

CLEAN AND SHINE
Trigger Spray Multi-surface Furniture Polish

FEATURES & APPLICATIONS

Clean and Shine trigger spray is a multi-surface furniture polish. Its combination of ester waxes and silicone oil imparts a high shine with little buffing. Clean & Shine leaves a lingering citrus fragrance.

Clean and Shine can be used on plastic, laminates, varnished wood and most other hard surfaces.

CAUTION : Do not use on French-polished surfaces.

APPLICATION DETAILS

Task	Maximum Dilution	How To Use
Cleaning and polishing furniture, plastic, laminates, varnished wood, etc.	Use undiluted.	Apply sparingly to a clean, dry cloth. Clean surface then turn cloth over and buff to a shine.

PRODUCT AND PACKAGING INFORMATION

Appearance & Odour:	White cream, with fresh citrus fragrance.
Chemical Description:	An aqueous emulsion containing solvents, wax, silicone oil, surfactant, perfume and preservative.
Packaging:	6 X 750 ml
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	No
Phosphate free	Yes	Acid/alkali free	Yes	Free of dyes/perfumes	No
Recyclable packaging	Yes	Biodegradable container	No	Biodegradable outer box	Yes

FURTHER INFORMATION AVAILABLE ON REQUEST

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY

Commercial Name Intended/Recommended use	Clean and Shine Trigger-spray furniture polish.	Supplier Address	Unico Ltd North Main Street, Carronshore, Falkirk FK2 8HT
Issue Date Issue Number	May '15 5	Telephone Fax	01324 573400 01324 573401

2. HAZARDS IDENTIFICATION

2.1 Classification This product has no classification according to Chemicals (Hazard Information Packaging and Supply) Regulations 2002.

This product is classified under EC 1272/2008

Physical and Chemical Hazards Flammable liquid & vapour – H226
 Human Health Risk of Mutagenic, reproductive & aspiration related health effects but evidence suggests White Spirit causative fraction is well below the threshold of significance (Benzene)
 Environment Skin irritant – H315
 Risk of chronic aquatic toxicity

2.1 Label Elements

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



Signal Word
Hazard Statements

Warning
H411 Toxic to aquatic life with long-lasting effects
H226 Flammable liquid and vapour
H315 Causes skin irritation

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.
P314 Get medical attention if you feel unwell
P281 Use personal protective equipment as required.
Wear eye piece protection when handling concentrated product.
Rubber /impervious Gloves for skin protection. When handling concentrated product

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.

White Spirit		1 – 10%	
CAS-No.: 64742-82-1	EC No.: 265 185-4		
Classification (EC 1272/2008) Flammable 3 – H226	Aspiration 1 – H304 Skin Irritant 2 - H315	Reproductive 2 – H361fd Carcinogenicity 1B – H350	Mutagenicity 1B – H350 Chronic Aquatic 2 – H411
C9-C11 Alcohol Ethoxylate with 9MEO		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

<u>NAME</u>	<u>RANGE</u>	<u>EINECS</u>	<u>CAS No</u>	<u>Conc. Limit for Classification</u>
Silicon Oil	1.0 – 10.0	-	-	Not classified
Coconut Diethanolamide	0.1 – 1.0	232-483-0	8051-30-7	1%
Xanthan Gum	0.1 – 1.0	234-394-2	11138-66-2	Not classified
Perfume	0.1 – 1.0	Mixture	Mixture	1%
Fatty Alcohol C12- C15 Ethoxylated	< 0.1	-	68131-39-5	0.1%
Fatty Alcohol Ethoxylated	< 0.1	-	68920-66-1	0.1%
(5-Chloro-2-methyl-2H-isothiazol-3-one	< 0.1	-	26172-55-4	1%
(2-Methyl-2H-isothiazolinone)	< 0.1	-	2682-20-4	1%
Limonene (Perfume Allergen)	<0.01	227-813-5	5989-27-5	0.1%

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. 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, 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 reddened accompanied by some discomfort for a short period after exposure no further exposure until condition improves. No Chronic effects known

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

- 5.1 Suitable extinguishing media** This product has a flammable liquid as a fraction above 1% but below 10% and the flammability has so far not been determined for this mixture. Foam or CO2 is sufficient in the event of a direct ignition. Use fire extinguishing media appropriate for surrounding area for all other situations.
- Unsuitable extinguishing media** Depends on requirements for surround area.
- 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**
Wear protective clothing and eyeshields.
- 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 and assure adequate ventilation. 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

Name	STD	TWA – 8 Hrs		STEL – 15 Min		Comments
Aromatic Mixture	OEL (HSE)	--	500mg/m ³	--	--	

There are no defined workplace exposure limits for any of the other components of this mixture above 1%

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 filter for aerosols and organic vapour.

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 nitrile gloves is recommended.

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Appearance	White Cream	Flash Point (ACC)	To be determined but expected to be above 55C
Odour	Citrus	Viscosity (20C)	500 cp approx.
pH	6.5 typically	Water Solubility	Soluble
Boiling Point	Approx. 100 deg.C	Explosive Properties	None
Oxidising Properties	None	Vapour Pressure	N/A
Fat Solubility	-	Relative Density	1.00

9.2 Other Information

None

10. STABILITY AND REACTIVITY

10.1 Reactivity	Not known to react with other chemicals
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.

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
White Spirit	>5000 (rat)	>2000 (rabbit)	5mg/l (rat)	Limited Evidence in mixture

Chronic Toxicity

Carcinogenicity There are trace fractions that are suspected human carcinogens but these will be <0.001%

Sensitization No information available.

Mutagenic Effects There are trace fractions that are suspected mutagens but these will be <0.001%

Reproductive Effects There are trace fractions that are suspected to have such effects but these will be <0.001%.

Developmental Effects No information available.

Target Organs There are trace fractions that are suspected of having single target organ effects but these will be <0.001%

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
Alcohol Ethoxylate	4.01 (Daphnia)	48	
White Spirit	1 - 10 (Fish)	96	Limited data in this mixture

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.

Revision date 01/05/2017 T

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. Most of the health hazards associated with White Spirit are associated with traces such as Benzene.

Hazard statements in full

H226 Flammable liquid and vapour

H302 Harmful if swallowed

H304 May be fatal if swallowed and enters airways

H315 Causes skin irritation

H312 Harmful in contact with skin

H315 Causes skin irritation

H350 May cause cancer

H361fd Suspected of damaging fertility. Suspected of damaging the unborn child

H400 Very toxic to aquatic life

H411 Toxic to aquatic life with long-lasting effects

H412 Harmful to aquatic life with long-lasting effects