

## KWIKSTRIP

### Hi-Speed Emulsion Polish Remover

#### FEATURES & APPLICATIONS

Kwikstrip is a concentrated floor-polish stripper which removes the heavy build-up of emulsion floor polish in one operation. It leaves the floor primed for reapplication of emulsion polish. No final rinse is necessary. Floors should be stripped periodically to minimise the build-up of old polish.

Kwikstrip does not contain ammonia and will not remove any underlying floor sealant.

Kwikstrip can be used where heavy-duty stripping is required, either to completely strip floors, as a prelude to general floor treatment, or to selectively remove worn polish from areas of heavy traffic.

**Caution: Do not use on unsealed wood, terrazzo floors or on painted surfaces.**

#### APPLICATION DETAILS

Task	Maximum Dilution	How To Use
Stripping without scrubbing or rinsing.	1 in 5 with warm water. (1000ml per 5 litres.)	Apply Kwikstrip to floor and leave for 5 mins. Rub with a mop then leave for a further 5 min. before removing slurry.
Machine scrubbing:	1 in 10 with warm water (500ml per 5 litres.)	Apply Kwikstrip to floor then leave for 5-10 mins. before scrubbing.
Spray scrubbing:	1 in 20 with warm water (250ml per 5 litres.)	Spray-strip as normal.

**Note: If using an ounce-a-matic dispenser, one measure = 30 ml.  
Allow floor to dry before applying polish.**

#### PRODUCT AND PACKAGING INFORMATION

<b>Appearance &amp; Odour:</b>	Clear, yellow liquid with solvent odour.
<b>Chemical Description:</b>	An aqueous solution of alkalis, solvents and surfactants.
<b>Packaging:</b>	2 X 5 litres.
<b>Shelf Life:</b>	2 Years

#### ENVIRONMENTAL INFORMATION

**General Information:** This product is expected to have very little ecological impact. The alkali in the product is neutralised by effluent treatment.

##### 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

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

<b>Commercial Name</b> Intended/Recommended use	<b>Kwikstrip</b> Concentrated floor polish stripper.	<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>May 15</b> 7	<b>Telephone</b> Fax	

## 2. HAZARDS IDENTIFICATION

**2.1 Classification** Product was classified as Irritant (Xi) according to Chemicals (Hazard Information Packaging & Supply) Regulations.

This product is classified under EC 1272/2008

Physical and Chemical Hazards	May be flammable
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  
Hazard Statements

**Warning**  
**H400** Very Toxic to Aquatic Life  
**H314** Causes serious skin burns and eye damage  
**H226** Flammable liquid and vapour

Precautionary Statements

**P102** - Keep out of the Reach of Children  
**P103** - Please read the label information before use.  
**EUH 210** - Safety data sheet available on request.  
**P302 + P352** IF ON SKIN: Wash with plenty of soap and water.  
**P332 + P313** If skin irritation occurs: Get medical advice/attention.  
**P305 + P351 + P338** IF IN EYES: Rinse continuously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing.  
**P301 + P330 + P331** IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.  
**P281** Use personal protective equipment as required.  
**Wear eye piece protection**  
**Rubber /impervious Gloves for skin protection.**

## 3. COMPOSITION OF PRODUCT AND INFORMATION ON INGREDIENTS

### 2.1 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.

Sodium Metasilicate	1 – 10%
CAS-No.: 6834-92-0	EC No.: 229-912-9
Classification (EC 1272/2008) Eye Damage 1 – H318	Skin Irritant 2 – H315 Acute 4 – H335 Aquatic Chronic 3 – H412

Sodium Xylene Sulphonate	1 – 10%
CAS-No.: 1300-72-7	EC No.: 215-090-9
Classification (EC 1272/2008) Eye Irritant 2 – H319	

Propylene Glycol Ether Blend		1 – 10%
CAS-No.: 029387-86-8	EC No.: 249-598-7	
Classification (EC 1272/2008) Eye Irritant 1 – H320	Flammable 3 – H226 Skin Irritant 2 – H315	

Alkyl Aryl Sulphonate		1 – 10%
CAS-No.: 25155-30-0	EC No.: --	
Classification (EC 1272/2008) STOT 2 – H303	Acute 4 – H335 Skin / Eye Corr. 1A – H314	

Monoethanolamine		1 – 10%
CAS-No.: 141-43-5	EC No.: 205-483-3	
Classification (EC 1272/2008) Eye Irritant 1 – H318	Skin Irritant 2 – H315	

Alkyl Ether Sulphate		1 – 10%
CAS-No.: 68585-34-2	EC No.: --	
Classification (EC 1272/2008) Skin Irritant. 2, H315;	Eye Irritant. 2, H319	

Alcohol Ethoxylate		0.1– 1%
CAS-No.: 68439-45-2	EC No.: 230-785-7	
Classification (EC 1272/2008) Eye Damage 2 – H318	Skin Irritant 2 – H315	Chronic Aq. 3 – H412 Acute Aq. 1 – H400 Acute oral / skin 4 – H302/312

**4. FIRST AID MEASURES**

**4.1 Description of first aid measures**

- Ingestion** 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.

