

## Harringtons Metal Polish Wadding Safety Data Sheet

### 1. Identification of the substance/ mixture and of the company/undertaking

- 1.1 Product: Harringtons Metal Polish Wadding  
 1.2 Use of the preparation: For Polishing Metal Surfaces  
 1.3 Company: MPM Consumer Products Ltd  
 33 Croft Street  
 Clayton  
 Manchester  
 M11 4RQ  
 Tel: (0161)2316111 Fax: (0161)231 7100  
 www.mpmconsumerproducts.com  
 1.4 Emergency Telephone: (0161) 231 6111 (office hours only)

### 2. Hazards Identification

2.1 Classification of the substance or mixture

Classification

**Physical Hazards:-** Flam Liq. 3 – H226

**Health Hazards:-** Elicitation – EUH066, EUH208.

**Environmental Hazards-** Not classified

2.2 Label elements

Pictogram



**Signal word**

Warning

**Hazard statements**

H226 Flammable liquid and vapour.  
 EUH066 Repeated exposure may cause skin dryness or cracking.  
 EUH208 Contains Methylchloroisothiazolinone/ Methyisothiazolinone. May produce allergic reaction

**Precautionary statements**

P102 Keep out of reach of children  
 P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources.  
 No smoking.  
 P260 Do not breathe the spray.  
 P270 Not eat, drink or smoke when using this product  
 P271: Use only outdoors or in a well-ventilated area.  
 P403+P233: Store in a well-ventilated place. Keep container tightly closed.  
 P405: Store locked up.  
 P501 Dispose of contents/container in accordance with local requirements for domestic waste disposal  
 P301+P310: IF SWALLOWED: Immediately call a POISON CENTER/doctor/...  
 P331: Do NOT induce vomiting.  
 P302 + P352 IF ON SKIN: wash with plenty of soap and water

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P332 + P313 If skin irritation occurs: Get medical advice/ attention  
 P304+P340: IF INHALED: Remove person to fresh air and keep comfortable for breathing.

**Detergent labelling** 5-15% Aliphatic, <5% Soaps, also contains Perfume, Methylisothiazolinone, Methylchloroisothiazolinone  
 2.3 Other hazards  
 This product does not contain any substances classified as PBT or vPvB

### 3. Composition/ Information on Ingredients

#### 3.2 Mixtures

<b>Hydrocarbons, C9-C12, n-alkanes, isoalkanes, cyclics, aromatics (2-25%)</b>	<b>1 - &lt;10.0%</b>
EC no: EC-No. : 919-446-0 Registration : 01-2119458049-33-xxxx	
<b>Classification</b> Flam. Liq.3-H226 STOT SE3 – H336 STOT RE1 – H372 Asp. Tox.1 - H304 Aquatic Chronic 2 – H411	<b>Classification (67/548/EEC or 1999/45/EC)</b> R10, Xn:R48/20, R65, R66, N: R51/53
<b>Sodium Castorate</b>	<b>0.10 - &lt;1.0%</b>
CAS no: 8013-06-7 EC no: 232-390-5	
<b>Classification</b> Eye Irrit.2 - H319	<b>Classification (67/548/EEC or 1999/45/EC)</b> Xi R36
<b>Ammonia</b>	<b>0.10 - &lt;0.50%</b>
CAS no: 1336-21-6 EC-no. : 215-647-6 Registration : 01-2119488876-14-xxxx	
<b>Classification</b> Skin Corr.1B – H314 Aquatic Acute1 – H400 STOT SE3 –H335	<b>Classification (67/548/EEC or 1999/45/EC)</b> C: R34, N: R50
<b>Mixture of 5-Chloro-2-methyl-4-isothiazolin-3-one and 2-methyl-2H-isothiazol-3-one</b>	<b>&lt;0.025%</b>
CAS no: 55965-84-9 EC no: 611-341-5 M factor (Acute)=1	
<b>Classification</b> Acute Tox. 3 – H301 Acute Tox. 3 – H311 Acute Tox 3 – H331 Skin Corr 1B – H314 Aquatic Acute 1 – H400 Aquatic Chronic 1 – H410 Skin Sens. 1A – H317	<b>Classification (67/548/EEC or 1999/45/EC)</b> T: R23/R24/25, C: R34, Xi: R43, N:R50/53

