

SAFETY DATA SHEET

Supershine® Hoof Clear Polish

Date: 27 January 2025
Document #: 066.249

ACCORDING TO EC-REGULATIONS 1907/2006 (REACH), 1272/2008 (CLP)
& 2015/830

1. SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

- 1.1 Product identifier**
Product Name Supershine® Hoof Clear Polish
- 1.2 Relevant identified uses of the substance or mixture and uses advised against**
Identified Use(s) Fast drying hoof polish and sealer
Uses Advised Against Anything other than the above.
- 1.3 Details of the supplier of the safety data sheet**
Company Identification W.F. Young
The Old Nursery Office
Rock Road
Washington
West Sussex
RH20 3BH
United Kingdom
Telephone +44 (0)1903 892060
E-Mail (competent person) SDS@wfyong.com
- 1.4 Emergency telephone number**
Emergency Phone No. +44 (0)1903 892060 Office hours (09:00 - 17:00)
GMT
Languages spoken English

2. SECTION 2: HAZARDS IDENTIFICATION

- 2.1 Classification of the substance or mixture**
- 2.1.1 Regulation (EC) No. 1272/2008 (CLP)**
Flam. Liq. 2; H225
Skin Irrit. 2; H315
Skin Sens. 1; H317
Eye Irrit. 2; H319
Resp. Sens. 1; H334
STOT SE 3; H336
- 2.2 Label elements**
Product Name According to Regulation (EC) No. 1272/2008 (CLP)
Supershine® Hoof Clear Polish
Contains: Phenolic Resin
Hazard Pictogram(s)   
- Signal Word(s) DANGER
- Hazard Statement(s) H225: Highly flammable liquid and vapour.
H315: Causes skin irritation.
H317: May cause an allergic skin reaction.
H319: Causes serious eye irritation.
H334: May cause allergy or asthma symptoms or breathing difficulties if inhaled.
H336: May cause drowsiness or dizziness.
- Precautionary Statement(s) P101: If medical advice is needed, have product container or label at hand.

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P102: Keep out of reach of children.

P210: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

P261: Avoid breathing vapours.

P304+P340: IF INHALED: Remove person to fresh air and keep comfortable for breathing.

P342+P311: If experiencing respiratory symptoms: Call a POISON CENTER / doctor.

Supplemental information

Not applicable.

2.3 Other hazards

None.

3. SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.2 Mixtures

EC Classification Regulation (EC) No. 1272/2008 (CLP)

Chemical identity of the substance	%W/W	CAS No.	EC No.	REACH Registration No.	Hazard classification
Acetone	80	67-64-1	200-662-2	Not yet assigned in the supply chain	Flam. Liq. 2; H225 Eye Irrit. 2; H319 STOT SE 3; H336 EUH066
Phenolic Resin	<20	None assigned*	None assigned*	Not yet assigned in the supply chain	Skin Sens. 1; H317 Eye Irrit. 2; H319 Skin Irrit. 2; H315 Resp. Sens.1; H334
Phenol	<1	108-95-2	203-632-7	Not yet assigned in the supply chain	Acute Tox. 3; H301 Acute Tox. 3; H311 Skin Corr. 1B; H314 Acute Tox. 3; H331 Muta. 2; H341 STOT RE 2; H373 Aquatic Chronic 2; H411

Note: For full text of H phrases see section 16. *Phenolic Resin CAS not available (Manufacture Self Classified)

4. SECTION 4: FIRST AID MEASURES



4.1 Description of first aid measures

Self-protection of the first aider

Use personal protective equipment as required. Wear appropriate personal protective equipment, avoid direct contact. Ensure adequate ventilation. Avoid breathing vapours. Avoid contact with skin and eyes. Contaminated clothing should be laundered before reuse. Apply artificial respiration if necessary (do not employ mouth-to-mouth method). It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation.

Inhalation

IF INHALED: If breathing is difficult, remove to fresh air and keep at rest in a position comfortable for breathing. If experiencing respiratory symptoms: Call a POISON CENTER/doctor.

Skin Contact

IF ON SKIN (or hair): Remove/take off immediately all contaminated clothing. Wash with plenty of water. If skin irritation or rash occurs: Get medical advice/attention.

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Eye Contact

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists, get medical advice/attention.

Ingestion

Rinse mouth. Obtain medical attention if symptoms appear or if large quantities have been ingested. Do not induce vomiting unless instructed to do so by medical personnel.

4.2 Most important symptoms and effects, both acute and delayed

Causes skin irritation. May cause an allergic skin reaction. Causes serious eye irritation. May cause allergy or asthma symptoms or breathing difficulties if inhaled. May cause drowsiness and dizziness.

4.3 Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

Notes to a physician:

IF INHALED: Symptoms may be delayed for as long as 48 hours following exposure.

