PRODUCT INFORMATION SHEET

Unico Limited, North Main Street, Carronshore,
Falkirk. FK2 8HT
Tel: 0845 27 86426 Fax: 01324 573401

UNIBUFF

Emulsion Polish

FEATURES & APPLICATIONS

Unibuff is a metalised emulsion polish. A floor protected with Unibuff will have slip resistance, from its optimised blend of polymers and waxes, durability, from a zinc cross-linked polymer and a prestigious gloss which can be maintained by regular buffing.
Unibuff is compatible with many types of flooring including linoleum, thermoplastic, tiles, sealed wood and concrete.

5 litres of polish should give a coverage of 400-500 square metres. Depending on floor traffic this coverage should last for several months.

APPLICATION DETAILS

Task	How To Use
Preparation:	For bare floors, thoroughly clean the floor. Ensure porous floors are sealed. Alternatively, strip off old polish and remove the slurry. Rinse well with fresh water and allow to dry.
Application:	Apply a coat of undiluted Unibuff, evenly and sparingly, with an applicator or mop. Allow to dry, with adequate ventilation, then apply a second coat as before. Allow to dry for 12 hours.
Maintenance:	Sweep daily. At regular intervals, damp-mop or spray-clean with floor maintainer, buffing to renew shine. Periodically strip off and reapply Unibuff.

PRODUCT AND PACKAGING INFORMATION

Appearance and Odour:	Opaque white liquid with characteristic fragrance.
Chemical Description:	An aqueous dispersion of acrylic polymer, wax, surfactants, solvent, levelling aid and preservative.
Packaging:	2 x 5 litres.
Shelf Life:	2 years.

ENVIRONMENTAL INFORMATION

General Information: This product has been formulated to have very little ecological impact and is an ideal choice for environmentally aware organisations.

Environmental Checklist:

Biodegradable detergents	Yes	CFC free	Yes	Solvent free	No
Phosphate free	Yes	Acid/alkali free	No	Free of dyes/perfumes	Yes
Recyclable packaging	Yes	Biodegradable container	No	Biodegradable outer box	Yes

FURTHER INFORMATION AVAILABLE ON REQUEST

PRODUCT SAFETY DATA SHEET

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY

Commercial Name	**Unibuff**	**Supplier**	**Unico Ltd**
Intended/Recommended use	**Metalised emulsion polish**	**Address**	**North Main Street, Carronshore, Falkirk FK2 8HT**
Issue Date	**Jan 2021**	**Telephone**	**01324 573400**
Issue Number	**8**	**Fax**	**01324 573401**

2. HAZARDS IDENTIFICATION

2.1 Classification This product is classified under EC 1272/2008

Physical and Chemical Hazards	Not Classified
Human Health	Skin & eye irritant
Environment	Not classified

2.1 Label Elements Label in Accordance with (EC) No. 1272/2008

Signal Word **Warning**

Hazard Statements
H319 Causes serious eye irritation
H315 Causes skin irritation

Precautionary Statements

P102 - Keep out of reach of children
P103 - Read label before use.
EUH 210 - Safety data sheet available on request.
P302 +P352 IF ON SKIN: Wash with plenty of soap and water.
P305 +P351 +P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.
P337 + P313 If eye irritation persists: get medical advice/attention
P281 Use personal protective equipment as required.
Wear eye protection when handling concentrated product.
Wear rubber/impervious gloves for skin protection when handling concentrated product if skin is sensitive.

3. COMPOSITION OF PRODUCT AND INFORMATION ON INGREDIENTS

3.1 Mixtures

Concentrations below the concentration limit for classification in mixtures means that substance not reaching this does not need to be classified. Those that do not reach this concentration will still listed to show this is the case.

