4 Symington Place
Riverside Business Park
Irvine
KA11 5DE

PRODUCT SAFETY DATA SHEET

Compiled according to Regulation (EC) No. 453/2010

Compilation Date 27/04/15 **Revision** 1*

1. Identification of the Substance/Preparation and of the Company/Undertaking

1.1 Product Identifier

Product Form Mixture
Trade Name Platinum Premium Laundry Detergent
Product Group Trade Product
Product Code PLAT1460

1.2 Relevant Identified Uses of the Substance or Mixture and Uses Advised Against

Main Use Category Professional Use
Function or Use Category Washing and cleaning products (including solvent based products).
A professional concentrated, heavy duty laundry liquid formulated to remove soiling from the majority of everyday fabrics in automatic machines. Not suitable for wools and silks.

Uses Advised Against No additional information available.

1.3 Details of the Supplier of the Safety Data Sheet

Company Name Spearhead Healthcare
Mill House
New Mill Road
Kilmarnock
Ayrshire
KA1 3JG
T: 0845 180 1800

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E: sales@spearheadhealthcare.com

2. Hazards Identification

2.1 Classification of the Substance or Mixtures

Classification According to Regulation (EC) No. 1272/2008 [CLP]
Eye Irrit. 2: H319

Classification According to Directive 67/548/EEC or 1999/45/EC
Xi; R36

2.2 Label Elements

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

Hazard Pictograms (CLP)

Signal Word (CLP) Warning

Hazard Statements (CLP)
H319 – Causes serious eye irritation.

Precautionary Statements (CLP)
P102 – Keep out of reach of children.
P262 – Do not get in eyes, on skin, or on clothing.
P280 - Wear protective gloves/protective clothing/eye protection/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.
P337+P315 – If eye irritation persists: get immediate medical advice/attention.
P301+P330+P331 – IF SWALLOWED: rinse mouth. Do NOT induce vomiting.
P312 – Call a POISON CENTER or doctor/physician if you feel unwell.
P302 + P352 – IF ON SKIN: was with plenty of water.

The full texts for all R-, H- and EUH-phrases are displayed in Section 16 ‘Other Information’.

2.3 Other Hazards

Other Hazards Not Contributing to the Classification	No presence of PBT and vPvB ingredients.

3. Composition/Information on Ingredients

Common Name	CAS No./EC No.	Classification **According to Directive 67/548/EEC**	Conc (%)
Alkyl Polyglycol Ether C12-C18	68213-23-0 500-201-8	Xi; R22, R41.	5 – 15%
Fatty Acids, C12-18, Potassium Salts	91032-02-0 293-008-0	Xi; R36.	1 – 10%
Benzenesulphonic Acid, C10-13, sodium salt	68411-30-3 270-115-0	Xi; R38, R41.	1 – 5%
Alkylpolyglycoside, C8-10	68515-73-1 500-220-1	Xi; R41.	1 – 5%
Tetrasodium Ethylene Diamine Tetraacetate	64-02-8 200-573-9	Xn; R20/22, Xi; R38, R41.	1 – 5%
Citric Acid	77-92-9 201-069-1	Xi; R36	0.1 – 1%
Perfume	Preparation	Xi; R36, R43. N; R52/53	0.1 – 1%

Common Name	CAS No./EC No.	Classification **According to (EC) 1272/2008 (CLP)**	Conc (%)
Alkyl Polyglycol Ether C12-C18	68213-23-0 500-201-8	Acute Tox. 4 (Oral), H302 Eye Dam. 1, H318	5 – 15%
Fatty acids, C12-18, potassium salts	91032-02-9/ 292-008-0	Eye Irrit. 2, H319	1 – 10%
Benzenesulphonic acid, C10-13, sodium salt	68411-30-3/ 270-115-0	Skin Irrit. 2, H315 Eye Dam. 1, H318	1 – 5%
Alkylpolyglycoside, C8-C10	68515-73-1/ 500-220-1	Eye Dam. 1, H318	1 – 5%
Tetrasdium Ethylene Diamine Tetraacetate	64-02-8 200-573-9	Acute Tox. 4, H302 Acute Tox. 4, H332 Eye Dam. 1, H318	1 – 5%
Citric Acid	77-92-9/	Eye Irrit. 2, H319	0.1 – 1%

Perfume	Preparation	Skin Irrit. 2, H315 Skin Sens. 1. H317 Aquatic Chron. 2, H411	0.1 – 1%

The full texts for all R-, H- and EUH-phrases are displayed in Section 16 ‘Other Information’.

4. First-Aid Measures

4.1 Description of First Aid Measures

First-Aid Measures After Inhalation	IF INHALED: not likely to be relevant. Seek medical advice if you feel unwell.
First-Aid Measures After Skin Contact	IF ON SKIN: wash with plenty of soap and water. If skin irritation occurs: get medical advice/attention, and discontinue use of product.
First-Aid Measures After Eye Contact	IF IN EYES: rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a doctor if eye irritation persists.
First-Aid Measures After Ingestion	IF SWALLOWED: rinse mouth. Do NOT induce vomiting. Drink 1-2 glasses of water. Immediately call a doctor if victim feels unwell.