5. SECTION 5: FIRE-FIGHTING MEASURES

5.1 Extinguishing media

Suitable Extinguishing Media
Unsuitable extinguishing Media

Extinguish with carbon dioxide, dry chemical, foam or waterspray.

Do not use water jet. Direct water jet may spread the fire.

5.2 Special hazards arising from the substance or mixture

Highly flammable liquid and vapour. Decomposes in a fire giving off toxic fumes: Carbon monoxide, Carbon dioxide. Prevent liquid entering sewers, basements and workpits; vapour may create explosive atmosphere. Vapours are heavier than air and may travel considerable distances to a source of ignition and flashback.

5.3 Advice for fire-fighters

Fight fire with normal precautions from a reasonable distance. Fire fighters should wear complete protective clothing including self-contained breathing apparatus. Keep containers cool by spraying with water if exposed to fire. Avoid release to the environment.

6. SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

Caution - spillages may be slippery. Shut off leaks if without risk. Ensure adequate ventilation. Avoid breathing vapours. Ensure suitable personal protection during removal of spillages. See chapter 8 of the safety data sheet (Personal protection equipment). Avoid contact with skin and eyes. Remove contaminated clothing and gloves and wash before re-use.

6.2 Environmental precautions

Avoid release to the environment. Do not allow to enter drains, sewers or watercourses.

6.3 Methods and material for containment and cleaning up

Provided it is safe to do so, isolate the source of the leak. Adsorb spillages onto sand, earth or any suitable adsorbent material. Transfer to a container for disposal. Dispose of this material and its container as hazardous waste. Allow small spillages to evaporate provided there is adequate ventilation.

6.4 Reference to other sections

See Section: 8,13

7. SECTION 7: HANDLING AND STORAGE

7.1 Precautions for safe handling

Avoid splashing. Ensure adequate ventilation. Avoid breathing vapours. Avoid generation of mist. In case of inadequate ventilation wear respiratory protection. Avoid contact with skin and eyes. Good hygiene practices and housekeeping measures. Wear protective gloves/eye protection. Do not eat, drink or smoke when using this product. Wash hands and exposed skin after use. Contaminated clothing should be laundered before reuse.

7.2 Conditions for safe storage, including any incompatibilities

Keep container tightly closed and in a well-ventilated place. Keep away from heat and direct sunlight. Keep away from food, drink and animal feeding stuffs. Keep out of reach of children.

Storage temperature

Keep in a cool, dry place. Store at room temperature.

Storage life

>5 Year(s)

Incompatible materials

Strong oxidising agents, Strong acids and alkali. Amines

7.3 Specific end use(s)

See Section: 1.2

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8. SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters

8.1.1 Occupational Exposure Limits

SUBSTANCE	CAS No.	LTEL (8 hr TWA ppm)	LTEL (8 hr TWA mg/m³)	STEL (ppm)	STEL (mg/m³)	Note
Acetone	67-64-1	500	1210	1500	3620	WEL
		500	1210	-	-	IOELV
Phenol	108-95-2	2	7.8	4	16	WEL, Sk
		2	8	4	16	IOELV, Sk

Source: WEL: Workplace Exposure Limit (UK HSE EH40). IOELV: Indicative Occupational Exposure Limit Value, Sk - Can be absorbed through skin.

8.1.2 Biological limit value

Not established.

8.1.3 PNECs and DNELs

None assigned.

8.2 Exposure controls

8.2.1 Appropriate engineering controls

Ensure operatives are trained to minimise exposures. Ensure adequate ventilation. Good hygiene practices and housekeeping measures. Keep container tightly closed and dry. Store in a cool/low-temperature, well-ventilated (dry) place.

8.2.2 Individual protection measures, such as personal protective equipment (PPE)

Use personal protective equipment as required. Avoid contact with skin, eyes or clothing. Ensure adequate ventilation. Avoid generation of mist. Contaminated clothing should be thoroughly cleaned. Wash hands before breaks and after work. Protective clothing should be selected specifically for the working place, depending on concentration and quantity of the hazardous substances handled. The resistance of the protective clothing to chemicals should be ascertained with the respective supplier.

Eye/face protection



Use eye protection according to EN 166, designed to protect against liquid splashes.

Skin protection



Hand protection

Wear impervious gloves (EN374). Gloves should be changed regularly to avoid permeation problems. Breakthrough time of the glove material: refer to the information provided by the gloves' producer. Protective index 6, corresponding > 480 minutes of permeation time according to EN 374
Recommended: Butyl rubber (Minimum thickness 0.5mm)

Body protection

Wear impervious protective clothing, including boots, lab coat, apron or coveralls, as appropriate, to prevent skin contact.

Respiratory protection



Respiratory protection is not necessary if room is well ventilated. In case of inadequate ventilation wear respiratory protection.

