



**Safety Data Sheet**  
According to Regulation (EC) No 1907/2006

**Horizon Bright**

Revision: 2014-10-08

Version: 02.0

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

**1.1 Product identifier**

Trade name: Horizon Bright

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

For professional and industrial use only.

AISE-P 110 - Laundry aid (non-gassing). Automatic process

Uses advised against: Uses other than those identified are not recommended

**1.3 Details of the supplier of the safety data sheet**

Diversey Europe Operations BV, Maarssenbroeksedijk 2, 3542DN Utrecht, The Netherlands

**Contact details**

Diversey Ltd

Weston Favell Centre, Northampton NN3 8PD, United Kingdom

Tel: 01604 405311, Fax: 01604 406809

Regulatory Email: [MSDSinfoUK@sealedair.com](mailto:MSDSinfoUK@sealedair.com)

**1.4 Emergency telephone number**

For medical or environmental emergency only:

call 0800 052 0185

**SECTION 2: Hazards identification**

**2.1 Classification of the substance or mixture**

The product has been classified and labelled in accordance with Regulation (EC) No 1272/2008.

Eye Dam. 1 (H318)

Classification in accordance with Directive 1999/45/EC and corresponding national legislation

Indication of danger

Xi - Irritant

O - Oxidising

Risk phrases:

R 8 - Contact with combustible material may cause fire.

R41 - Risk of serious damage to eyes.

**2.2 Label elements**



Signal word: Danger

Contains 6-(phthalimido)peroxyhexanoic acid (Phthalimidoperoxyacproic Acid).

Hazard statements:

H318 - Causes serious eye damage.

Horizon Bright

**Precautionary statements:**

P280 - Wear eye or face protection.  
 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 CENTRE, doctor or physician.

**2.3 Other hazards**

No other hazards known. The product does not meet the criteria for PBT or vPvB in accordance with Regulation (EC) No 1907/2006, Annex XIII.

**SECTION 3: Composition/information on ingredients**

**3.2 Mixtures**

Ingredient(s)	EC number	CAS number	REACH number	Classification	Classification (1993/45/EC)	Notes	Weight percent
6-(phthalimido)peroxyhexanoic acid	410-850-8	128275-31-0	No data available	Org. Perox. D (H242) Eye Dam. 1 (H318) Aquatic Acute 1 (H400)	O;R7 Xi;R41 N;R50		10-20
1-hydroxyethane-1,1-diphosphonic acid	220-552-8	2809-21-4	01-2119510391-53	Acute Tox. 4 (H302) Eye Dam. 1 (H318) Met. Corr. 1 (H290)	Xn;R22 Xi;R41		1-3

\* Polymer.

For the full text of the R, H and EUH phrases mentioned in this Section, see Section 16.

Workplace exposure limit(s), if available, are listed in subsection 8.1.

[1] Exempted: Ionic mixture. See Regulation (EC) No 1907/2006, Annex V, paragraph 3 and 4. This salt is potentially present, based on calculation, and included for classification and labelling purposes only. Each starting material of the ionic mixture is registered, as required.

[2] Exempted: Included in Annex IV of Regulation (EC) No 1907/2006.

[3] Exempted: Annex V of Regulation (EC) No 1907/2006.

[4] Exempted: polymer. See Article 2(9) of Regulation (EC) No 1907/2006.

**SECTION 4: First aid measures**

**4.1 Description of first aid measures**

**Inhalation:** Get medical attention or advice if you feel unwell.  
**Skin contact:** Wash skin with plenty of lukewarm, gently flowing water. If skin irritation occurs: Get medical advice or attention.  
**Eye contact:** Immediately rinse eyes cautiously with lukewarm water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTRE, doctor or physician.  
**Ingestion:** Immediately drink 1 glass of water. Get medical attention or advice if you feel unwell.  
**Self-protection of first aider:** Consider personal protective equipment as indicated in subsection 8.2.

