

SAFETY DATA SHEET

1. IDENTIFICATION OF THE PREPARATION AND THE COMPANY IDENTIFICATION.

Trade Name:

BRASSO Metal Polish Wadding

Product Format:

Liquid impregnated onto wadding

Product Use:

Liquid impregnated onto wadding for cleaning household items including brass, copper, tin and chrome

Supplier in UK

Pakex UK Plc
1 Prime Point
Welwyn Garden City
Hertfordshire
AL7 1FE

tel: 01707 384858

Reference

21122 - SD EU v3

Issue

1

Changes

New product

2. HAZARDS IDENTIFICATION.

Main Hazards (finished product)	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.
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 concentrations of vapour may result in central nervous system damage. When vapour pressure is low there are no adverse effects. Aspiration of liquid causes pulmonary oedema, chemical pneumonia.
Ingestion	May irritate digestive tract and cause nausea, vomiting, diarrhoea, drowsiness and swelling of stomach.

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.

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

5. FIRE-FIGHTING MEASURES.

	Extinguishing Media	Use foams, dry chemicals (sand, earth, dust) and CO ₂ .
	Protective Equipment for Fire-Fighting	Fires in confined space should be dealt with by trained persons wearing breathing apparatus.

6. ACCIDENTAL RELEASE MEASURES.

	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.

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.

	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 ³ (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.

	Physical State	Wadding impregnated with ochre liquid
	Flash Point of Contents	The liquid has a flash point of 38-45°C. This wadding is declared as flammable and will support combustion
	Odour	Characteristic
	pH	9

10. STABILITY AND REACTIVITY.

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.

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.

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.


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	UN3175
IMDG/IMO	<p>Classification _____ Proper Shipping Name : Solids containing flammable liquid, N.O.S. (contains turpentine substitute) Class: 4.1 Subsidiary Risk: not applicable Packing Group: II IMDG Page ??? Marine Pollutant: YES EMS: F-A, S-I MFAG: obsolete Limited Quantity: 1 Kg inner packaging, 30 Kg gross weight / combined packaging 20 Kg gross weight / Tray</p> <p>Special Provisions: 216 Stowage and segregation:</p> <p>Remarks:</p>
ADR/RID	<p>Proper Shipping Name : Solids containing flammable liquid, N.O.S. (contains turpentine substitute) Class: 4.1 Subsidiary Risk: not applicable Packing Group: II ADR/RID Labels: 4 (if not LQ) HIN: 40 CEFIC Tremcard No: ??? Limited Quantity: LQ8</p>
	<p>combined packaging: 3 Kg inner packaging, 30 Kg gross weight Tray: 0,5 Kg inner packaging, 20 Kg gross weight</p> <p>weight Special Provisions: 216</p>
ICAO/IATA	<p>Proper Shipping Name : Solids containing flammable liquid, N.O.S. (contains turpentine substitute) Class: 4.1 Subsidiary Risk: not applicable Packing Group: II Maximum Quantity: LTD QTY: packaging instruction Y415: 0,5 Kg inner packaging max. 5 Kg / packaging Single packagings are not allowed PAX: packaging instruction 415: Weight of the inner packaging depends on the nature of the packaging 2,5 Kg for metal, plastic, aluminium 1,0 kg for plastic bags max. 15 Kg / packaging Single packagings are not allowed CAO: packaging instruction 417: Weight of the inner packaging depends on the nature of the packaging 5,0 Kg for metal, plastic, aluminium 2,5 kg for plastic bags max. 50 Kg / packaging Single packagings and combination packagings are allowed</p>

Remarks: Requirements from States or airlines may differ

15. REGULATORY INFORMATION.

Labelling Information	 <p>Dangerous for the Environment</p>
R phrases	R10 Flammable
	R67 Vapours may cause drowsiness and dizziness R51/53 Toxic to aquatic organisms, may cause long term effects in the aquatic environment.
S phrases	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: www.rbeuroinfo.com
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.