4.2 Most Important Symptoms and Effects, Both Acute and Delayed

Symptoms/Injuries After Inhalation	Coughing. Sneezing (inhaling aerosol/mist)
Symptoms/Injuries After Skin Contact	Redness. Swelling. Dryness. Itching.
Symptoms/Injuries After Eye Contact	Pain. Redness. Swelling. Blurred Vision.
Symptoms/Injuries After Ingestion	Oral mucosal or gastro-intestinal irritation. Nausea. Vomiting. Excessive secretion. Diarrhoea.

4.3 Indication of Any Immediate Medical Attention and Special Treatment Needed

Refer to section 4.1.

5. Fire Fighting Measures

Extinguishing Media	Product itself is not explosive or flammable. The product itself will not burn. If anything, packaging may be involved in a fire. Use CO^2, dry chemical powder, alcohol resistant foam or other media appropriate materials actually involved in the fire. If water is used, contain run-off.
Special Hazards	When heated sufficiently, product may decompose to form some and toxic fumes.
Special Protective Equipment	Fire fighters should wear approved self-contained breathing apparatus and full protective clothing.

6. Accidental Release Measures

Personal Precautions

Avoid contact with skin and eyes. For appropriate personal protection see section 8.

Environmental Precautions

Although this product is suitable for down the drain disposal it is advised that as much of the liquid is contained and absorbed with a suitable media, before final dispersal of any residue with water.

Methods and Material for Containment and Clean-Up

Prevent leakage into sewers or surface water by utilizing bunding, absorbent booms, drain covers and soiled or sand dikes. Contact appropriate environmental protection agencies, (Environment Agency in the UK) and local water authorities if significant contamination occurs.

For large and spills: pump/transfer spillage into suitable plastic containers and rework/dispose as per local legislation.

7. Handling and Storage

7.1 Precautions for Safe Handling

Avoid contact with neat product on skin and eyes. Wear protective clothing as per section 8.

7.2 Conditions for Safe Storage, including Any Incompatibilities

Storage Precautions Store in closed container in a cool and dry area.

8. Exposure Controls/Personal Protection

8.1 Control Parameters

Components with Critical Values that Require Monitoring at the Workplace
The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

Additional Information The list that were valid during the compilation were used as basis.

8.2 Exposure Controls

Personal Protective Equipment	Wear suitable protective clothing, gloves and eye/face protection.
General Protective and Hygienic Measures	Keep away from foodstuffs, beverages and food. Instantly remove any contaminated garments. Do not eat, drink or smoke while working. Avoid contact with the eyes and skin. Do not inhale aerosols. Wash hands during breaks and at the end of the work. Use skin protection cream for preventive skin protection.
Respiratory Protection	Not needed.
Hand Protection	For the contact with product protective gloves made from Nitrile (material thickness > 0.1mm, break through time > 480 min class 6) are recommended according to EN 374. In the case of longer and repeated contact please note that in practice the penetration times may be considerably shorter than those determined according to EN 374, The protective gloves must always be checked for their suitability for use at the specific workplace (e.g. mechanical and thermal stress, antistatic effects, etc.). The gloves must be replaced immediately at the first signs of wear and tear. We recommend to change single use protective gloves periodically and a hand care plan in cooperation with a glove manufacturer and the trade association in accordance with the local operating conditions.
Eye Protection:	Wear safety glasses/tight fitting goggles.

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9. Physical and Chemical Properties

Appearance	Coloured Liquid
Odour	Pleasant
pH (10% aqueous solution)	ca. 9
Melting Point	Not determined
Boiling Point	circa 110 °C
Flash Point	Not combustible
Evaporation Rate	Not determined
Flammability	Not combustible
Explosive Properties	Non-explosive
Oxidising Properties	Not determined
Vapour Pressure/Density	Not determined
Relative Density	ca. not determined
Water Solubility	Soluble
Partition Coefficient	Not determined
Auto Ignition Temperature	Not combustible
Decomposition Temperature	Not determined
Viscosity	Not determined

10. Stability and Reactivity

10.1 Reactivity

Stable under normal conditions.

10.2 Conditions to Avoid

None if used for intended purpose.

10.3 Incompatible Materials

Do not mix with other cleaning products unless advised to do so by a professional from the industry.

