



**SAFETY DATA SHEET**  
MER HIGH SHINE SHAMPOO

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Compilation date: 03/10/2012

Revision date: 19/10/2018

Revision No: 4

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

**1.1. Product identifier**

**Product name:** MER HIGH SHINE SHAMPOO

**Product code:** MASSH

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

**Use of substance / mixture:** PC35: Washing and cleaning products (including solvent based products).

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

**Company name:** Mer Products Ltd

Broadmeads

Ware

Hertfordshire

SG12 9HS

UK

**Tel:** +44 (0)1920 465041

**Fax:** +44(0)1920 466557

**Email:** technical@farecla.com

**1.4. Emergency telephone number**

**Emergency tel:** +44(0)1920 465041

8:30 - 16:30 (Monday to Friday)

**Section 2: Hazards identification**

**2.1. Classification of the substance or mixture**

**Classification under CLP:** Eye Dam. 1: H318; Aquatic Chronic 3: H412; Skin Irrit. 2: H315

**Most important adverse effects:** Causes skin irritation. Causes serious eye damage. Harmful to aquatic life with long lasting effects.

**2.2. Label elements**

**Label elements:**

**Hazard statements:** H315: Causes skin irritation.

H318: Causes serious eye damage.

H412: Harmful to aquatic life with long lasting effects.

**Hazard pictograms:** GHS05: Corrosion



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**Signal words:** Danger

**Precautionary statements:** P102: Keep out of reach of children.

P280: Wear protective gloves/protective clothing/eye protection/face protection.

P302+352: IF ON SKIN: Wash with plenty of water/soap.

P305+351+338: 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.

P321: Specific treatment (see instructions on this label).

**2.3. Other hazards**

**Other hazards:** Not applicable.

**PBT:** This product is not identified as a PBT/vPvB substance.

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

**3.2. Mixtures**

**Hazardous ingredients:**

ALCOHOLS, C12-14, ETHOXYLATED, SULFATES, SODIUM SALTS - REACH registered number(s): 01-2119488639-16-XXXX

EINECS	CAS	PBT / WEL	CLP Classification	Percent
500-234-8	68891-38-3	-	Skin Irrit. 2: H315; Eye Dam. 1: H318; Aquatic Chronic 3: H412	10-30%

AMIDES, C8-18 (EVEN NUMBERED) AND C18-UNSATD., N,N-BIS(HYDROXYETHYL) - REACH registered number(s): 01-2119490100-53-XXXX

931-329-6	68155-07-7	-	Skin Irrit. 2: H315; Eye Dam. 1: H318; Aquatic Chronic 2: H411	1-10%
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**Contains:** Alcohols, C12-14, ethoxylated, sulfates, sodium salts

Amides, C8-18 (even numbered) and C18-unsatd, N,N-bis(hydroxyethyl)

Contains amongst other ingredients:

5-15% Anionic Surfactants

Non-ionic surfactants, perfumes (Amyl Cinnamal), mixture of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1 mixture) <5%

**Section 4: First aid measures**

**4.1. Description of first aid measures**

**Skin contact:** Remove all contaminated clothes and footwear immediately unless stuck to skin. Wash immediately with plenty of soap and water.

**Eye contact:** Bathe the eye with running water for 15 minutes. Transfer to hospital for specialist examination.

**Ingestion:** Wash out mouth with water. Do not induce vomiting. If conscious, give half a litre of water to drink immediately. Consult a doctor.

[cont...]

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**Inhalation:** Remove casualty from exposure ensuring one's own safety whilst doing so.

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

**Skin contact:** There may be irritation and redness at the site of contact.

**Eye contact:** There may be pain and redness. The eyes may water profusely. There may be severe pain. The vision may become blurred. May cause permanent damage.

**Ingestion:** There may be soreness and redness of the mouth and throat. Nausea and stomach pain may occur.

**Inhalation:** There may be irritation of the throat with a feeling of tightness in the chest.

**Delayed / immediate effects:** Immediate effects can be expected after short-term exposure.

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

**Immediate / special treatment:** Eye bathing equipment should be available on the premises.

**Section 5: Fire-fighting measures**

**5.1. Extinguishing media**

**Extinguishing media:** Suitable extinguishing media for the surrounding fire should be used. Use water spray to cool containers.