The full text for all R- Phrases and Hazard Statements are Displayed in section 16

### 4. First Aid Measures

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### 4.1. Description of first aid measures

- Inhalation:** Move the exposed person to fresh air at once. Rinse nose and mouth with water. Get medical attention if any discomfort continues.
- Ingestion:** Rinse mouth out with water and drink copious amounts of water. Do not induce vomiting. If symptoms persist seek medical advice.
- Skin contact:** Remove affected person from source of contamination. Remove contaminated clothing. Wash the skin immediately with soap and water. Get medical attention if any discomfort continues.
- Eye contact:** Remove victim immediately from source of exposure. Make sure to remove any contact lenses from the eyes before rinsing. Promptly wash eyes with plenty of water while lifting the eye lids. Continue to rinse for at least 15 minutes and get medical attention.

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

- Inhalation:** Not expected to be irritating to the respiratory system. Not volatile therefore limited inhalation exposure anticipated
- Ingestion:** May cause mild stomach upset
- Skin contact:** May cause skin irritation & sensitisation or allergic reactions in sensitive individuals
- Eye contact:** May cause severe irritation to eyes.

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

No recommendation given, but first aid may still be required in case of accidental exposure, inhalation or ingestion of this chemical. If in doubt, GET MEDICAL ATTENTION PROMPTLY!

## 5. Fire Fighting Measures

### 5.1. Extinguishing media

- Extinguishing media :** Use fire-extinguishing media appropriate for surrounding materials.
- Unsuitable extinguishing media:** Do not use water jet as an extinguisher, as this will spread the fire

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

- Specific hazards:** No specific firefighting precautions applicable when small quantities are involved in the fire
- Hazardous combustion products:** Carbon dioxide (CO<sub>2</sub>). Carbon monoxide (CO). Nitrous gases(NO<sub>x</sub>). Oxides of sulphur

### 5.3. Advice for firefighters

- Protective equipment for fire-firefighters:** Self-contained breathing apparatus and full protective clothing must be worn in case of fire.

## 6. Accidental Release Measures

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

- Personal precautions :** Take care as floors and other surfaces may become slippery.

### 6.2. Environmental precautions

- Environmental precautions:** Large Spillages - Do not discharge into drains or watercourses or onto the ground.

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

- Methods for cleaning up:** Take care as floors and other surfaces may become slippery. Large Spillages: Absorb spillage with suitable absorbent material. Flush contaminated area with plenty of water. Wash thoroughly after dealing with a spillage. For waste disposal, see Section 13.

### 6.4. Reference to other sections

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**Reference to other sections:** See Section 11 for additional information on health hazards. See Section 12 for additional information on ecological hazards. For waste disposal, see Section 13.

**7. Handling and Storage**

7.1. Precautions for safe handling

**Usage precautions:** Read and follow manufacturer's recommendations on label. Handle all packages and containers carefully to minimise spills. Keep container tightly sealed when not in use.

**Advice on general occupational hygiene:** Remove contaminated clothing and protective equipment before entering eating areas. Wash at the end of each work shift and before eating, smoking and using the toilet.

7.2. Conditions for safe storage, including any incompatibilities

**Storage precautions :** Store in tightly-closed, original container. Store upright in a cool , safe place away from direct sunlight.

7.3. Specific end use(s)

**Specific end use(s):** As stated in Section 1.2.

**8. Exposure controls/ Personal Protection**

8.1. Control parameters

**Hydrocarbons, C9-C12, n-alkanes, isoalkanes, cyclics, aromatics (2-25%)**

Derived No Effect Level (DNEL)/Derived Minimal Effect Level (DMEL)

Workers, Long-term - systemic effects, Inhalation : 330 mg/m<sup>3</sup>

Workers, Long-term - systemic effects, Skin contact : 44 mg/kg bw/day

Consumers, Long-term - systemic effects, Inhalation : 71 mg/m<sup>3</sup>

Consumers, Long-term - systemic effects, Skin contact : 26 mg/kg bw/day

Consumers, Long-term - systemic effects, Ingestion : 26 mg/kg bw/day

**Ammonia**

Derived No Effect Level (DNEL)