11. Toxicological Information

General Toxicological Information	The present product is a chemical preparation within the meaning of the chemicals act. The following evaluation has been made on the basis of the toxicological data and content by weight of the individual ingredients.
Acute Toxicity	Not toxic by dermal contact or inhalation. Acute oral toxicity LD50> 2000mg mg/kg body weight.
Irritation/Corrosivity	Irritating to the eyes. GHS: category 2. If irritant effects are seen, these will be depending on exposure.
Sensitisation	May provoke a sensitization reaction.
Repeated Dose Toxicity	Repeated exposure to low levels (e.g. on fabrics or diluted in washing water) will not cause adverse effects.
Carcinogenicity/Mutagenicity/Teratogenicity	Based on available data the classification criteria are not met.

12. Ecological Information

12.1 Toxicity

On the basis of raw materials and comparable substances contained in the product the following ecological evaluation is obtained.

Aquatic Toxicity This product is intended for wide dispersive use, is not considered harmful to aquatic organisms and is compatible with the down-the-drain route under normal terms of use.
Acute fish toxicity LC50 > 10 - <= 100mg product/l.
Acute bacterial toxicity EC50 > 100mg product/l.

12.2 Persistence and Degradability

The product has not been found to cause long-term adverse effects in the environment. The surfactants used in this product are biodegradable in line with the requirements of EU Detergent Regulation (EC) No 648/2004. Data to support this assertion are held at the disposal of the competent authorities of the Member States and will be available to them, at their direct request or at the request of a detergent manufacturer.

Primary Degradation According to the requirements of the EU Mandatory Standards for Detergents 82/242 (nonionic surfactants) and 82/243/EEC (anionic surfactants) the surfactants contained in the products are biodegradable to at least 90% on average.

Ultimate Biodegradation Readily and rapidly degradable. All organic substances contained in the product achieve > 60% BOD/COD or CO^2 liberation, or > 70% DOC reduction in test for ease of degradability. Threshold values for 'readily degradable' (e.g. to OECD method 301) are reached. GHS: no category.

The surfactant(s) contained 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. Method: Annex III, part A.

12.3 Bioaccumulative Potential

The surfactant ingredients of this product are not expect to bioaccumulate.

12.4 Mobility in Soil

Not determined.

Results of PBT and vPvB assessment Not available.

13. Disposal Considerations

13.1 Waste Treatment Methods

Recommendation	Disposal must be made according to official regulations.
Waste Disposal Key Number	According to local/national regulation.
European Waste Catalogue	Waste disposal key numbers from EWC have to be assigned depending on origin and processing.
Packaging Recommendation	Empty contaminated packaging thoroughly. They can be recycled after thorough and proper cleaning.
Recommended Cleaning Agent	Water

Consumer products ending up down the drain after use. Observe safe handling precaution and local legislation.

The product is not considered harmful to aquatic organisms nor to cause long-term adverse effects in the environment. The surfactants contained in this preparation comply with the biodegradability criteria as laid down in Regulation EC/648/2004 on detergents.

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14. Transport Information

UN Number	None
Classification	Not classified as hazardous for transport.
UN Proper Shipping Name	None
Transport Hazard Class	Not subject to ADR/IATA/IMDG/RID codes.
Packaging Group	None
Environmental Hazards	None
Special Precautions for User	None

15. Regulatory Information

15.1 Safety, Health and Environmental Regulations/Legislation Specific for the Substance or Mixture

EU-Regulations No REACH Annex XVII restrictions. Contains no substance on the REACH candidate list.

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.

15.1 National Regulations

No additional information available.

15.2 Chemical Safety Assessment

No chemical safety assessment has been carried out.

16. Other Information

Usage and handling instructions are not mentioned on this Material Safety Data Sheet. The labelling of the product is indicated in Section 2.2.

The full text of the R-, H- an EUH-phrases indicated in this safety data sheet are as follows:

R22 Harmful if swallowed.
R20/22 Harmful by inhalation and if swallowed.
R36/38 Irritating to eyes and skin.
R37/38 Irritating to respiratory system and skin.
R38 Irritating to skin.
R41 Risk of serious damage to eyes.
R42 May cause sensitization by inhalation.
R50 Very toxic to aquatic organisms.

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
Resp. Sens. 1	Respiratory sensitizing, Category 1
Skin Irrit. 2	Skin corrosion/irritation, Category 2
STOT SE 3	Specific target organ toxicity – single exposure, Category 3, Respiratory tract irritation

H302 Harmful if swallowed
H315 Causes skin irritation
H318 Causes serious eye damage
H319 Causes serious eye irritation
H332 Harmful if inhaled
H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled
H335 May cause respiratory irritation
H400 Very toxic to aquatic life.

The information given has been compiled with reference to the Chemicals (Hazard Information & Packaging For Supply) Regulations (CHIP4) 2009 as amended, the Registration, Evaluation, Authorisation & Restriction of Chemicals (REACH) Regulations, as amended, the Control of Substances Hazardous to Health Regulations (COSHH) 2002 on classification, labelling and packaging of substances and mixtures, amending and

repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006. This information also harmonises the provisions and criteria for the classification criteria and labelling rules of the GHS.

Legal Disclaimer The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.