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

**Inhalation:** No known effects or symptoms in normal use.  
**Skin contact:** No known effects or symptoms in normal use.  
**Eye contact:** Causes severe or permanent damage.  
**Ingestion:** No known effects or symptoms in normal use.

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

No information available on clinical testing and medical monitoring. Specific toxicological information on substances, if available, can be found in section 11.

**SECTION 5: Firefighting measures**

**5.1 Extinguishing media**

Carbon dioxide. Dry powder. Water spray jet. Fight larger fires with water spray jet or alcohol-resistant foam.

**5.2 Special hazards arising from the substance or mixture**

No special hazards known.

**5.3 Advice for firefighters**

As in any fire, wear self contained breathing apparatus and suitable protective clothing including gloves and eye/face protection.

**SECTION 6: Accidental release measures**

**6.1 Personal precautions, protective equipment and emergency procedures**

Wear eye/face protection.

**6.2 Environmental precautions**

Do not allow to enter drainage system, surface or ground water. Dilute with plenty of water.

**6.3 Methods and material for containment and cleaning up**

Absorb with liquid-binding material (sand, diatomite, universal binders, sawdust).

#### 6.4 Reference to other sections

For personal protective equipment see subsection 8.2. For disposal considerations see section 13.

## SECTION 7: Handling and storage

### 7.1 Precautions for safe handling

#### Measures to prevent fire and explosions:

No special precautions required.

#### Measures required to protect the environment:

For environmental exposure controls see subsection 8.2.

#### Advices on general occupational hygiene:

Handle in accordance with good industrial hygiene and safety practice. Keep away from food, drink and animal feeding stuffs. Do not mix with other products unless advised by Sealed Air. Wash hands before breaks and at the end of workday. Wash face, hands and any exposed skin thoroughly after handling. Take off immediately all contaminated clothing. Use personal protective equipment as required. Avoid contact with eyes. Use only with adequate ventilation.

### 7.2 Conditions for safe storage, including any incompatibilities

Store in accordance with local and national regulations. Keep only in original container. Store in a closed container. For conditions to avoid see subsection 10.4. For incompatible materials see subsection 10.5.

### 7.3 Specific end use(s)

No specific advice for end use available.

## SECTION 8: Exposure controls/personal protection

### 8.1 Control parameters

#### Workplace exposure limits

Air limit values, if available:

Biological limit values, if available:

Recommended monitoring procedures, if available:

Additional exposure limits under the conditions of use, if available:

#### DNEL/DMEL and PNEC values

##### Human exposure

##### DNEL oral exposure - Consumer (mg/kg bw)

Ingredient(s)	Short term - Local effects	Short term - Systemic effects	Long term - Local effects	Long term - Systemic effects
6-(phthalimido)peroxyhexanoic acid	No data available	No data available	No data available	No data available
1-hydroxyethane-1,1-diphosphonic acid	No data available	6.5	No data available	6.5

##### DNEL dermal exposure - Worker

Ingredient(s)	Short term - Local effects	Short term - Systemic effects (mg/kg bw)	Long term - Local effects	Long term - Systemic effects (mg/kg bw)
6-(phthalimido)peroxyhexanoic acid	No data available	No data available	No data available	No data available
1-hydroxyethane-1,1-diphosphonic acid	No data available	No data available	No data available	No data available

##### DNEL dermal exposure - Consumer

Ingredient(s)	Short term - Local effects	Short term - Systemic effects (mg/kg bw)	Long term - Local effects	Long term - Systemic effects (mg/kg bw)
6-(phthalimido)peroxyhexanoic acid	No data available	No data available	No data available	No data available
1-hydroxyethane-1,1-diphosphonic acid	No data available	No data available	No data available	No data available

##### DNEL Inhalatory exposure - Worker (mg/m<sup>3</sup>)

Ingredient(s)	Short term - Local effects	Short term - Systemic effects	Long term - Local effects	Long term - Systemic effects
6-(phthalimido)peroxyhexanoic acid	No data available	No data available	No data available	No data available
1-hydroxyethane-1,1-diphosphonic acid	No data available	No data available	No data available	No data available