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

**Exposure hazards:** In combustion emits toxic fumes.

**5.3. Advice for fire-fighters**

**Advice for fire-fighters:** Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

**Section 6: Accidental release measures**

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

**Personal precautions:** Mark out the contaminated area with signs and prevent access to unauthorised personnel. Do not attempt to take action without suitable protective clothing - see section 8 of SDS. Turn leaking containers leak-side up to prevent the escape of liquid.

**6.2. Environmental precautions**

**Environmental precautions:** Do not discharge into drains or rivers. Contain the spillage using bunding.

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

**Clean-up procedures:** Absorb into dry earth or sand. Transfer to a closable, labelled salvage container for disposal by an appropriate method.

**6.4. Reference to other sections**

**Reference to other sections:** Refer to section 8 of SDS.

**Section 7: Handling and storage**

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**7.1. Precautions for safe handling**

**Handling requirements:** Avoid direct contact with the substance. Ensure there is sufficient ventilation of the area.  
Avoid the formation or spread of mists in the air.

**7.2. Conditions for safe storage, including any incompatibilities**

**Storage conditions:** Store in a cool, well ventilated area. Keep container tightly closed.  
**Suitable packaging:** Polyethylene.

**7.3. Specific end use(s)**

**Specific end use(s):** No data available.

**Section 8: Exposure controls/personal protection**

**8.1. Control parameters**

**Workplace exposure limits:** No data available.

**DNEL/PNEC Values**

**Hazardous ingredients:**

**ALCOHOLS, C12-14, ETHOXYLATED, SULFATES, SODIUM SALTS**

Type	Exposure	Value	Population	Effect
DNEL	Dermal (repeated dose)	2750 mg/kg bw/day	Workers	Systemic
DNEL	Inhalation (repeated dose)	175 mg/m <sup>3</sup>	Workers	Systemic
PNEC	Fresh water	0.24 mg/l	-	-
PNEC	Intermittent releases	0.07 mg/l	-	-
PNEC	Marine water	0.024 mg/l	-	-
PNEC	Fresh water sediments	5.45 mg/kg sediment	-	-
PNEC	Marine sediments	0.545 mg/kg sediment	-	-
PNEC	Microorganisms in sewage treatment	10 g/l	-	-
PNEC	Soil (agricultural)	0.946 mg/kg soil dw	-	-

**8.2. Exposure controls**

**Engineering measures:** Ensure there is sufficient ventilation of the area.  
**Respiratory protection:** Self-contained breathing apparatus must be available in case of emergency.  
**Hand protection:** Protective gloves.  
**Eye protection:** Tightly fitting safety goggles. Ensure eye bath is to hand.  
**Skin protection:** Protective clothing.  
**Environmental:** No special requirement.

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**Section 9: Physical and chemical properties**

**9.1. Information on basic physical and chemical properties**

**State:** Liquid

**Colour:** Yellow

**Odour:** Pleasant

**Evaporation rate:** Negligible

**Oxidising:** Non-oxidising (by EC criteria)

**Solubility in water:** Miscible in all proportions

**Also soluble in:** Most organic solvents.

**Viscosity:** Viscous

**Boiling point/range °C:** 100

**Melting point/range °C:** Not Available

**Flammability limits %: lower:** Not Available

**upper:** Not Available

**Flash point °C:** >93

**Part.coeff. n-octanol/water:** Not Available

**Autoflammability °C:** Not Available

**Vapour pressure:** 23 hPa

**Relative density:** 1.026

**pH:** 7 - 8

**VOC g/l:** 0

**9.2. Other information**

**Other information:** Not applicable.

**Section 10: Stability and reactivity**

**10.1. Reactivity**

**Reactivity:** Stable under recommended transport or storage conditions.

**10.2. Chemical stability**

**Chemical stability:** Stable under normal conditions.

**10.3. Possibility of hazardous reactions**

**Hazardous reactions:** Hazardous reactions will not occur under normal transport or storage conditions.

Decomposition may occur on exposure to conditions or materials listed below.

