

**HIGH SOLIDS FLOOR MAINTAINER**

*Floor Maintainer*

**FEATURES & APPLICATIONS**

**High Solids Floor Maintainer** can be used in a wide range of institutional and commercial premises. It will maintain thermoplastic, linoleum, tiles, sealed wood, terrazzo and similar floors. Not only does it clean the dirtiest floors, its blend of waxes protects floors and buffs to a beautiful shine. It can be used as a complete floor treatment or can be used to top up areas of heavy traffic leaving a fresh citrus fragrance.

**Caution:** Avoid wetting floors after treatment. Do not use on unsealed wood.

**APPLICATION DETAILS**

**Task**

Maintaining thermoplastic, linoleum, tiles, sealed wood, terrazzo etc.

Light duty cleaning and topping up finish on linoleum, tiles, sealed wood, terrazzo, etc.

**Maximum Dilution**

1 in 30 with water  
(170ml per 5 litres)

1 in 80 with water  
(60ml per 5 litres)

**How To Use**

Damp mop floor then, when dry, buff to a shine with a high- speed machine.

Spray floor with solution, simultaneously buffing to a shine with a high-speed machine.

**Note:** If using an ounce-a-matic dispenser, one measure = 30ml

**PRODUCT AND PACKAGING INFORMATION**

**Appearance & Odour:** Opaque, blue liquid with citrus fragrance.

**Chemical Description:** An aqueous solution of surfactants, waxes sequestering agents, perfume, preservative and dye.

**Packaging:** 2 x 5 litres

**Shelf Life:** 2 Years

**ENVIRONMENTAL INFORMATION**

**General Information:** This product is expected to have very little ecological impact.

**Environmental Checklist:**

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

# PRODUCT SAFETY DATA SHEET



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

<b>Commercial Name</b> Intended/Recommended use	<b>High Solids Floor Maintainer</b> Concentrated Floor Maintainer	<b>Supplier</b> Address	<b>Unico Ltd</b> North Main Street, Carronshore, Falkirk FK2 8HT 01324 573400 01324 573401
<b>Issue Date</b> Issue Number	<b>Jan 2021</b> 9	<b>Telephone</b> Fax	

## 2. HAZARDS IDENTIFICATION

**2.1 Classification** This product is classified under EC 1272/2008

Physical and Chemical Hazards	Not classified
Human Health	May be harmful by inhalation
Environment	May be harmful to aquatic life

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



Signal Word	<b>Warning</b>
Hazard Statements	<b>H400</b> Very toxic to aquatic life <b>H318</b> Causes serious eye damage <b>H315</b> Causes skin irritation
Precautionary Statements	<b>P102</b> Keep out of reach of children <b>P103</b> Read label before use. <b>EUH 210</b> - Safety data sheet available on request. <b>P302 + P352</b> IF ON SKIN: Wash with plenty of soap and water. <b>P332 + P313</b> If skin irritation occurs: Get medical advice/attention. <b>P305 + P351 + P338</b> IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. <b>P301 + P330 + P331</b> IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. <b>P281</b> Use personal protective equipment as required. <b>Wear eye protection</b> when handling concentrated product. <b>Wear rubber/impervious gloves for skin protection</b> when handling concentrated product.

## 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 be included as indicative advice only.

Alcohols, ethoxylated	1 . 10%
CAS-No.: 68439-45-2	EC No.: 230-785-7
Classification (EC 1272/2008)	Chronic Aq. 3 . H412
Eye Damage 2 . H318	Acute Aq. 1 . H400
Skin Irritant 2 . H315	Acute oral / skin 4 . H302/312

<b>NAME</b>	<b>RANGE</b>	<b>EINECS</b>	<b>CAS No</b>	<b>Conc. Limit for Classification</b>
Trisodium NTA	0.1-1%	--	5064-31-3	1%
Perfume (Parfum)	0.1-1%	Mixed	Mixed	1%
Diethyl Ethanolamine	0.1-1%	202-845-2	100-37-8	1%
Methylchloroisothiazolinone	<0.1%	247-500-7	6172-55-4	0.1%
Methylisothiazolinone	<0.1%	220-239-6	2682-20-4	0.1%
C.I. 61585	<0.1%	224-748-4	4474-24-2	0.1%
C.I. 19140 Yellow 5	<0.1%	217-699-5	1934-21-0	0.1%
Limonene (Perfume Allergen)	<0.1%	227-813-5	5989-27-5	0.1%
Citral (Perfume Allergen)	<0.1%	--	5392-40-5	0.1%



**9. PHYSICAL AND CHEMICAL PROPERTIES**

**9.1 Information on basic physical and chemical properties**

<b>Appearance</b>	Blue opaque liquid	<b>Flash Point (ACC)</b>	Above 60°C
<b>Odour</b>	Lemon	<b>Viscosity (20C)</b>	N/A
<b>pH</b>	10.0 . 10.5	<b>Water Solubility</b>	Soluble

**9.2 Other Information**

None

**10. STABILITY AND REACTIVITY**

<b>10.1 Reactivity</b>	Not known to react with other chemicals
<b>10.2 Chemical Stability</b>	No stability concerns
<b>10.3 Hazardous Reactions</b>	None known
<b>10.4 Conditions to Avoid</b>	Extreme heat or cold
<b>10.5 Incompatible Materials</b>	None known.
<b>10.6 Hazardous decomposition products</b>	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.

**Acute Toxicity – Irritant to tissue and eyes.**

Component	LD-50, Oral, mg/kg	LD-50, Skin mg/kg	LC-50 (Inhalation)	Chronic Consideration
Alcohol Ethoxylate	1000-2000 (rat)	1000-2000 (rabbit)	-	None known

**Chronic Toxicity**

<b>Carcinogenicity</b>	One of the low concentrations elements (Trisodium NTA) has a CARC 2 classification in its concentrated form
<b>Sensitization</b>	No information available.
<b>Mutagenic Effects</b>	No information available
<b>Reproductive Effects</b>	No information available.
<b>Developmental Effects</b>	No information available.
<b>Target Organs</b>	No information available
<b>Endocrine Disruptor Info.</b>	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
Alcohol Ethoxylate	8.5 (Pimephales promelas)	96	

**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**

Discharge used working solutions to drain is acceptable in small amounts due to the dilution of running water. Small amounts (less than 1 Litre)

of unwanted concentrated product may be flushed with water to sewer with at least 15 minutes of running water.

Larger volumes of the concentrated product must be sent for disposal using a licensed waste disposal contractor.

Rinse out empty container with water and consign to normal waste.

**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**

H302 Harmful if swallowed

H312 Harmful in contact with skin

H315 Causes skin irritation

H318 Causes serious eye damage

H400 Very toxic to aquatic life

H412 Harmful to aquatic life with long-lasting effects