##### DNEL Inhalatory exposure - Consumer (mg/m<sup>3</sup>)

Ingredient(s)	Short term - Local effects	Short term - Systemic effects	Long term - Local effects	Long term - Systemic effects
6-(phthalimido)peroxyhexanoic acid	No data available	No data available	No data available	No data available
1-hydroxyethane-1,1-diphosphonic acid	No data available	No data available	No data available	No data available

#### Environmental exposure

##### Environmental exposure - PNEC

Ingredient(s)	Surface water, fresh (mg/l)	Surface water, marine (mg/l)	Intermittent (mg/l)	Sewage treatment plant (mg/l)
6-(phthalimido)peroxyhexanoic acid	No data available	No data available	No data available	No data available

Horizon Bright

1-hydroxyethane-1,1-diphosphonic acid	0.136	0.0136	No data available	20
---------------------------------------	-------	--------	-------------------	----

Environmental exposure - PNEC, continued

Ingredient(s)	Sediment, freshwater (mg/kg)	Sediment, marine (mg/kg)	Soil (mg/kg)	Air (mg/m <sup>3</sup> )
6-(phthalimido)peroxyhexanoic acid	No data available	No data available	No data available	No data available
1-hydroxyethane-1,1-diphosphonic acid	59	5.9	96	No data available

8.2 Exposure controls

The following information applies for the uses indicated in subsection 1.2.  
If available, please refer to the product information sheet for application and handling instructions.  
Normal use conditions are assumed for this section.

Recommended safety measures for handling the undiluted product:  
Covering activities such as filling and transfer of product to application equipment, flasks or buckets

**Appropriate engineering controls:** If the product is diluted by using specific dosing systems with no risk of splashes or direct skin contact, the personal protection equipment as described in this section is not required.  
**Appropriate organisational controls:** Avoid direct contact and/or splashes where possible. Train personnel.

**Personal protective equipment**  
**Eye / face protection:** Safety glasses or goggles (EN 188).  
**Hand protection:** No special requirements under normal use conditions.  
**Body protection:** No special requirements under normal use conditions.  
**Respiratory protection:** No special requirements under normal use conditions.

**Environmental exposure controls:** No special requirements under normal use conditions.

Recommended safety measures for handling the diluted product:

Recommended maximum concentration (%): 1

**Appropriate engineering controls:** No special requirements under normal use conditions.  
**Appropriate organisational controls:** No special requirements under normal use conditions.

**Personal protective equipment**  
**Eye / face protection:** No special requirements under normal use conditions.  
**Hand protection:** No special requirements under normal use conditions.  
**Body protection:** No special requirements under normal use conditions.  
**Respiratory protection:** No special requirements under normal use conditions.

**Environmental exposure controls:** No special requirements under normal use conditions.

**SECTION 9: Physical and chemical properties**

9.1 Information on basic physical and chemical properties

Information in this section refers to the product, unless it is specifically stated that substance data is listed

Method / remark

**Physical State:** Liquid  
**Colour:** Milky, White  
**Odour:** Product specific  
**Odour threshold:** Not applicable  
**pH:** ≈ 4 (neat)  
**Melting point/freezing point (°C):** Not determined  
**Initial boiling point and boiling range (°C):** Not determined

Substance data, boiling point

Ingredient(s)	Value (°C)	Method	Atmospheric pressure (hPa)
6-(phthalimido)peroxyhexanoic acid	No data available		
1-hydroxyethane-1,1-diphosphonic acid	105	Method not given	

Method / remark

**Flash point (°C):** Not applicable.  
**Sustained combustion:** Not determined  
**Evaporation rate:** Not determined  
**Flammability (solid, gas):** Not determined  
**Upper/lower flammability limit (%):** Not determined

Substance data, flammability or explosive limits, if available:

Method / remark

**Vapour pressure:** Not determined

Horizon Bright

Substance data, vapour pressure

Ingredient(s)	Value (Pa)	Method	Temperature (°C)
6-(phthalimido)peroxyhexanoic acid	No data available		
1-hydroxyethane-1,1-diphosphonic acid	< 0.00001	Method not given	25