Thermal hazards

Not applicable.

8.2.3 Environmental Exposure Controls

Avoid release to the environment.

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9. SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Appearance	Colorless Liquid
Odour	Acetone
Odour Threshold	Not established
pH	Not established
Melting Point/Freezing Point	Not established
Initial boiling point and boiling range	Mixture: Not established Acetone: 56.05°C
Flash point	-6.5°C
Evaporation Rate	<1
Flammability (solid, gas)	Not relevant - liquid mixture
Upper/lower flammability or explosive limits	Not established
Vapour pressure	231 mmHg@25°C
Vapour density	2.0
Relative density	0.800 @25°C
Solubility(ies)	Partly miscible with water.
Partition coefficient: n-octanol/water	Not established
Auto-ignition temperature	Not established
Decomposition Temperature	Not established
Viscosity	0.32 cps @20°C
Explosive properties	Components of the mixture do not contain any chemical groups indicating explosive properties.
Oxidising properties	Components of the mixture do not contain any chemical groups indicating oxidising properties.

9.2 Other information

None known.

10. SECTION 10: STABILITY AND REACTIVITY

10.1 Reactivity	Stable under normal conditions.
10.2 Chemical stability	Stable under normal conditions.
10.3 Possibility of hazardous reactions	Vapour is explosive in air at temperatures higher than the flash point. Vapours are heavier than air and may travel considerable distances to a source of ignition and flashback.
10.4 Conditions to avoid	Keep away from sources of ignition - No smoking.
10.5 Incompatible materials	Strong oxidising agents, Strong acids and alkali. Amines
10.6 Hazardous decomposition product(s)	Decomposes in a fire giving off toxic fumes: Carbon monoxide, Carbon dioxide.

11. SECTION 11: TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects (Substances in preparations / mixtures)

Acute toxicity

Acute toxicity - Ingestion

Based upon the available data, the classification criteria are not met.
Acute Toxicity Estimate Mixture Calculation LD50 > 2000 mg/kg bw/day
Based upon the available data, the classification criteria are not met.
Acute Toxicity Estimate Mixture Calculation LC50 > 20 mg/l

Acute toxicity - Inhalation

Acute toxicity - Skin Contact

Based upon the available data, the classification criteria are not met.
Acute Toxicity Estimate Mixture Calculation LD50 > 2000 mg/kg bw/day
Skin Irrit. 2; Causes skin irritation.

Skin corrosion/irritation

Acetone:

EUH066: Repeated exposure may cause skin dryness or cracking.

Phenolic Resin:

Skin Irrit. 2; H315

No data

Serious eye damage/irritation

Acetone:

Eye Irrit. 2; Causes serious eye irritation.

Eye Irrit. 2; H319

Irritating to eyes. (rabbit) (Smyth HF et al, 1962)

Phenolic Resin:

Eye Irrit. 2; H319

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Skin sensitization

Phenolic Resin:

No data

Skin Sens. 1; May cause an allergic skin reaction.

Skin Sens. 1; H317

No data

Respiratory sensitization

Phenolic Resin:

Resp. Sens. 1; May cause allergy or asthma symptoms or breathing difficulties if inhaled.

Resp. Sens. 1; H334

No data

Germ cell mutagenicity

Carcinogenicity

Reproductive toxicity

STOT - single exposure

Acetone:

Based on available data, the classification criteria are not met.

Based on available data, the classification criteria are not met.

Based on available data, the classification criteria are not met.

STOT SE 3; May cause drowsiness and dizziness.

STOT SE 3; H336

Weight of evidence approach: Observations relevant to classification (rat) (Bruckner JV, Peterson RG, 1981)

Based on available data, the classification criteria are not met.

Based on available data, the classification criteria are not met.

STOT - repeated exposure

Aspiration hazard

11.2 Other information

None.

12. SECTION 12: ECOLOGICAL INFORMATION

12.1 Toxicity

Based on available data, the classification criteria are not met.

Estimated LC50 (Mixture): >100 mg/l.

12.2 Persistence and degradability

Acetone:

No data for the mixture as a whole.

Phenolic Resin:

Readily biodegradable (according to OECD criteria).

Phenol:

No data

Readily biodegradable (according to OECD criteria).

12.3 Bioaccumulative potential

Acetone:

No data for the mixture as a whole.

Phenolic Resin:

The substance has low potential for bioaccumulation.

Phenol:

No data

The substance has low potential for bioaccumulation.

12.4 Mobility in soil

Acetone:

No data for the mixture as a whole.

Phenolic Resin:

The substance is predicted to have high mobility in soil. Miscible with water.

Phenol:

No data

The substance is predicted to have high mobility in soil. Soluble in water.

12.5 Results of PBT and VPVB assessment

Not classified as PBT or vPvB.

12.6 Other adverse effects

None known.