A cold compress can be used to alleviate skin irritation.

**5. FIRE FIGHTING MEASURES**

<b>5.1 Suitable extinguishing media</b>	This product is classed as flammable. Carbon dioxide or foam powder but no water jets that will spread any fire. Cover fire with dry sand if possible.
<b>Unsuitable extinguishing media</b>	Not applicable but water jets not preferred.
<b>5.2 Special hazards arising from the substance or mixture</b>	Fumes may contain poisonous oxides of carbon and nitrogen (CO <sub>x</sub> & NO <sub>x</sub> ) if affected by fire.
<b>5.3 Advice for firefighters</b>	Firefighters should wear self-contained breathing apparatus if heat generated breakdown products are likely to be present

**6. ACCIDENTAL RELEASE MEASURES**

<b>6.1 Personal precautions, protective equipment and emergency procedures</b>	Wear protective clothing including gloves such as rubber or nitrile and eyeshields. Do not mix with other chemicals
<b>6.2 Environmental Precautions</b>	Avoid spillage into surface water drains, soil / subsoil or vegetation.
<b>6.3 Methods and material for containment and cleaning up</b>	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**

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

**8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

<b>8.1 Control Parameters</b>	
Note: No substances above 1% in the product with a listed exposure limit in EH40	
<b>8.2 Exposure Control</b>	
<b>Respiratory Protection</b>	Personal protection is not normally required unless a risk assessment indicates the need for it .In which case wear a facemask with a suitable vapour filter.
<b>Skin Protection</b>	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.
<b>Eye Protection</b>	Wear eyeshields.
<b>Hand Protection</b>	For prolonged contact or sensitive skin the use of rubber or nitrile gloves is recommended.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

<b>9.1 Information on basic physical and chemical properties</b>			
<b>Appearance</b>	Yellow Liquid	<b>Flash Point (ACC)</b>	Still to be determined for the mixture
<b>Odour</b>	Solvent	<b>Viscosity (20C)</b>	1 cp approx
<b>pH</b>	13.0 typically	<b>Water Solubility</b>	Soluble
None			

**10. STABILITY AND REACTIVITY**

<b>10.1 Reactivity</b>	Avoid acid materials
<b>10.2 Chemical Stability</b>	No stability concerns
<b>10.3 Hazardous Reactions</b>	Acid gases may be liberated when in contact with acids
<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**

<b>11.1 Information on toxicological effects</b>
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 and damaging to tissue and eyes. May be harmful if swallowed**

Component	LD-50, Oral, mg/kg	LD-50, Skin mg/kg	LC-50 (Inhalation)	Chronic Consideration
Sodium Metasilicate	1280 (rat)	--	--	None known
Sodium Xylene sulphonate	>162000 (rat)	>2000	>6.41 mg/l (rat)	No Evidence
Propylene Glycol Ether Blend	3300 (rat)			None known
Alkyl Aryl Sulphonate	300-2000 (rat)	>2000	--	None known
Monoethanolamine	>2000 (rat)	--	-	No Evidence
Alkyl Ether Sulphate	7400 (rat)	>2000 (rat)	--	None known
Alcohol Ethoxylate	1000-2000 (rat)	1000-2000 (rabbit)	-	None known

**Chronic Toxicity**

**Carcinogenicity** One of the low concentrations elements (Trisodium NTA) has a CARC 2 classification in its concentrated form  
**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
Sodium Metasilicate	210 (fish)	96	
Sodium Xylene sulphonate	>1000 (Onocorhynchus mykiss)	96	
Propylene Glycol Ether Blend	>500 (fish)	96	SIDS Report
Alkyl Aryl Sulphonate	10.8 (fish)	96	
Monoethanolamine	150 (Onocorhynchus mykiss)	96	
Alkyl Ether Sulphate	15mg/l (Onocorhynchus mykiss)	96	
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 to drain is not acceptable. Waste material and spent containers to be passed to a registered waste contractor. National or regional legislation may cover this product.

## 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.

**Revision date** 01/05/2017

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

H226 Flammable liquid & vapour

H302 Harmful if swallowed

H303 May be harmful if swallowed

H312 Harmful in contact with skin

H314 Causes serious skin burns and eye damage

H315 Causes skin irritation

H318 Causes serious eye damage

H319 Causes serious eye irritation

H320 Causes eye irritation

H335 May cause respiratory irritation

H400 Very toxic to aquatic life

H412 Harmful to aquatic life with long-lasting effects