

SAFETY DATA SHEET

Absorbine® UltraShield® Green


Version: 1.0 Date: 30 November 2018

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 Absorbine® UltraShield® Green
- 1.2 Relevant identified uses of the substance or mixture and uses advised against**
Identified Use(s) Horse Spray
Uses Advised Against Do not ingest.
- 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)** Eye Irrit. 2; H319
- 2.2 Label elements** According to Regulation (EC) No. 1272/2008 (CLP)
Product Name Absorbine® UltraShield® Green
Contains: Not applicable.
- Hazard Pictogram(s) 
- Signal Word(s) WARNING
- Hazard Statement(s) H319: Causes serious eye irritation.
- Precautionary Statement(s) P261: Avoid breathing spray.
P264: Wash hands and exposed skin thoroughly after handling.
P280: Wear protective gloves/protective clothing/eye protection/face protection.
P301+P330+P331: IF SWALLOWED: rinse mouth. Do NOT induce vomiting.
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.
- Supplemental information EUH208: Contains: Geraniol. May produce an allergic reaction.
- 2.3 Other hazards** None.

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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
Sodium Lauryl Sulfate	>1-<3	68585-47-7	271-557-7	Not yet assigned in the supply chain	Acute Tox. 4; H302 Skin Irrit. 2; H315 Eye Irrit. 2; H319
Geraniol	>=0.1	106-24-1	203-377-1	Not yet assigned in the supply chain	Skin Irrit. 2; H315 Skin Sens. 1; H317 Eye Dam. 1; H318

Note: For full text of H phrases see section 16.

4. SECTION 4: FIRST AID MEASURES



4.1 Description of first aid measures

Self-protection of the first aider

Inhalation

Skin Contact

Eye Contact

Ingestion

Use personal protective equipment as required. Avoid contact with skin and eyes. Contaminated clothing should be laundered before reuse.

IF INHALED: If breathing is difficult, remove to fresh air and keep at rest in a position comfortable for breathing.

After contact with skin, wash immediately with plenty of soap and water. If skin irritation or rash occurs: Get medical advice/attention.

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.

Rinse mouth. Give plenty of water to drink. Do not give anything by mouth to an unconscious person. Do not induce vomiting unless instructed to do so by medical personnel.

4.2 Most important symptoms and effects, both acute and delayed

Causes serious eye irritation. May cause allergic reaction in susceptible people.

4.3 Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

Notes to a physician:

Not applicable

5. SECTION 5: FIRE-FIGHTING MEASURES

5.1 Extinguishing media

Suitable Extinguishing Media

Unsuitable extinguishing Media

Non-flammable. Fight fire with normal precautions from a reasonable distance.

Direct water jet may spread the fire.

5.2 Special hazards arising from the substance or mixture

Decomposes in a fire giving off toxic fumes: Sulphur oxides, Oxides of carbon

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 run off to waterways and sewers.

6. SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

Caution - spillages may be slippery. Ensure suitable personal protection during removal of spillages. 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.

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- | | | |
|-----|---|---|
| 6.3 | Methods and material for containment and cleaning up | Wash the spillage area with water. Ensure suitable personal protection during removal of spillages. |
| 6.4 | Reference to other sections | See Section: 8,13 |

7. SECTION 7: HANDLING AND STORAGE

- | | | |
|-----|---|--|
| 7.1 | Precautions for safe handling | Avoid splashing. Avoid contact with skin and eyes. 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. Keep away from food, drink and animal feeding stuffs. Keep out of reach of children. |
| | Storage temperature | Store at room temperature. |
| | Storage life | Stable under normal conditions. |
| | Incompatible materials | Not applicable. |
| 7.3 | Specific end use(s) | See Section: 1.2 |

8. SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

- | | | |
|-------|--|--|
| 8.1 | Control parameters | |
| 8.1.1 | Occupational Exposure Limits | No WEL: Workplace Exposure Limit (UK HSE EH40) |
| 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 | Good hygiene practices and housekeeping measures. Keep container tightly closed. |
| 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. 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.

Body protection

Wear work clothes with long sleeves.

Respiratory protection



Respiratory protection is not necessary if room is well ventilated.

Thermal hazards

Not applicable.

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8.2.3 Environmental Exposure Controls

Avoid release to the environment.

9. SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Appearance	Cloudy
Odour	Herbal Basil Type
Odour Threshold	Not established
pH	5.5 - 6.5
Melting Point/Freezing Point	Not established
Initial boiling point and boiling range	100 °C / 212 °F
Flash point	93.3 °C / 200 °F
Evaporation Rate	Not established
Flammability (solid, gas)	Not relevant - liquid mixture
Upper/lower flammability or explosive limits	Not established
Vapour pressure	Not established
Vapour density	Not established
Relative density	Not established
Solubility(ies)	Not established
Partition coefficient: n-octanol/water	Not established
Auto-ignition temperature	Not established
Decomposition Temperature	Not established
Viscosity	Not established
Explosive properties	Not explosive.
Oxidising properties	Not oxidising.

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	Hazardous polymerisation will not occur. Non-flammable.
10.4 Conditions to avoid	None known.
10.5 Incompatible materials	None known.
10.6 Hazardous decomposition product(s)	None known.

11. SECTION 11: TOXICOLOGICAL INFORMATION

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

Acute toxicity

Acute toxicity - Ingestion

Acute toxicity - Inhalation

Acute toxicity - Skin Contact

Skin corrosion/irritation

Serious eye damage/irritation

Sodium Lauryl Sulfate

Skin sensitization

Geraniol

Respiratory sensitization

Germ cell mutagenicity

Carcinogenicity

Reproductive toxicity

STOT - single exposure

STOT - repeated exposure

Aspiration hazard

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

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

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

Eye Irrit. 2; Causes serious eye irritation.

Eye Irrit. 2; H319

Mean cornea score: 2.3, Mean iris score: 1, Mean conjunctivae score: 2.3, Mean chemosis score: 2.9 OECD 405 Guideline ECHA registration dossier
May produce an allergic reaction in persons already sensitised.

Skin Sens. 1; H317

Sensitisation (mouse) - Positive (OECD 429)

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

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11.2 Other information None.

12. SECTION 12: ECOLOGICAL INFORMATION

12.1	Toxicity	Based upon the available data, the classification criteria are not met.
12.2	Persistence and degradability	No data for the mixture as a whole. The single components are biodegradable.
	Sodium Lauryl Sulfate	Readily biodegradable. Degradation rate (%): 90-100 (OECD 301 D) ECHA registration dossier
	Geraniol	Readily biodegradable. Degradation rate (%): 94% OECD 301A ECHA registration dossier
12.3	Bioaccumulative potential	No data for the mixture as a whole. Part of the components can be readily eliminated from water.
	Sodium Lauryl Sulfate	No data.
	Geraniol	Not anticipated to bioaccumulate. Log Pow: 2.6 ECHA registration dossier
12.4	Mobility in soil	No data for the mixture as a whole.
	Sodium Lauryl Sulfate	Koc: 316-446 No Guideline followed ECHA registration dossier
	Geraniol	The product has high mobility in soil. Koc: 1.85 ECHA registration dossier
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. Disposal should be in accordance with local, state or national legislation.

14. SECTION 14: TRANSPORT INFORMATION

Not classified according to the United Nations 'Recommendations on the Transport of Dangerous Goods'.

	ADR/RID	IMDG	IATA/ICAO
14.1	UN number	Not applicable.	Not applicable.
14.2	UN proper shipping name	Not applicable.	Not applicable.
14.3	Transport hazard class(es)	Not applicable.	Not applicable.
14.4	Packing group	Not applicable.	Not applicable.
14.5	Environmental hazards	Not classified	Not classified
14.6	Special precautions for user	Not applicable.	
14.7	Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code	Not applicable	Not applicable

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	Not restricted
	CoRAP Substance Evaluation	None known
15.1.2	National regulations	None known
15.2	Chemical Safety Assessment	A chemical safety assessment is not required under REACH.

16. SECTION 16: OTHER INFORMATION

The following sections contain revisions or new statements: Not applicable – V1.0

References:

Safety Data Sheets for ingoing ingredients. EU classification and labelling inventory and Existing ECHA registration(s) for Sodium Lauryl Sulfate (CAS# 68585-47-7) and Geraniol (CAS# 106-24-1)

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

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Classification of the substance or mixture According to Regulation (EC) No. 1272/2008 (CLP)	Classification Procedure
Eye Irrit. 2; H319	Threshold Calculation
EUH208: Contains: Geraniol	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:

Acute Tox. 4; Acute toxicity, Category 4
Skin Irrit. 2; Skin corrosion/irritation, Category 2
Skin Sens. 1; Skin Sensitisation, Category 1
Eye Dam. 1; Eye damage, category 1
Eye Irrit. 2; Eye Irritation, Category 2

Hazard Statement(s)

H302: Harmful if swallowed.
H315: Causes skin irritation.
H317: May cause an allergic skin reaction.
H318: Causes serious eye damage.
H319: Causes serious eye irritation.
EUH208: Contains: (name of sensitising substance).. May produce an allergic reaction.

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