Method / remark

Vapour density: Not determined  
 Relative density: 1.01 g/cm<sup>3</sup> (20 °C)  
 Solubility in / Miscibility with Water: Fully miscible

Substance data, solubility in water

Ingredient(s)	Value (g/l)	Method	Temperature (°C)
6-(phthalimido)peroxyhexanoic acid	No data available		
1-hydroxyethane-1,1-diphosphonic acid	No data available		

Substance data, partition coefficient n-octanol/water (log Kow): see subsection 12.3

Method / remark

Autoignition temperature: 470 °C  
 Decomposition temperature: >80 (°C)  
 Viscosity: ≈ 550 mPa.s (20 °C)  
 Explosive properties: Not explosive.  
 Oxidising properties: Not oxidising

9.2 Other information

Surface tension (N/m): Not determined  
 Corrosion to metals: Not corrosive

Weight of evidence

Substance data, dissociation constant, if available:

**SECTION 10: Stability and reactivity**

10.1 Reactivity

No reactivity hazards known under normal storage and use conditions.

10.2 Chemical stability

Stable under normal storage and use conditions.

10.3 Possibility of hazardous reactions

No hazardous reactions known under normal storage and use conditions.

10.4 Conditions to avoid

Keep in a cool place. Keep container in a well-ventilated place. None known under normal storage and use conditions.

10.5 Incompatible materials

Reacts with alkali. Keep away from products containing chlorine-based bleaching agents or sulphites.

10.6 Hazardous decomposition products

None known under normal storage and use conditions.

**SECTION 11: Toxicological information**

11.1 Information on toxicological effects

Mixture data:

Relevant calculated ATE(s):  
 ATE - Oral (mg/kg): >2000

Substance data, where relevant and available, are listed below.

Acute toxicity

Acute oral toxicity

Ingredient(s)	Endpoint	Value (mg/kg)	Species	Method	Exposure time (h)
6-(phthalimido)peroxyhexanoic acid		No data available			
1-hydroxyethane-1,1-diphosphonic acid	LD <sub>50</sub>	1100	Rat	Method not given	

Acute dermal toxicity

Horizon Bright

Ingredient(s)	Endpoint	Value (mg/kg)	Species	Method	Exposure time (h)
6-(phthalimido)peroxyhexanoic acid		No data available			
1-hydroxyethane-1,1-diphosphonic acid	LD <sub>50</sub>	> 5000	Rabbit	Method not given	

Acute Inhalative toxicity

Ingredient(s)	Endpoint	Value (mg/l)	Species	Method	Exposure time (h)
6-(phthalimido)peroxyhexanoic acid		No data available			
1-hydroxyethane-1,1-diphosphonic acid		No data available			

Irritation and corrosivity

Skin Irritation and corrosivity

Ingredient(s)	Result	Species	Method	Exposure time
6-(phthalimido)peroxyhexanoic acid	No data available			
1-hydroxyethane-1,1-diphosphonic acid	Not irritant	Rabbit	Method not given	

Eye Irritation and corrosivity

Ingredient(s)	Result	Species	Method	Exposure time
6-(phthalimido)peroxyhexanoic acid	No data available			
1-hydroxyethane-1,1-diphosphonic acid	Severe damage	Rabbit	Non guideline test	

Respiratory tract irritation and corrosivity

Ingredient(s)	Result	Species	Method	Exposure time
6-(phthalimido)peroxyhexanoic acid	No data available			
1-hydroxyethane-1,1-diphosphonic acid	No data available			

Sensitisation

Sensitisation by skin contact

Ingredient(s)	Result	Species	Method	Exposure time (h)
6-(phthalimido)peroxyhexanoic acid	No data available			
1-hydroxyethane-1,1-diphosphonic acid	Not sensitising		Read across	