13. SECTION 13: DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

Do not allow to enter drains, sewers or watercourses. Dispose of this material and its container as hazardous waste. Disposal should be in accordance with local, state or national legislation.

14. SECTION 14: TRANSPORT INFORMATION

	ADR/RID	IMDG	IATA/ICAO
14.1 UN number	UN 1090	UN 1090	UN 1090
14.2 UN proper shipping name	ACETONE 80% SOLUTION	ACETONE 80% SOLUTION	ACETONE 80% SOLUTION
14.3 Transport hazard class(es)	3	3	3
14.4 Packing group	II	II	II
14.5 Environmental hazards	Not classified	Not classified as a Marine Pollutant.	Not classified
14.6 Special precautions for user	See Section: 2		
14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code	Not applicable	Not applicable	Not applicable
	None.		

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15. SECTION 15: REGULATORY INFORMATION

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

15.1.1 EU regulations

Authorisations and/or Restrictions On Use

CoRAP Substance Evaluation

15.1.2 National regulations

15.2 Chemical Safety Assessment

Acetone: Entry 40: Restricted in aerosol dispensers intended for supply to the general public for entertainment and decorative purposes.

Phenol: Substance evaluated in 2015; evaluating Member State has proposed to ask the registrants to provide further information

None known

A chemical safety assessment is not required under REACH.

16. SECTION 16: OTHER INFORMATION

References:

Safety Data Sheets for ingoing ingredients. Harmonised Classification and Existing ECHA registration(s) for Acetone (CAS No. 67-64-1), Phenol (CAS No. 108-95-2)

Literature References:

1. Smyth HF, Carpenter CP, Weil CS, Pozzani UC, Striegel JA, 1962, Range-finding toxicity data: List VI, Am Ind Hyg Assoc J 23: 95-107
2. Bruckner JV, Peterson RG, 1981, Evaluation of toluene and acetone inhalant abuse. I. Pharmacology and pharmacodynamics, Toxicol Appl Pharmacol 61: 27-38

EU Classification: This Safety Data Sheet was prepared in accordance with EC Regulation (EC) 1907/2006 (REACH), 1272/2008 (CLP) & 2015/830.

Classification of the substance or mixture According to Regulation (EC) No. 1272/2008 (CLP)	Classification Procedure
Flam. Liq. 2; H225	Flash Point Test Result [Closed cup] / Expert judgement: Boiling Point (°C) 56.05°C (Acetone)
Skin Irrit. 2; H315	Threshold Calculation
Skin Sens. 1; H317	Threshold Calculation
Eye Irrit. 2; H319	Threshold Calculation
Resp. Sens. 1; H334	Threshold Calculation
STOT SE 3; H336	Threshold Calculation

LEGEND

LTEL	Long Term Exposure Limit
STEL	Short Term Exposure Limit
DNEL	Derived No Effect Level
PNEC	Predicted No Effect Concentration
PBT	PBT: Persistent, Bioaccumulative and Toxic
vPvB	vPvT: very Persistent and very Toxic

Hazard classification / Classification code:

Flam. Liq. 2; Flammable Liquid, Category 2
Acute Tox. 3; Acute toxicity, Category 3
Acute Tox. 3; Acute toxicity, Category 3
Skin Corr. 1B; Skin corrosion/irritation, Category 1B
Skin Irrit. 2; Skin corrosion/irritation, Category 2
Skin Sens. 1; Skin Sensitisation, Category 1
Eye Irrit. 2; Eye Irritation, Category 2
Acute Tox. 3; Acute toxicity, Category 3
Resp. Sens. 1; Respiratory sensitization, Category 1

STOT SE 3; Specific target organ toxicity — single exposure, Category 3
Muta. 2; Germ cell mutagenicity, Category 2

Hazard Statement(s)

H225: Highly flammable liquid and vapour.
H301: Toxic if swallowed.
H311: Toxic in contact with skin.
H314: Causes severe skin burns and eye damage.
H315: Causes skin irritation.
H317: May cause an allergic skin reaction.
H319: Causes serious eye irritation.
H331: Toxic if inhaled.
H334: May cause allergy or asthma symptoms or breathing difficulties if inhaled.
H336: May cause drowsiness or dizziness.
H341: Suspected of causing genetic defects.

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STOT RE 2; Specific target organ toxicity — repeated exposure, Category 2

Aquatic Chronic 2; Hazardous to the aquatic environment, Chronic , Category 2

H373: May cause damage to organs through prolonged or repeated exposure.

H411: Toxic to aquatic life with long lasting effects.

EUH066: Repeated exposure may cause skin dryness or cracking.

Training advice: Consideration should be given to the work procedures involved and the potential extent of exposure as they may determine whether a higher level of protection is required.

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Annex to the extended Safety Data Sheet (eSDS)

Not applicable