional information available

SECTION 3: Composition/information on ingredients**3.1. Substances**

Not applicable

3.2. Mixtures

Name	Product identifier	%	Classification according to Directive 67/548/EEC
Sodium Carbonate	(CAS No.) 497-19-8 (EC no) 207-838-8 (EC index no) 011-005-00-2	10 - 20	Xi; R36
Sodium Carbonate Peroxide	(CAS No.) 15630-89-4 (EC no) 239-707-6	5 - 10	O; R8 Xn; R22 Xi; R41
C13-15 Alkyl Ethoxylate Butoxylate	(CAS No.) 111905-53-4	1 - 5	Xi; R36 Xi; R38 N; R50

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Name	Product identifier	%	Classification according to Directive 67/548/EEC
Trideceth-4	(CAS No.) 69011-36-5	1 - 5	Xn; R22 Xi; R41
Lauramine Oxide	(CAS No.) 70592-80-2 (EC no) 274-687-2	< 1	Xi; R41 Xi; R38 N; R50

Name	Product identifier	%	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	10 - 20	Eye Irrit. 2, H319
Sodium Carbonate Peroxide	(CAS No.) 15630-89-4 (EC no) 239-707-6	5 - 10	Acute Tox. 4 (Oral), H302 Eye Dam. 1, H318
C13-15 Alkyl Ethoxylate Butoxylate	(CAS No.) 111905-53-4	1 - 5	Skin Irrit. 2, H315 Eye Irrit. 2, H319 Aquatic Acute 1, H400
Trideceth-4	(CAS No.) 69011-36-5	1 - 5	Acute Tox. 4 (Oral), H302 Eye Dam. 1, H318
Lauramine Oxide	(CAS No.) 70592-80-2 (EC no) 274-687-2	< 1	Skin Irrit. 2, H315 Eye Dam. 1, H318 Aquatic Acute 1, H400

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

SECTION 4: First aid measures

4.1. Description of first aid measures

- First-aid measures after inhalation : When symptoms occur: go into open air and ventilate suspected area. Respiratory problems: consult a doctor/medical service.
- First-aid measures after skin contact : When symptoms occur: rinse immediately with plenty of water. Take victim to a doctor if irritation persists.
- First-aid measures after eye contact : Rinse immediately with plenty of water for 15 minutes. Take victim to a doctor if irritation persists.
- First-aid measures after ingestion : Give nothing or a little water to drink. Do not induce vomiting. Consult a doctor/medical service.

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

- Symptoms/injuries after inhalation : May cause irritation or asthma-like symptoms.
- Symptoms/injuries after skin contact : Contact during a long period may cause light irritation.
- Symptoms/injuries after eye contact : May cause severe irritation.
- Symptoms/injuries after ingestion : Gastrointestinal complaints.

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

Refer to section 4.1.

SECTION 5: Firefighting measures

5.1. Extinguishing media

- Suitable extinguishing media : Dry chemical powder, alcohol-resistant foam, carbon dioxide (CO₂).

5.2. Special hazards arising from the substance or mixture

- Fire hazard : No fire hazard. Non combustible.
- Explosion hazard : Product is not explosive.
- Reactivity : No dangerous reactions known.

5.3. Advice for firefighters

- Firefighting instructions : No specific firefighting instructions required.
- Protection during firefighting : In case of inadequate ventilation wear 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 : Wear suitable gloves and eye/face protection.

6.1.2. For emergency responders

- Protective equipment : Wear suitable gloves and eye/face protection.

6.2. Environmental precautions

Consumer products ending up down the drain after use. Prevent soil and water pollution. Prevent spreading in sewers.

6.3. Methods and material for containment and cleaning up

- For containment : Scoop absorbed substance into closing containers.

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according to Regulation (EC) No. 453/2010

Methods for cleaning up : Large spills: scoop solid spill into closing containers. Small quantities of solid spill: wash down with water. This material and its container must be disposed of in a safe way, and as per local legislation.

6.4. Reference to other sections

Refer to Sections 8 and 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling : Avoid contact with eyes. Use personal protective equipment as required. Avoid raising dust. Do not eat, drink or smoke when using this product. Do not handle until all safety precautions have been read and understood.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions : Store in original container. Refer to section 10.
Incompatible products : Refer to section 10.
Incompatible materials : Not applicable.
Prohibitions on mixed storage : Not applicable.
Storage area : Store in a cool area. Store in a dry area. Store away from heat.