Sensitisation by Inhalation

Ingredient(s)	Result	Species	Method	Exposure time
6-(phthalimido)peroxyhexanoic acid	No data available			
1-hydroxyethane-1,1-diphosphonic acid	No data available			

CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)

Mutagenicity

Ingredient(s)	Result (In-vitro)	Method (In-vitro)	Result (In-vivo)	Method (In-vivo)
6-(phthalimido)peroxyhexanoic acid	No data available		No data available	
1-hydroxyethane-1,1-diphosphonic acid	No evidence for mutagenicity, negative test results	OECD 471 (EU B.12/13)	No evidence for mutagenicity, negative test results	OECD 474 (EU B.12)

Carcinogenicity

Ingredient(s)	Effect
6-(phthalimido)peroxyhexanoic acid	No data available
1-hydroxyethane-1,1-diphosphonic acid	No evidence for carcinogenicity, negative test results

Toxicity for reproduction

Ingredient(s)	Endpoint	Specific effect	Value (mg/kg bw/d)	Species	Method	Exposure time	Remarks and other effects reported
6-(phthalimido)peroxyhexanoic acid			No data available				
1-hydroxyethane-1,1-diphosphonic acid			No data available				No evidence for developmental toxicity

Repeated dose toxicity

Sub-acute or sub-chronic oral toxicity

Ingredient(s)	Endpoint	Value (mg/kg bw/d)	Species	Method	Exposure time (days)	Specific effects and organs affected
6-(phthalimido)peroxyhexanoic acid		No data available				
1-hydroxyethane-1,1-diphosphonic acid	NOAEL	1724	Rat	Method not given	90	

Sub-chronic dermal toxicity

Ingredient(s)	Endpoint	Value (mg/kg bw/d)	Species	Method	Exposure time (days)	Specific effects and organs affected

Horizon Bright

6-(phthalimido)peroxyhexanoic acid		No data available				
1-hydroxyethane-1,1-diphosphonic acid		No data available				

Sub-chronic inhalation toxicity

Ingredient(s)	Endpoint	Value (mg/kg bw/d)	Species	Method	Exposure time (days)	Specific effects and organs affected
6-(phthalimido)peroxyhexanoic acid		No data available				
1-hydroxyethane-1,1-diphosphonic acid		No data available				

Chronic toxicity

Ingredient(s)	Exposure route	Endpoint	Value (mg/kg bw/d)	Species	Method	Exposure time	Specific effects and organs affected	Remark
6-(phthalimido)peroxyhexanoic acid			No data available					
1-hydroxyethane-1,1-diphosphonic acid	Oral	NOAEL	1583	Rat	Non guideline test			

STOT-single exposure

Ingredient(s)	Affected organ(s)
6-(phthalimido)peroxyhexanoic acid	No data available
1-hydroxyethane-1,1-diphosphonic acid	No data available

STOT-repeated exposure

Ingredient(s)	Affected organ(s)
6-(phthalimido)peroxyhexanoic acid	No data available
1-hydroxyethane-1,1-diphosphonic acid	No data available

Aspiration hazard

Substances with an aspiration hazard (H304), if any, are listed in section 3. If relevant, see section 9 for dynamic viscosity and relative density of the product.

Potential adverse health effects and symptoms

Effects and symptoms related to the product, if any, are listed in subsection 4.2.

**SECTION 12: Ecological information**

12.1 Toxicity

No data is available on the mixture.

Substance data, where relevant and available, are listed below

Aquatic short-term toxicity

Aquatic short-term toxicity - fish

Ingredient(s)	Endpoint	Value (mg/l)	Species	Method	Exposure time (h)
6-(phthalimido)peroxyhexanoic acid		No data available			
1-hydroxyethane-1,1-diphosphonic acid	LC <sub>50</sub>	195	<i>Oncorhynchus mykiss</i>	Method not given	96

Aquatic short-term toxicity - crustacea

Ingredient(s)	Endpoint	Value (mg/l)	Species	Method	Exposure time (h)
6-(phthalimido)peroxyhexanoic acid		No data available			
1-hydroxyethane-1,1-diphosphonic acid	EC <sub>50</sub>	527	<i>Daphnia magna</i> Straus	OECD 202	48

