

# SAFETY DATA SHEET



Trust Hygiene Services Limited

## 06810 / 06812 – BRASSO

### 1. IDENTIFICATION OF THE PREPARATION AND COMPANY

**PRODUCT CODE:** 06810 / 06812

**PRODUCT NAME:** BRASSO 75 ml / 1 Ltr

**DISTRIBUTOR:** Trust Hygiene Services Limited Telephone: 0370 3500 988  
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West Midlands  
WV2 2JH

**PRODUCT DESCRIPTION:** Liquid cleaner of household items made of brass, copper, tin & chrome.

### 2. COMPOSITION/INFORMATION ON INGREDIENTS

The product contains the following components:

NAME	CAS No.:	CLASSIFICATION	CONTENT
AMMONIA(25%)		R34, R37	1-5 %
WHITE SPIRIT 150-200N	64742-82-1	R10, R51/53, R65	50 – 75%

Key to risk phrases

R10 Flammable.  
R34 Causes burns.  
R37 Irritating to the respiratory system.  
R51/53 Toxic to aquatic organisms, may cause long term adverse effects in the aquatic environment.  
R65 Harmful: may cause lung damage if swallowed.

### 3. HAZARDS IDENTIFICATION

**EYE CONTACT:** Contact with eyes may cause irritation and conjunctivitis.  
**SKIN CONTACT:** Repeated or prolonged exposure may cause defatting of skin leading to irritation and dermatitis.  
**INHALATION:** Repeated and prolonged exposure to high concentration of vapour may result in central nervous system damage. When vapour exposure is low there are no adverse effects.  
**INGESTION:** May irritate digestive tract and cause nausea, vomiting and diarrhoea, drowsiness and swelling of stomach. Aspiration of liquid causes pulmonary edema, chemical pneumonia.

### 4. FIRST AID MEASURES

**INHALATION:** Move victim to fresh air and keep in rest. If in any doubt, obtain medical attention.  
**INGESTION:** Do not induce vomiting, seek medical attention.  
**SKIN:** Wash affected areas thoroughly with water, using soap.  
**EYES:** Rinse thoroughly with copious amounts of water. If in any doubt, obtain medical attention.

### 5. FIRE FIGHTING MEASURES

**EXTINGUISHING MEDIA:** This preparation is flammable and will support combustion. Combustion produces toxic gases. Use a dry chemical, alcohol resistant foam, water spray. **DO NOT USE WATER JET.**

### 6. ACCIDENTAL RELEASE MEASURES

See also sections 8 and 13.

**SPILL CLEAN UP METHODS:** Remove all sources of ignition and if possible, ventilate the area.  
**Small spillages** - up to one litre, may be cleaned up with a mop or absorbent cloth.  
**Medium spillages** - up to five 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 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**

**USAGE PRECAUTIONS:** Wear suitable gloves if long or repeated exposure to the product is anticipated.  
**STORAGE PRECAUTIONS:** Store in a dry, cool, frost free place away from sources of ignition and out of reach of children.

## **8. EXPOSURE CONTROLS AND PERSONAL PROTECTION**

See also section 7.

**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 breathe fumes.

**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.

**PERSONAL PROTECTIVE EQUIPMENT:**



## **9. PHYSICAL AND CHEMICAL PROPERTIES**

**APPEARANCE:** Viscous liquid  
**ODOUR:** Ammonia  
**FLASH POINT:** 38-42 °C  
**pH VALUE** 11.0

## **10. STABILITY AND REACTIVITY**

**CONDITIONS TO AVOID:** Protect from sources of ignition.  
**MATERIALS TO AVOID:** Strong oxidising agents.  
**HAZARDOUS DECOMPOSITION PRODUCTS:** Incomplete combustion produces toxic gases. Brasso Liquid is stable and unreactive under normal

## **11. TOXICOLOGY INFORMATION**

See also section 2 and 3

This product contains white spirit for which the following apply:

**INHALATION:** Vapour concentrates above recommended exposure limits are irritating to the eyes and respiratory tract, may cause headaches and dizziness, are anesthetic and may have other central nervous system effects.

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

**SKIN CONTACT:** Low order to toxicity, frequent or prolonged contact may cause dermatitis.

**EYE CONTACT:** Irritating but not injure eye tissue.

## **12. ECOLOGICAL INFORMATION**

See also section 6, 7, 14, and 15

**ECOTOXICITY:** This product contains 50-75% of 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 R51/53 Toxic to aquatic organisms, may cause long term effects in the aquatic environment. White spirit is expected to be biodegradable 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. Not classed as Hazardous to the Environment but release to the environment should be avoided.

### **13. DISPOSAL CONSIDERATIONS**

**DISPOSABLE METHODS:** Consumer Instructions: Containers may be disposed of by consumers in the normal domestic waste stream.  
**Bulk Quantities:** 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 1993

#### **Sea: IMDC:**

Class: 3.3  
Packing Group: III  
Proper Shipping Name: Flammable Liquid, N.O.S. (contains TURPENTINE SUBSTITUTE)

#### **Road: ADR/RID:**

Class: 3  
Item Number: 31'C  
Proper Shipping Name: Flammable Liquid, N.O.S. (contains TURPENTINE SUBSTITUTE)

#### **Air: ICAO:**

Class: 3  
Packing Group: III  
Proper Shipping Name: Flammable Liquid, N.O.S. (contains TURPENTINE SUBSTITTUTE)

National transport regulations apply.

### **15. REGULATORY INFORMATION**

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

**RISK PHRASES:** R10 Flammable.  
**SAFETY PHRASES:** S2 Keep out of the reach of children  
S46 If swallowed, seek medical advice immediately and show this container or label.  
S62 (part of) If swallowed, do not induce vomiting.

**NOTES:** The following directives are relevant the the above classification and labelling of this preparation: Council Directive 88/379/EEC of 7<sup>th</sup> June 1988 on the approximation of the laws, regulations and administrative provisions of the Member States relating to the classification, packaging and labelling 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**

#### **USER NOTES:**

BRASSO is a Trademark

This document complements the technical usage instructions but does not replace them. The information contained here in is based on our best current technical knowledge of the product concerned and is given in good faith. The attention of the 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 sole responsibility to take due precautions relative to the use made of this 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.

**DATE CREATED:** January 2009