Diethylene Glycol Monoethyl Ether	1 ï 10%
CAS-No.: 111-90-0	EC No.: --
Classification (EC 1272/2008)	
Eye Irritant 1 ï H319	Skin Irritant 2 ï H315

NAME	RANGE	EINECS	CAS No	Conc. Limit for Classification
Sodium Chloride	0 - 1 %			10%
Isopropanol	0 - 1 %	200-661-7	67-63-0	1%
Triclosan	0 - 1%	222-182-2	3380-34-5	1%
Methylchloroisothiazolinone	0 - 1%	247-500-7	26172-55-4	1%
Methylisothiazolinone	0 -1 %	220-239-6	2682-20-4	1%
C.I.19140	0 -1 %	217-699-5	1934-21-0	1%
C.I.18050	0 -1 %	223-098-9	3734-67-6	1%

4. FIRST AID MEASURES

4.1 Description of first aid measures

Ingestion	Drink a glass of water to dilute product. Do not induce vomiting. Act immediately to prevent further irritation of mouth, throat and stomach mucosa.
Inhalation	No ill effects expected at concentrations used. If irritation is experienced go in open air and ventilate area. Mouth and throat may be rinsed with water.
Eye Contact	Check for and remove contact lenses. Rinse thoroughly with plenty of water for several minutes.
Skin Contact	Rinse affected area with water as instructed, if needed apply a cold compress to relieve irritation.

4.2 Most Important symptoms and effects, both acute & chronic

Where irritation of tissue occurs, stinging and redden accompanied by some discomfort for a short period after exposure no further exposure until condition improves. No Chronic effects known at the concentrations used in the mixture

4.3 Indication of any immediate medical attention and special treatment needed

If irritation to the mouth, throat, stomach, skin, eyes or respiratory system occurs and doesn't subside within a few minutes after the first aid measures have been carried out, seek immediate medical advice and have this SDS or the product label to hand.

5. FIRE FIGHTING MEASURES

5.1 Suitable extinguishing media	This product is not flammable. Use fire extinguishing media appropriate for surrounding area.
Unsuitable extinguishing media	Not applicable.
5.2 Special hazards arising from the substance or mixture	Fumes may contain poisonous oxides of carbon and nitrogen (CO_x & NO_x) if affected by fire.
5.3 Advice for firefighters	Use appropriate extinguishing media for fires in the area. Firefighters should wear self-contained breathing apparatus if heat generated breakdown products are likely to be present

6. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

Avoid contact with skin and eyes

6.2 Environmental Precautions

Avoid spillage into surface water drains, soil / subsoil or vegetation.

6.3 Methods and material for containment and cleaning up

Hose away with plenty of water, diluting well, unless this would contaminate a water source or vegetation. In which case either collect, dilute as earlier and pour down waste drain (foul sewer) or absorb onto dry sand or similar material and dispose of safely as commercial waste.

7.HANDLING AND STORAGE

7.1 Handling	Take care when dispensing product from container. Avoid contact with skin and eyes. Do not mix with any other chemicals.
7.2 Storage	Store upright in original containers in a cool dry area out of the reach of children.
7.3 Specific end use(s)	Use only as directed by the front page of this document and the product label

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control Parameters

Note: No substances above 1% in the product with a listed exposure limit in EH40

8.2 Exposure Control

Respiratory Protection	Personal protection is not normally required unless a risk assessment indicates the need for it .In which case wear a facemask with a suitable particulate filter.
Skin Protection	Personal protection is not normally required unless a risk assessment indicates the need for it .In which case wear protective overalls and safety shoes/boots.
Eye Protection	Personal protection is not normally required unless a risk assessment indicates the need for it .In which case wear eyeshields.
Hand Protection	For prolonged contact or sensitive skin the use of rubber gloves is recommended.

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Appearance	White Liquid	**Flash Point (ACC)**	-
Odour	Polish	**Viscosity (20C)**	1 cp approx
pH	8.5 typically	**Water Solubility**	Soluble
Boiling Point	Approx 100°C	**Explosive Properties**	None
Oxidising Properties	None	**Vapour Pressure**	Not Applicable
Fat Solubility	Forms an emulsion	**Relative Density**	1.01

9.2 Other Information
None

10. STABILITY AND REACTIVITY

10.1 Reactivity	None known with normal use
10.2 Chemical Stability	No stability concerns
10.3 Hazardous Reactions	None known
10.4 Conditions to Avoid	Extreme heat or cold
10.5 Incompatible Materials	None known.
10.6 Hazardous decomposition products	None when handled and stored correctly.

11. TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

We have not carried out any animal testing for this product. Any ATE figures quoted below are from Toxicity Classifications that have been carried out using ATE (Acute Toxicity Estimate) Calculation Method using LD50 or ATE figures provided by the Raw Material Manufacturer.

Consideration is only given to components with greater than 1% based on the product formulation and those with a listed exposure limit in Section 8. In addition, no testing data available for other components not listed below.

Acute Toxicity – Irritant to tissue and eyes

Component	LD-50, Oral, mg/kg	LD-50, Skin mg/kg	LC-50 (Inhalation)	Chronic Consideration
Diethylene Glycol Monoethyl Ether	8030 (rat)	>5000 (rat)	--	None known

Chronic Toxicity

Carcinogenicity	No information available
Sensitization	No information available.
Mutagenic Effects	No information available
Reproductive Effects	No information available.
Developmental Effects	No information available.
Target Organs	No information available
Endocrine Disruptor Info.	No information available.

Other Adverse Effects The toxicological properties have not been fully investigated. See actual entry in RTECS for complete information

12. ECOLOGICAL INFORMATION

12.1 Toxicity
Ecotoxicity effects

Component	Toxicity to Fish LC-50, mg/l	Exposure Time, Hrs	Comments
Diethylene Glycol Monoethyl Ether	>5000 (fish)	96	SIDS Report

12.3 Bioaccumulation Potential
With the current information available, when used for its intended purpose this product will not cause adverse effects in the environment.

12.4 Mobility in soil No information available

12.5 Aquatic Toxicity With the current information available, this is judged to be low at the dilutions that exist.

12.6 Other adverse effects No information available

13. DISPOSAL CONSIDERATIONS

13.1. Waste treatment methods

Concentrated product must be sent for disposal using a licensed waste disposal contractor.

14. TRANSPORT

Not regulated for Transport with current knowledge

15. REGULATORY INFORMATION

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

EU legislation
Safety Data Sheet prepared in accordance with REACH Commission Regulation (EU) No 453/2010 (which amends Regulation (EC) No 1907/2006). The product is as classified under GHS/CLP- Regulation (EC) No 1272/2008 classification, labelling & packaging of substances & mixtures. Ingredients are listed with classification GHS/CLP- Regulation (EC) No 1272/2008 classification, labelling & packaging of substances & mixtures.

Guidance
Workplace Exposure Limits EH40.
The National Institute for Occupational Safety and Health (NIOSH) register of Immediately Dangerous to Life or Health Concentrations (IDLH)

16. OTHER INFORMATION

This product does not require any special training before use. Usage and handling instructions are mentioned on packaging and on the first page of this Safety Data Sheet .This health and safety information refers to the concentrated product and has been prepared assuming the intended described use is adhered to. Any unusual or novel use of this product is done without being assessed for the impact nor is it part of the considerations in this document.

Diluted solutions can be considered to be significantly less hazardous although they should always be handled with care.

Key literature references and sources for data
Safety Data Sheet, Misc. manufacturers.
CLP Classification - Table 3.1 List of harmonised classification and labelling of hazardous substances.
CHIP Classification - Table 3.2 The list of harmonised classification and labelling of hazardous substances from Annex I to Directive 67/548/EEC.
ECHA - C&L Inventory database.

Revision comments
This product is now using classification from GHS/CLP - Regulation (EC) No 1272/2008 classification, labelling & packaging of substances & mixtures.

The Hazard Statements listed below in this Section No 16 relate to the Raw Materials (Ingredients) in the Product (as listed in Section 3) and NOT the product itself. For the Risk Phrases / Hazard Statements relating to this Product see Section 2.

Hazard	**statements**	**in**	**full**
H315	Causes	skin	irritation

H319 Causes serious eye irritation