Aquatic short-term toxicity - algae

Ingredient(s)	Endpoint	Value (mg/l)	Species	Method	Exposure time (h)
6-(phthalimido)peroxyhexanoic acid		No data available			
1-hydroxyethane-1,1-diphosphonic acid	EC <sub>50</sub>	3	<i>Pseudokirchneriella subcapitata</i>	Method not given	96

Aquatic short-term toxicity - marine species

Ingredient(s)	Endpoint	Value (mg/l)	Species	Method	Exposure time (days)
6-(phthalimido)peroxyhexanoic acid		No data available			

Horizon Bright

1-hydroxyethane-1,1-diphosphonic acid		No data available			
---------------------------------------	--	-------------------	--	--	--

Impact on sewage plants - toxicity to bacteria

Ingredient(s)	Endpoint	Value (mg/l)	Inoculum	Method	Exposure time
6-(phthalimido)peroxyhexanoic acid		No data available			
1-hydroxyethane-1,1-diphosphonic acid	EC <sub>50</sub>	1000	<i>Pseudomonas putida</i>	DIN 38412, Part 27	30 minute(s)

Aquatic long-term toxicity

Aquatic long-term toxicity - fish

Ingredient(s)	Endpoint	Value (mg/l)	Species	Method	Exposure time	Effects observed
6-(phthalimido)peroxyhexanoic acid		No data available				
1-hydroxyethane-1,1-diphosphonic acid	NOEC	180	<i>Oncorhynchus mykiss</i>	OECD 204	14 day(s)	

Aquatic long-term toxicity - crustacea

Ingredient(s)	Endpoint	Value (mg/l)	Species	Method	Exposure time	Effects observed
6-(phthalimido)peroxyhexanoic acid		No data available				
1-hydroxyethane-1,1-diphosphonic acid	NOEC	6.75	<i>Daphnia magna</i>	Method not given	28 day(s)	

Aquatic toxicity to other aquatic benthic organisms, including sediment-dwelling organisms, if available:

Ingredient(s)	Endpoint	Value (mg/kg dw sediment)	Species	Method	Exposure time (days)	Effects observed
6-(phthalimido)peroxyhexanoic acid		No data available				
1-hydroxyethane-1,1-diphosphonic acid		No data available				

Terrestrial toxicity

Terrestrial toxicity - soil invertebrates, including earthworms, if available:

Terrestrial toxicity - plants, if available:

Terrestrial toxicity - birds, if available:

Terrestrial toxicity - beneficial insects, if available:

Terrestrial toxicity - soil bacteria, if available:

12.2 Persistence and degradability

Abiotic degradation

Abiotic degradation - photodegradation in air, if available:

Abiotic degradation - hydrolysis, if available:

Abiotic degradation - other processes, if available:

Biodegradation

Ready biodegradability - aerobic conditions

Ingredient(s)	Inoculum	Analytical method	DT <sub>50</sub>	Method	Evaluation
6-(phthalimido)peroxyhexanoic acid					No data available
1-hydroxyethane-1,1-diphosphonic acid			22.88 % in 5 day(s)	OECD 301D	Not readily biodegradable.

Ready biodegradability - anaerobic and marine conditions, if available:

Degradation in relevant environmental compartments, if available:

12.3 Bioaccumulative potential

Partition coefficient n-octanol/water (log K<sub>ow</sub>)

Ingredient(s)	Value	Method	Evaluation	Remark
6-(phthalimido)peroxyhexanoic acid	No data available			
1-hydroxyethane-1,1-diphosphonic acid	-3.49	Method not given	No bioaccumulation expected	

Bioconcentration factor (BCF)

Ingredient(s)	Value	Species	Method	Evaluation	Remark
6-(phthalimido)peroxyhexanoic acid	No data available				



Horizon Bright

1-hydroxyethane-1,1-di-phosphonic acid	> 7		Method not given	No bioaccumulation expected	
--	-----	--	------------------	-----------------------------	--

