



## **PRODUCT SAFETY DATA SHEET**

### **1. PRODUCT AND COMPANY IDENTIFICATION**

#### **1.1 Identification of Substance or Preparation**

**Trade Name:** Brasso Metal Polish

**Preparation Name** Brasso Metal Polish

**Product Format** Liquid in a metal tin

#### **1.2 Use of the substance / preparation:**

Cleaning of household items of brass, copper tin and chrome.

#### **1.3 Company / Supplier Identification**

Reckitt Benckiser UK  
Delta Business Park  
1200 Welton Road  
Swindon  
Wiltshire  
SN5 7XZ

Tel: +44 (0)8457 697079

##### **1.3.1 Distributor In Republic Of Ireland:**

F A Wyatt  
Unit 9  
Keypoint Business Park  
Ballycoolin Road  
Blanchards Town  
Dublin 11

Tel: +353 (0) 166 173 18

## 2. COMPOSITION

The product contains the following components

50-75% White Spirit     R10, Xi: R38, Xn: R65, R67, N: R51/53     CAS No.: 64742-82-1     EINECS: 265-185-4

1-5%     NH<sub>4</sub> Hydroxide     C: R34, N: R50     CAS No.: 001336-21-6     EINECS: 215-647-6

Key to R phrases:

R10	Flammable
R34	Causes burns
R38	Irritating to skin
R50	Very toxic to aquatic organisms
R65	Harmful: May cause lung damage if swallowed
R67	Vapours may cause drowsiness and dizziness
N: R51/53	Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

## 3. HAZARDS IDENTIFICATION

### 3.1 Eye Contact

Contact with eyes may cause irritation and conjunctivitis

### 3.2 Skin Contact

Repeated or prolonged exposure may cause defatting of skin leading to irritation and dermatitis

### 3.3 Inhalation

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.

### 3.4 Ingestion

Do not induce vomiting. Seek medical attention.

## 4. FIRST- AID MEASURES

### 4.1 Eye Contact

Rinse thoroughly with copious amounts of water. If in any doubt, obtain medical attention.

### 4.2 Skin Contact

Wash affected areas thoroughly with water, using soap.

### 4.3 Inhalation

Move victim to fresh air and keep in rest. If in doubt, obtain medical attention.

### 4.4 Ingestion

Do not induce vomiting. Seek medical attention.

## 5. FIRE- FIGHTING MEASURES

### 5.1 Specific Dangers

This preparation is flammable and will support combustion. Combustion produces toxic gases.

### 5.2 Extinguisher Type

Use a dry chemical, alcohol resistant foam, water spray. DO NOT USE WATER JET.

## 6. ACCIDENTAL RELEASE MEASURES

See also sections 8 and 13

Remove all sources of ignition and, if possible, ventilate the area.

### 6.1 Small spillages

Up to 1 litre, may be cleaned up with a mop or absorbent cloth

### 6.2 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.

### 6.3 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

### 7.1 Handling

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

### 7.2 Storage

Store in cool, dry frost free place away from sources of ignition and out of reach of children.

## 8. EXPOSURE CONTROL AND PERSONAL PROTECTION

See also Section 7

### 8.1 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)

### 8.2 Engineering Controls

Avoid contact with skin and eyes. Do not breathe fumes

### 8.3 Personal Protective Equipment

#### Respiratory protection

None necessary under normal working conditions

#### Hand Protection

Wear rubber gloves if exposure is likely to be prolonged

#### Eye Protection

None necessary under normal working conditions

#### Skin Protection

Wear an apron or coveralls if exposure is likely to be prolonged

## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>9.1 Appearance</b>	Viscous liquid
<b>9.2 Odour</b>	Ammonia
<b>9.3 Ph</b>	11.0
<b>9.4 Flash Point of Contents</b>	38-42C

## 10. STABILITY AND REACTIVITY

### 10.1 Conditions to Avoid

Protect from sources of ignition.

### 10.2 Materials to Avoid

Strong oxidising agents.

### 10.3 Hazardous Decomposition Products

Incomplete combustion produces toxic gases

Brasso liquid is stable and unreactive under normal household conditions.

## 11. TOXICOLOGICAL INFORMATION

See also Section 2 and 3

### 11.1 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.

### 11.2 Skin contact

Low order of toxicity, frequent or prolonged contact may cause defatting of skin, irritation and dermatitis.

### 11.3 Eye contact

Irritating but does not injure eye tissue.

### 11.4 Ingestion

Minimal toxicity. The viscosity of this preparation mitigates the risk of aspiration into the respiratory system during ingestion or vomiting

## 12. ECOLOGICAL INFORMATION

See also Sections 6,7,13 and 15

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.

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.

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.

## 13. DISPOSAL CONSIDERATIONS

### 13.1 Consumer Instructions

Containers may be disposed of by consumers in the normal domestic waste stream.

### 13.2 Bulk Quantities(Unsold stock)

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.

## 14. TRANSPORT INFORMATION

UN Number UN 1300

IMDG:Sea:

Class: 3

Packing Group: III

Proper shipping name: TURPENTINE SUBSTITUTE, Marine Pollutant

Road: ADR/RID:

Class: 3

Item Number:

Proper shipping name: TURPENTINE SUBSTITUTE

Air: ICAO-TI / IATA-DGR:

Class: 3

Packing Group: III

Proper shipping name: TURPENTINE SUBSTITUTE

National transport regulations may apply.

## 15. REGULATORY INFORMATION

This product is classified as dangerous for supply in the EU as follows:



### Risk Phrase

N	Dangerous for the environment
R10	Flammable
R38	Irritating to skin
R67	Vapours may cause drowsiness and dizziness
R51/53	Toxic to aquatic organisms, may cause long term effects in the aquatic environment.

### Safety Phrases

S2	Keep out of reach of children
S24	Avoid contact with skin
S26	In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
S29	Do not empty into drains.
S61	Avoid release into the environment.
S62	If swallowed, do not induce vomiting, seek medical advice immediately and show this container or label.

Do not use near fire or flame.

The following Directives are relevant to the above classification and labeling of this preparation:

European Parliament & Council Directive 1999/45/EC of 31 May 1999 concerning the approximation of the laws, regulations and administrative provisions of the Member States relating to the classification, packaging and labeling of dangerous preparations.

Directive 88/379/EEC is implemented in the UK by the Chemicals (Hazard, Information and Packaging for Supply) Regulations 1994 No. 3247

## 16. OTHER INFORMATION

BRASSO is a Trademark.

This document complements the technical usage instructions but does not replace them. The information contained herein is based on our best current technical 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 for a purpose 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 included only to assist the recipient in fulfilling his or her 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 he or she remains the sole person responsible.

Data sources used in the preparation of this Safety Data Sheet:

Raw material supplier's Safety Data Sheets

**Safety data referring to: 1999/45/EC and 88/379/EEC**

**PSDS Created on: 19/01/07**

**Version: 2.0**

**Reason for revision: Addition of safety symbols into section 15**