

## 1. IDENTIFICATION OF THE PREPARATION AND THE COMPANY IDENTIFICATION.

**Trade Name:**

BRASSO Liquid Metal Polish

**Product Format:**

Liquid

**Product Use:**

Metal Polish

**Supplier in UK**

Reckitt Benckiser (Household) Ltd  
Delta Business Park  
1200 Welton Road  
Swindon  
Wiltshire  
SN5 7XZ

tel: 0845 7697079

**Distributor In Republic Of Ireland:**

Reckitt Benckiser Ireland Ltd  
7 Riverwalk  
Citywest Business Campus  
Dublin 24  
Ireland

tel: 01 661 7318

**Date Issued**

15<sup>th</sup> April 08

**Reference**

21112 - SD EU v5

**Issue**

1

**Changes**

New product

## 2. HAZARDS IDENTIFICATION.

<b>Main Hazards (finished product)</b>	Following European dangerous preparations directive (1999/45/EC) this preparation is classified as dangerous: Flammable Toxic to aquatic organisms, may cause long term effects in the aquatic environment.
<b>Eye Contact</b>	Contact with eyes may cause irritation and conjunctivitis
<b>Skin contact</b>	Repeated or prolonged exposure may cause defatting of skin leading to irritation and dermatitis.
<b>Inhalation</b>	Repeated and prolonged exposure to high concentrations of vapour may result in central nervous system damage. When vapour pressure is low there are no adverse effects.
<b>Ingestion</b>	Do not induce vomiting. Seek medical attention.

## 3. COMPOSITION/INFORMATION ON INGREDIENTS.

**Components in Product for EC**

Component Name	EG-Number	CAS-Number	Registration Number	Concentration	R Phrases	Classification
White Spirit	265-185-4	64742-82-1	not available	50-75%	R10, R65, R66, R67, R51/53	Xn, N
Ammonium hydroxide	215-647-6	001336-21-6	not available	1-5%	R34, R50	C, N

## 4. FIRST-AID MEASURES.

<b>Immediate medical attention</b>	In case of contact with eyes immediate medical attention is recommended.
<b>First Aid – Eyes</b>	Rinse thoroughly with copious amounts of water. If in any doubt, obtain medical attention.
<b>First Aid – Ingestion</b>	Do not induce vomiting. Seek medical attention.
<b>First Aid – Inhalation</b>	Move victim to fresh air and keep in rest. If in doubt, obtain medical attention.
<b>First Aid – Skin</b>	Wash affected areas thoroughly with water, using soap

## 5. FIRE-FIGHTING MEASURES.

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Extinguishing Media	Use a dry chemical, alcohol resistant foam, water spray. DO NOT USE WATER JET.
Protective Equipment for Fire-Fighting	No special requirements.

## 6. ACCIDENTAL RELEASE MEASURES.

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Precautions	Remove all sources of ignition and, if possible, ventilate the area.
Environmental Precautions	Try to prevent the material from entering drains or water courses.
Spillages	Small spillages - up to 1 litre, may be cleaned up with a mop or absorbent cloth. Medium spillages - up to 5 litres may be absorbed into sand, earth or other inert material and transferred to a suitable container for subsequent disposal. Larger spillages - Contain with sand, earth or other inert material. Do not pump or release to drain. Do not contaminate watercourses or ground. If necessary pump to a safe place. Consult your local Water Authority, Environmental Protection Agency, local council or an expert for advice on disposal.

## 7. HANDLING AND STORAGE.

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**Handling** Wear suitable gloves if long or repeated exposure to the product is anticipated.

**Storage** Store in cool, dry frost free place away from sources of ignition and out of Reach of children

## 8. EXPOSURE CONTROLS AND PERSONAL PROTECTION.

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Occupational Exposure Limits:	The following limits are taken from the UK Document EH40 Occupational Exposure limits. This product contains white spirit which has an Occupational Exposure Limit of : OELsol 600mg/m <sup>3</sup> (8 hour Time Weighted Average)
Engineering Controls	Avoid contact with skin and eyes. Do not breath fumes.
Eye Protection	None necessary under normal working conditions
Hand Protection	Wear rubber gloves if exposure is likely to be prolonged
Skin Protection	Wear an apron or coveralls if exposure is likely to be prolonged
Respiratory Protection	None necessary under normal working conditions

## 9. PHYSICAL AND CHEMICAL PROPERTIES.

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Physical State	Viscous liquid
Flash Point of Contents	38-45°C
Odour	Ammonical
pH	11

## 10. STABILITY AND REACTIVITY.

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Stability	Stable under normal conditions. No unusual reactivity.
Conditions to Avoid	Protect from sources of ignition.
Hazardous Decomposition Products	Incomplete combustion produces toxic gases
Materials to Avoid	Strong oxidising agents.

## 11. TOXICOLOGICAL INFORMATION.

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Inhalation	Vapour concentrations above recommended exposure limits are irritating to the eyes and respiratory tract, may cause headaches and dizziness, are anaesthetic and may have other central nervous system effects.
Skin contact	Low order of toxicity, frequent or prolonged contact may cause defatting of skin, irritation and dermatitis.
Eye contact	Irritating but does not injure eye tissue.
Ingestion	Minimal toxicity. The viscosity of this preparation mitigates the risk of aspiration into the respiratory system during ingestion or vomiting.