Workers, Acute & Long term - systemic effects, Skin contact : 6.8 mg/kg bw/day

Workers, Acute - systemic effects, Inhalation : 47.6 mg/m<sup>3</sup>

Workers, Acute - local effects, Inhalation : 36 mg/m<sup>3</sup>

Workers, Long-term - systemic effects, Inhalation : 47.6 mg/m<sup>3</sup>

Workers, Long-term - local effects, Inhalation : 14 mg/m<sup>3</sup>

Predicted No Effect Concentration (PNEC)

Fresh water : 0.0011 mg/l

Marine water : 0.0011 mg/l

Intermittent releases : 0.0068 mg/l

Other Occupational Exposure Limit Values

EH40 WEL, Time Weighted Average (TWA): 25 ppm, 18 mg/m<sup>3</sup>

EH40 WEL, Short Term Exposure Limit (STEL): 35 ppm, 25 mg/m<sup>3</sup>

**Sodium Hydroxide**

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Short term exposure limit (15 mins) WEL 2mg/m3

### 8.2. Exposure controls

#### Appropriate engineering

Provide adequate ventilation. Observe any occupational exposure limits for the product or ingredients.

**Eye/face protection** Eyewear complying with an approved standard should be worn if a risk assessment indicates eye contact is possible. Personal protective equipment for eye and face protection should comply with European Standard EN166.

#### Hand protection

Protective gloves should be used if there is a risk of direct contact or splash. Neoprene, nitrile, polyethylene or PVC. EN 388

#### Other skin and body protection

Wear appropriate clothing to prevent repeated or prolonged skin contact.

#### Hygiene measures

When using do not eat, drink or smoke. Wash hands thoroughly after handling. Wash at the end of each work shift and before eating, smoking and using the toilet.

#### Respiratory protection

If ventilation is inadequate, suitable respiratory protection must be worn.

#### Environmental exposure controls

Keep container tightly sealed when not in use. Provide adequate ventilation. Observe any occupational exposure limits for the product or ingredients.

## 9. Physical and Chemical Properties

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

<b>Appearance:</b>	Opaque liquid.
<b>Colour:</b>	Beige
<b>Odour:</b>	Characteristic Ammonia Odour.
<b>Odour Threshold:</b>	Not available.
<b>pH:</b>	>7.0
<b>Melting point :</b>	Not available
<b>Initial boiling point and range :</b>	Not available
<b>Flash point:</b>	Not available.
<b>Evaporation rate:</b>	Not available.
<b>Evaporation factor:</b>	Not available.
<b>Vapour pressure:</b>	Not available.
<b>Vapour density:</b>	Not available.
<b>Relative density:</b>	0.95-1.02 @ 20°C
<b>Bulk density:</b>	Not available.
<b>Solubility (ies):</b>	Soluble in water.
<b>Partition coefficient:</b>	Not available.
<b>Explosive properties:</b>	Not considered to be explosive.
<b>Oxidising properties:</b>	Does not meet the criteria for classification as oxidising.

### 9.2 Other Information

**Other Information :** No information required

## 10. Stability and Reactivity

### 10.1. Reactivity

See the other subsections of this section for further details.

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10.2. Chemical stability

**Stability:** Stable at normal ambient temperatures and when used as recommended.

10.3. Possibility of hazardous reactions

No specific material or group of materials is likely to react with the product to produce a hazardous situation.

10.4. Conditions to avoid

Avoid excessive heat for prolonged periods of time.

10.5. Incompatible materials

**Materials to avoid:** No specific material or group of materials is likely to react with the product to produce a hazardous situation.

10.6. Hazardous decomposition products

Does not decompose when used and stored as recommended.

**11. Toxicological Information**

**11.1. Information on toxicological effects**

**Acute toxicity - oral**

Based on available data the classification criteria are not met.

**Acute toxicity - dermal**

Based on available data the classification criteria are not met.

**Acute toxicity - inhalation**

Based on available data the classification criteria are not met.

**Skin corrosion/irritation**

**Animal data**

Based on available data the classification criteria are not met

**Serious eye damage/ irritation**

Causes eyes irritation.