7.3. Specific end use(s)

Cleaning/washing agents and additives.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

No additional information available

8.2. Exposure controls

Personal protective equipment : Wear eye/face protection.
Hand protection : Not applicable.
Eye protection : Safety glasses.
Skin and body protection : Not applicable.
Respiratory protection : Not applicable.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state : Solid
Appearance : dual-phase pouch: speckled powder with liquid top.
Colour : White. Coloured.
Odour : pleasant (perfume).
Odour threshold : No data available
pH : 10.5
pH solution : 1 %
Melting point : Not measured.
Solidification point : No data available
Boiling point : Not measured.
Flash point : Not applicable
Relative evaporation rate (butylacetate=1) : Not measured.
Flammability (solid, gas) : Not flammable.
Explosive limits : Product is not explosive
Vapour pressure : Not measured.
Relative vapour density at 20 °C : Not measured.
Relative density : No data available
Density : 1064 g/l
Solubility : Soluble in water.
Log Pow : No data available
Self ignition temperature : Not measured.
Decomposition temperature : Not measured.
Viscosity : Not applicable

9.2. Other information

No additional information available

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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

Refer to section 10.1 on Reactivity.

10.4. Conditions to avoid

Not required for normal conditions of use.

10.5. Incompatible materials

Not applicable.

10.6. Hazardous decomposition products

None under normal use.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Irritation : Risk of serious damage to eyes.

Potential Adverse human health effects and symptoms : Irritation: severely irritant to eyes. Acute Toxicity: based upon available data of the substances, classification criteria are not met. Carcinogenicity: based upon available data of the substances, classification criteria are not met. Mutagenicity: based upon available data of the substances, classification criteria are not met. Repeated Dose Toxicity: based upon available data of the substances, classification criteria are not met. Sensitization: based upon available data of the substances, classification criteria are not met. Toxicity for Reproduction: based upon available data of the substances, classification criteria are not met. Corrosivity: based upon available data of the substances, classification criteria are not met.

Other information : Likely routes of exposure: ingestion, skin and eye. Information on Effects: refer to section 4.

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. The product is not considered harmful to aquatic organisms nor to cause long-term adverse effects in the environment.

12.2. Persistence and degradability

No additional information available

12.3. Bioaccumulative potential

No additional information available

12.4. Mobility in soil

No additional information available

12.5. Results of PBT and vPvB assessment

WE ADW LH Green v179 45c 13mg protease

Results of PBT assessment	No presence of PBT and vPvB ingredients
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12.6. Other adverse effects

Other information : No other effects known.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Regional legislation (waste) : Disposal must be done according to official regulations.

SECTION 14: Transport information

14.1. UN number

Not applicable

14.2. UN proper shipping name

Not applicable

14.3. Transport hazard class(es)

Not applicable

14.4. Packing group

Not applicable

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14.5. Environmental hazards

Not applicable

14.6. Special precautions for user

Not applicable

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

Not applicable

SECTION 15: Regulatory information

Ingredient label : >30% Phosphates; 5-15% Non-ionic surfactants, Oxygen-based bleaching agents; <5% Phosphonates, Polycarboxylates; Enzymes, Perfumes, Citronellol, Limonene, Linalool.

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

15.1.1. EU-Regulations

No additional information available

15.1.2. National regulations

EURAL code : 20 01 29*

CESIO recommendations : The surfactant(s) contained in this preparation complies(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.

15.2. Chemical safety assessment

Not available.

SECTION 16: Other information

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

Salts listed in Section 3 without a REACH Registration number are exempt, based on Annex V

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
Eye Dam. 1	Serious eye damage/eye irritation Category 1
Eye Irrit. 2	Serious eye damage/eye irritation Category 2
Skin Irrit. 2	skin corrosion/irritation Category 2
H302	Harmful if swallowed
H315	Causes skin irritation
H318	Causes serious eye damage
H319	Causes serious eye irritation
H400	Very toxic to aquatic life
R22	Harmful if swallowed.
R36	Irritating to eyes.
R38	Irritating to skin.
R41	Risk of serious damage to eyes.
R50	Very toxic to aquatic organisms.
R8	Contact with combustible material may cause fire.

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.