## 12. ECOLOGICAL INFORMATION.

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General Remarks	The surfactants incorporated are compliant with EU detergent Regulation 648/2004/EC requirements for ultimate biodegradability.
Toxicity to aquatic organism	<p>This product contains 50-75% white spirit which is highly volatile and will rapidly evaporate to the air if released into the environment. Based upon data for similar materials white spirit is classified as R51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.</p> <p>White spirit is expected to biodegrade rapidly and be "readily" biodegradable according to OECD guidelines. It can degrade rapidly in air and is expected to be removed in a waste water treatment facility.</p> <p>Although data exists to show that white spirit is not expected to persist in the aquatic environment, European Classification rules require that it be classified as potentially causing long-term adverse effects in the aquatic environment.</p>

## 13. DISPOSAL CONSIDERATIONS.

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Product Disposal	Containers can be disposed of in accordance with all applicable local, regional and national requirements. Operators should be informed that the product contains white spirit. For further information contact your local waste authority.
Container Disposal	Containers may be disposed of by consumers in the normal domestic waste stream.

**14. TRANSPORT INFORMATION.**

UN Number	UN1300
DOT	Classification: Proper Shipping Name : Subsidiary Risk: Packing Group: DOT RQ (lbs): ERG NO:
TDG (Canada):	Classification: Proper Shipping Name: Status: Packing Group:
MDG/IMO	<b>Classification</b> <b>Proper Shipping Name :</b> Turpentine Substitute <b>Class:</b> 3 <b>Subsidiary Risk:</b> not applicable <b>Packing Group:</b> III <b>MDG Page ???</b> <b>Marine Pollutant:</b> YES <b>EMS:</b> F-E, S-E <b>MFAG:</b> obsolete <b>Limited Quantity:</b> 5L inner packaging, 30 Kg gross weight / combined packaging 20 Kg gross weight / Tray <b>Special Provisions:</b> none <b>Stowage and segregation:</b> <b>Remarks:</b>
ADR/RID	<b>Proper Shipping Name :</b> Turpentine Substitute <b>Class:</b> 3 <b>Subsidiary Risk:</b> not applicable <b>Packing Group:</b> III
	<b>ADR/RID Labels:</b> 3 (if not LQ) <b>HIN:</b> 30 <b>CEPIC Tremcard No:</b> ??? <b>Limited Quantity:</b> LQ7 5L inner packaging, 30 Kg gross weight / combined packaging 20 Kg gross weight / Tray <b>Special Provisions:</b> none
ICAO/IATA	<b>Proper Shipping Name :</b> Turpentine Substitute <b>Class:</b> 3 <b>Subsidiary Risk:</b> not applicable <b>Packing Group:</b> III <b>Maximum Quantity:</b> LTD QTY:            packaging instruction Y309: 5,0L inner packaging (plastic) max. 10 L/ packaging Single packaging is not allowed  <b>PAX:</b> packaging instruction 309: 10L inner packaging (plastic) max 60 L/ packaging Single packagings and combination packagings are allowed <b>CAO:</b> packaging instruction 310: Combination packaging: 10L inner packaging (plastic) max. 220 L/ packaging Single packagings and combination packagings are allowed

**Remarks: Requirements from States or airlines may differ**

## 15. REGULATORY INFORMATION.

Labelling Information	 Dangerous for the Environment
R phrases	R10 Flammable
S phrases	R67 Vapours may cause drowsiness and dizziness R51/53 Toxic to aquatic organisms, may cause long term effects in the aquatic environment. S2 Keep out of reach of children S46 If swallowed seek medical advice immediately and show this container or label S61 Avoid release into the environment.
Additional S-phase on safe disposal	Do not use near fire or flame.
Further information	Contains: >30% Aliphatic Hydrocarbons - 5 - 15% Aromatic Hydrocarbons - <5% Soap For ingredients: <a href="http://www.rbeuroinfo.com">www.rbeuroinfo.com</a>
Recommendation for disposal of packaging	Packaging to be recycled only if emptied completely
EC Annex I Classification	N, Dangerous for the environment
Classification following	1999/45/EC 648/2004/EC
Chemical safety assessment following regulation 1907/2006/EC	Not relevant, therefore no annex to this document

## 16. OTHER INFORMATION.

Safety data sheet following regulation 1907/2006/EC, Annex II	
MSDS first issued 14/02/08	
MSDS data revised 14/02/08	
Reason for revision Update due to 1907/2006/EC, annex II, replacing all previous releases	
Explanation of Risk phrases and symbol dedicated to ingredients (see section 2)	
-No riskphrase required.	
R10	Flammable
R34	Causes burns
R50	Very toxic to aquatic organisms
R65	Harmful: May cause lung damage if swallowed
R66	Repeated exposure may cause skin dryness or cracking
R67	Vapours may cause drowsiness and dizziness
R51/53	Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

This document complements the technical usage instructions but does not replace them. The information contained herein is based on our best current knowledge of the product concerned, and is given in good faith. The attention of recipients is drawn to (amongst other things) the element of risk consequent to use of the product other than that for which it was intended.

In no way does this document remove the need of the recipient of the product to fully understand and apply statutory requirements. It is the recipient's sole responsibility to take due precautions relative to the use made of the product. All information contained herein is only to assist the recipient in fulfilling their statutory duty connected with the use of hazardous materials.

This list of information must not be considered as exhaustive, and does not exonerate the recipient from taking other precautions described in documents other than those mentioned, concerning the storage and use of the product, for which they remain the sole person responsible.