**12.4 Mobility in soil**

Adsorption/Desorption to soil or sediment

Ingredient(s)	Adsorption coefficient Log Koc	Desorption coefficient Log Koc(des)	Method	Soil/sediment type	Evaluation
6-(phthalimido)peroxyhexanoic acid	No data available				
1-hydroxyethane-1,1-di-phosphonic acid	2.8 - 4.7		Method not given		Low mobility in soil

**12.5 Results of PBT and vPvB assessment**

Substances that fulfill the criteria for PBT/vPvB, if any, are listed in section 3.

**12.6 Other adverse effects**

No other adverse effects known.

**SECTION 13: Disposal considerations**

**13.1 Waste treatment methods**

Waste from residues / unused products:

The concentrated contents or contaminated packaging should be disposed of by a certified handler or according to the site permit. Release of waste to sewers is discouraged. The cleaned packaging material is suitable for energy recovery or recycling in line with local legislation.

European Waste Catalogue:

16 09 03\* - peroxides, for example hydrogen peroxide.

Empty packaging

Recommendation:

Dispose of observing national or local regulations.

Suitable cleaning agents:

Water, if necessary with cleaning agent.

**SECTION 14: Transport information**

**ADR, RID, ADN, IMO/IMDG, ICAO/IATA**

14.1 UN number: Non-dangerous goods

14.2 UN proper shipping name: Non-dangerous goods

14.3 Transport hazard class(es): Non-dangerous goods

Class: -

14.4 Packing group: Non-dangerous goods

14.5 Environmental hazards: Non-dangerous goods

14.6 Special precautions for user: Non-dangerous goods

14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code: The product is not transported in bulk tankers.

**SECTION 15: Regulatory information**

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

Authorisations or restrictions (Regulation (EC) No 1907/2006, Title VII respectively Title VIII): Not applicable.

Ingredients according to EC Detergents Regulation 648/2004

oxygen-based bleaching agents

15 - 30%

phosphonates

< 5%

**15.2 Chemical safety assessment**

A chemical safety assessment has not been carried out on the mixture

**SECTION 16: Other information**

*The information in this document is based on our best present knowledge. However, it does not constitute a guarantee for any specific product features and does not establish a legally binding contract*

MSDS code: MSDSGB6719

Version: 02.0

Revision: 2014-10-08

Reason for revision:

Overall design adjusted in accordance with Amendment 453/2010, Annex II of Regulation (EC) No 1907/2006, This data sheet contains changes from the previous version in section(s): 8

**Classification procedure**

The classification of the mixture is in general based on calculation methods using substance data, as required by Regulation (EC) No 1272/2008. If for certain classifications data on the mixture is available or for example bridging principles or weight of evidence can be used for classification, this will be indicated in the relevant sections of the Safety Data Sheet. See section 9 for physical chemical properties, section 11 for toxicological information and section 12 for ecological information.



01704 553773

[www.bmsupplies.co.uk](http://www.bmsupplies.co.uk)

Horizon Bright

SAFETY DATA SHEET

**Full text of the R, H and EUH phrases mentioned in section 3:**

- H242 - Heating may cause a fire.
- H290 - May be corrosive to metals.
- H302 - Harmful if swallowed.
- H318 - Causes serious eye damage.
- H400 - Very toxic to aquatic life.
- R 7 - May cause fire.
- R22 - Harmful if swallowed.
- R41 - Risk of serious damage to eyes.
- R50 - Very toxic to aquatic organisms.

**Abbreviations and acronyms:**

- AISE - The International Association for Soaps, Detergents and Maintenance Products
- DNEL - Derived No Effect Limit
- EUH - CLP Specific hazard statement
- PBT - Persistent, Bioaccumulative and Toxic
- PNEC - Predicted No Effect Concentration
- REACH number - REACH registration number, without supplier specific part
- vPvB - very Persistent and very Bioaccumulative
- ATE - Acute Toxicity Estimate

End of Safety Data Sheet