**Respiratory sensitisation**

Based on available data the classification criteria are not met.

**Skin sensitisation**

Based on available data the classification criteria are not met.

**Germ cell mutagenicity**

**Genotoxicity - in vitro**

Based on available data the classification criteria are not met.

**Carcinogenicity**

Based on available data the classification criteria are not met.

**Reproductive toxicity**

**Reproductive toxicity - fertility**

Based on available data the classification criteria are not met.

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**Reproductive toxicity - development**

Based on available data the classification criteria are not met.

**Specific target organ toxicity - single exposure**

**STOT - single exposure**

Based on available data the classification criteria are not met.

**Specific target organ toxicity - repeated exposure**

**STOT - repeated exposure**

Based on available data the classification criteria are not met.

**Aspiration hazard**

Based on available data the classification criteria are not met.

**Toxicological information on ingredients.**

**Hydrocarbons, C9-C12, n-alkanes, isoalkanes, cyclics, aromatics (2-25%)**

**Acute toxicity - oral**

**Acute toxicity oral (LD50 mg/kg) >15000**

**Species** Rat

Raw material suppliers' information. Based on available data the classification criteria are not met.

**Acute toxicity - dermal**

**Acute toxicity dermal (LD50 mg/kg) >3400**

**Species** Rat

Raw material suppliers' information. Based on available data the classification criteria are not met.

**Acute toxicity - inhalation**

**Acute toxicity inhalation (LC50 mg/l, 4 hrs) >13100**

**Species** Rat

Raw material suppliers' information. Based on available data the classification criteria are not met.

**Ammonia**

No data available on acute toxicity

**Skin Corrosion/Irritation** Corrosive effects (rabbit) (OECD Test Guideline 404)

**Serious eye damage/ irritation** Severe eye irritation (rabbit). Risk of serious damage to eyes.

**STOT SE** May cause respiratory irritation.

**STOT RE** The substance or mixture is not classified as specific target organ toxicant, repeated exposure.

Based on Raw material supplier information

**5-Chloro-2-methyl-4-isothiazolin-3-one and 2-methyl-2H-isothiazol-3-one**

**Acute toxicity - oral**

**Acute toxicity oral (LD50 mg/kg) 4467** Based on available data the classification criteria are not met

**Species** Rat

**Acute toxicity - dermal**

**Acute toxicity dermal (LD50 mg/kg) >5000** Based on available data the classification criteria are not met

**Species** Rat

**Skin Corrosion/Irritation** Causes caustic effect on skin and mucous membrane

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**Serious eye damage/ irritation** Cause serious eye damage  
**Skin Sensitisation** Sensitization by skin contact

**12. Ecological Information**

12.1. Toxicity

Harmful to aquatic life with long lasting effects. Large or frequent spills may have an adverse effect on the environment

**Ecological information on ingredients.**

**Hydrocarbons, C9-C12, n-alkanes, isoalkanes, cyclics, aromatics (2-25%)**

No data available REACH Dossier – get infor Fish 96Hrs 10-30mg/l

**Ammonia**

Fish	LC50, 96hrs	0.89mg/l
Daphnia magna	EC50, 48hrs	24mg/l

**5-Chloro-2-methyl-4-isothiazolin-3-one and 2-methyl-2H-isothiazol-3-one**

Fish (rainbow trout)	EC50, 96hrs	14.6mg/l
Daphina	EC 50, 48hrs	6.7mg/l
Alga (Pseudokirchneriella subcapitata)	EC 50, 72hrs	3.2mg/l

12.2. Persistence and degradability

Persistence and degradability

The surfactant(s) contained in this product complies (comply) with the biodegradability criteria as laid down in Regulation (EC) No. 648/2004 on detergents.