**10.4. Conditions to avoid**

**Conditions to avoid:** Heat.

**10.5. Incompatible materials**

**Materials to avoid:** Strong oxidising agents. Strong acids.

**10.6. Hazardous decomposition products**

**Haz. decomp. products:** In combustion emits toxic fumes.

**Section 11: Toxicological information**

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**11.1. Information on toxicological effects**

**Hazardous ingredients:**

**ALCOHOLS, C12-14, ETHOXYLATED, SULFATES, SODIUM SALTS**

DERMAL	RAT	LD50	>2000	mg/kg
ORAL	RAT	LD50	4100	mg/kg

**Relevant hazards for product:**

Hazard	Route	Basis
Skin corrosion/irritation	DRM	Hazardous: calculated
Serious eye damage/irritation	OPT	Hazardous: calculated

**Symptoms / routes of exposure**

**Skin contact:** There may be irritation and redness at the site of contact.

**Eye contact:** There may be pain and redness. The eyes may water profusely. There may be severe pain. The vision may become blurred. May cause permanent damage.

**Ingestion:** There may be soreness and redness of the mouth and throat. Nausea and stomach pain may occur.

**Inhalation:** There may be irritation of the throat with a feeling of tightness in the chest.

**Delayed / immediate effects:** Immediate effects can be expected after short-term exposure.

**Other information:** Not applicable.

**Section 12: Ecological information**

**12.1. Toxicity**

**Hazardous ingredients:**

**ALCOHOLS, C12-14, ETHOXYLATED, SULFATES, SODIUM SALTS**

ALGAE	96H ErC50	7.5	mg/l
Daphnia magna	48H EC50	7.2	mg/l
FISH	96H LC50	7.1	mg/l

**AMIDES, C8-18 (EVEN NUMBERED) AND C18-UNSATD., N,N-BIS(HYDROXYETHYL)**

ALGAE	72H ErC50	18.6	mg/l
DAPHNIA	48H EC50	3.2	mg/l
FISH	96H LC50	2.4	mg/l

**12.2. Persistence and degradability**

**Persistence and degradability:** Biodegradable.

**12.3. Bioaccumulative potential**

**Bioaccumulative potential:** No bioaccumulation potential.

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**12.4. Mobility in soil**

**Mobility:** Readily absorbed into soil.

**12.5. Results of PBT and vPvB assessment**

**PBT identification:** This product is not identified as a PBT/vPvB substance.

**12.6. Other adverse effects**

**Other adverse effects:** Harmful to aquatic organisms.

**Section 13: Disposal considerations**

**13.1. Waste treatment methods**

**Disposal operations:** Transfer to a suitable container and arrange for collection by specialised disposal company.

**Recovery operations:** Not applicable.

**Disposal of packaging:** Not applicable.

**NB:** The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

**Section 14: Transport information**

**Transport class:** This product does not require a classification for transport.

**Section 15: Regulatory information**

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

**Specific regulations:** EU Legislation Regulation (EC) No 1907/2006 REACH. Regulation (EC) No 1272/2008 CLP. The surfactant(s) contained in this preparation complies (comply) with the biodegradability criteria as laid down in Regulation (EC) No. 648/2004 on detergents.

**15.2. Chemical Safety Assessment**

**Chemical safety assessment:** A chemical safety assessment has not been carried out for the substance or the mixture by the supplier.

**Section 16: Other information**

**Other information**

**Other information:** This safety data sheet is prepared in accordance with Commission Regulation (EU) No 2015/830.

\* indicates text in the SDS which has changed since the last revision.

**Phrases used in s.2 and s.3:** H315: Causes skin irritation.

H318: Causes serious eye damage.

H411: Toxic to aquatic life with long lasting effects.

H412: Harmful to aquatic life with long lasting effects.

**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.

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