**Ecological information on ingredients.**

**Hydrocarbons, C9-C12, n-alkanes, isoalkanes, cyclics, aromatics (2-25%)**

**Biodegradability** 75 % (Exposure Time: 28 d)(OECD Test Guideline 301F). Not readily biodegradable.

**Ammonia**

**Persistence and degradability** The product is readily biodegradable.

**5-Chloro-2-methyl-4-isothiazolin-3-one and 2-methyl-2H-isothiazol-3-one**

**Persistence and degradability** The product is not readily biodegradable.

12.3. Bioaccumulative potential

Product is not expected to bioaccumulate

**Ecological information on ingredients.**

**Hydrocarbons, C9-C12, n-alkanes, isoalkanes, cyclics, aromatics (2-25%)**

No data available

**Ammonia**

Bioaccumulation is not expected. log Pow < 1

**5-Chloro-2-methyl-4-isothiazolin-3-one and 2-methyl-2H-isothiazol-3-one**

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**Log Kow** -0.71: +0.75 (n-Octanol/ water)      **BCF** 3.6 (calculated)

12.4 Mobility in soil  
The product is soluble in water

**Ecological information on ingredients.**

Hydrocarbons, C9-C12, n-alkanes, isoalkanes, cyclics, aromatics (2-25%)

Surface Tension 0.02 mN/m (25 °C)

Ammonia

The product is mobile in water environment.

5-Chloro-2-methyl-4-isothiazolin-3-one and 2-methyl-2H-isothiazol-3-one

No data available

12.5 Results of PBT and vPvB assessment  
This product does not contain any substances classified as PBT or vPvB

12.6 Other adverse effects  
None known

**13. Disposal Considerations**

13.1. Waste treatment methods

**General information**

**Disposal methods :** Dispose of contents/container in accordance with national regulations

**14. Transport Information**

**General** The product is not covered by international regulations on the transport of dangerous goods (IMDG, IATA, ADR/RID).

14.1. **UN number :** Not applicable.

14.2. **UN proper shipping name:** Not applicable.

14.3. **Transport hazard class(es):** No transport warning sign required.

14.4. **Packing group:** Not applicable.

14.5. **Environmental hazards:**

Environmentally hazardous substance/marine pollutant: No.

14.6. **Special precautions for user:** Not applicable.

14.7. **Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code :** Not applicable.

**15. Regulatory Information**

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

**National regulations**

EH40/2005 Workplace exposure limits. The Chemical (Hazard Information and Packaging for Supply) Regulation 2009 (SI 2009 No. 716)

**EU legislation**

- Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification,

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labelling and packaging of substances and mixtures (as amended).

- Regulation (EC) No. 1907/2006 of the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH)
- Regulation (EC) No. 648/2004 of the European Parliament and of the Council of 31st March 2004 on detergents.

15.2 Chemical safety assessment:

No Chemical Safety Assessment has been carried out.

### 16. Other Information

**Revision Comments** Format and content change to conform Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures (as amended)

**Revision Date** 28.7.2015

**Revision** 04

**Risk Phrases In Full**

R10 Flammable  
 R23/24/25 Toxic by inhalation, in contact with skin and if swallowed  
 R34 Causes burns  
 R36 Irritating to eyes  
 R43 May cause sensitisation by skin contact  
 R48/20 Harmful: danger of serious damage to health by prolonged exposure through inhalation  
 R50 Very toxic to aquatic organisms  
 R50/53 Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment  
 R51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment  
 R65 Harmful: may cause lung damage if swallowed  
 R66 Repeated exposure may cause skin dryness or cracking

**Hazard Statements In Full**

H226 Flammable liquid and vapour  
 H301 Toxic if swallowed  
 H304 May be fatal if swallowed and enters airways  
 H311 Toxic in contact with skin  
 H314 Causes severe burns and eye damage  
 H317 May cause an allergic skin reaction  
 H319 Causes serious eye irritation  
 H331 Toxic if inhaled  
 H335 May cause respiratory irritation  
 H336 May cause drowsiness or dizziness  
 H372 Causes damage to organs through prolonged or repeated exposure  
 H400 Very toxic to aquatic life  
 H410 Very toxic to aquatic life with long lasting effects  
 H411 Toxic to aquatic life with long lasting effects

**Disclaimer**

The information contained in this data sheet is, to the best of our knowledge and belief, accurate and is based upon our technical knowledge of the product and the date of issue. No warranty or representation, express or implied, is made as to its accuracy, reliability or completeness. MPM Consumer Products Ltd will not be responsible for any damage or injury resulting from any

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inherent hazard of the material, the abnormal use of the material or from failure to adhere to recommendation