

## Safety Data Sheet

According to Regulation (EC) 1907/2006

SDS completed: 17.09.2019

Version No: 4

Revision No: 1

Supersedes: SDS dated 08.05.2019

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

#### 1.1 Product identifier

Product Name SIMPLE SOLUTION PUPPY AID TRAINING SPRAY

Product Code(s) 92027

#### 1.2 Relevant identified uses of the substance or mixture and uses advised against

Recommended Use For amateur use as an animal training aid

#### 1.3 Details of the supplier of the safety data sheet

Company Manna Pro  
Barnack House  
Suite 2  
Orton Southgate  
Peterborough  
PE2 6GP  
Technical Phone No. 44-(0)-1733 404390 (Office Hours)  
Fax 44-(0)-1733 685437  
E-mail Address admin@mannaprouk.com

#### 1.4 Emergency telephone number

Emergency Phone +44-(0)-1733 404390 (Office Hours)

### SECTION 2: HAZARDS IDENTIFICATION

#### 2.1 Classification of the substance or mixture

CLASSIFICATION according to Regulation EC 1272/2008 Classification, Labelling and Packaging  
Not classified.

#### 2.2 Label elements

There are no statutory label elements

#### 2.3 Other hazards

EUH208 Contains: Geraniol. May produce an allergic reaction.  
Mixture not classed as PBT or vPvB

### SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

#### 3.2 Mixtures

Chemical Name	CAS-No./ EC-No.	Annex Index/ REACH number	Classification according to Regulation EC 1272/2008:	Concentration [%]
2,6-Di-tert-butyl- p-cresol	128-37-0/ 204-881-4	-/ 01-2119480433-40	Aquatic Acute 1; H400 M=1 Aquatic Chronic 1; H410 M=1  Substance with Workplace Exposure Limit	0.1 - 0.2

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Geraniol	106-24-1/ 203-377-1	-/-	Skin Irrit. 2; H315 Skin Sens. 1; H317 Eye Dam. 1; H318	≤ 0.1
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### SECTION 4: FIRST AID MEASURES

#### 4.1 Description of first aid measures

##### GENERAL ADVICE

Consult a physician in all cases of doubt. Show this safety data sheet to the doctor in attendance.

##### AFTER INHALATION

If breathed in, move person into fresh air.

##### AFTER SKIN CONTACT

Wash off with soap and water.

##### AFTER EYE CONTACT

Rinse thoroughly with plenty of water for at least 15 minutes, if any soreness or irritation persists seek medical advice.

##### AFTER INGESTION

Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Rinse mouth with water. Obtain medical advice if any irritation persists.

#### 4.2 Most important symptoms and effects, both acute and delayed

None reported.

#### 4.3 Indication of any immediate medical attention and special treatment needed

None reported.

### SECTION 5: FIRE FIGHTING MEASURES

#### 5.1 Extinguishing media

##### EXTINGUISHING MEDIA

Suitable extinguishing media: Not expected to be flammable. Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

#### 5.2 Special hazards arising from the substance or mixture

Not expected to be flammable. When exposed to high temperatures, the preparation may release dangerous decomposition products such as carbon monoxide and dioxide, smoke and/or nitrogen oxide. Material can create slippery conditions.

#### 5.3 Advice for firefighters

Firefighters should wear a self-contained breathing apparatus and full protective gear.

SPECIFIC METHOD(S) OF FIRE FIGHTING Use water spray to cool fire-exposed containers.

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### SECTION 6: ACCIDENTAL RELEASE MEASURES

#### 6.1 Personal precautions, protective equipment and emergency procedures

Avoid contact with skin, eyes, and clothing. Use personal protective equipment. Refer to protective measures listed in sections 7 and 8. Prevent further leakage or spillage if safe to do so. Material can create slippery conditions

#### 6.2 Environmental precautions

Avoid release of neat product into surface water and sanitary sewage system.

#### 6.3 Methods and material for containment and cleaning up

##### Methods for Containment

Contain spillage, soak up with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and transfer to a container for disposal according to local / national regulations (see section 13).

##### Methods for Cleaning up

Clean preferably with a detergent, do not use solvents.

#### 6.4. Reference to other sections

Refer to sections 7, 8 and 13

### SECTION 7: HANDLING AND STORAGE

#### 7.1 Precautions for safe handling

Avoid contact with skin, eyes and clothing. Avoid breathing vapours or mists. Do not eat, drink or smoke when using this product. Ensure adequate ventilation.

#### 7.2 Conditions for safe storage, including any incompatibilities

Store in original container. Keep containers tightly closed in a dry, cool and well-ventilated place. Keep out of the reach of children.

#### 7.3 Specific end use(s)

For amateur use as an animal training aid.

### SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

#### 8.1 Control parameters

Workplace exposure Limits as defined by UK HSE in document EH40/2005 where available:

Workplace Exposure Limits as defined by OHS-102 in document 2-110, 2003 where available:						
Substance	CAS number	Workplace Exposure Limit				Comments
		Long-term exposure limit (8-hr TWA reference period)		Short-term exposure limit (15 minute reference period)		
		ppm	mg.m <sup>-3</sup>	ppm	mg.m <sup>-3</sup>	The Carc, Sen and Sk notations are not exhaustive. Notations have been applied to the substances identified in IOELV Directives

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2,6-Di-tert-butyl-p-cresol	128-37-0	-	10	-	-	-
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### 2,6-Di-tert-butyl-p-cresol:

DNEL Industry - Inhalation: 2mg/m<sup>3</sup>

These values are based on the recommendations on the CSR of the manufacturer

PNEC Industry - water; LC50 (96hr) Pimephales promelas = 49800 mg/l 0.004 mg/l

These recommendations are based on the CSR of the manufacturer

Industry - Sediment; LC50 (96hr) Pimephales promelas = 49800 mg/l 0.731 mg/kg

Industry - Soil; 0.350 mg/l

**Source:** SDS dated 29/06/2017, OQEMA LTD

## 8.2 Exposure controls

### Engineering Measures

General ventilation is normally adequate

### Personal Protective Equipment

Use personal protection equipment as per Directive 89/686/EEC

### Hand Protection

Long term use eg: continuous wear or immersion;. Wear suitable protective gloves conforming to EN 374. Type of gloves suggested : Nitrile rubber, PVC, Neoprene gloves. For break through times, refer to glove manufacturers recommendations.

### Eye Protection

Safety glasses if the method of use presents the likelihood of eye contact. Approved to EN 166.

### General Hygiene Considerations

Do not eat, drink or smoke when using this product. Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

### 9.1 Information on basic physical and chemical properties

Appearance:	Colourless liquid
Physical State:	liquid
Odour:	No information available
pH	7.8 to 8.2
Boiling point:	No information available
Melting point:	No information available
Flash Point	No information available
Density	1.0 – 1.1 g/cm <sup>3</sup>
Viscosity	No information available
Solubility	No information available
Autoignition Temperature	No information available
Flammability Limits in Air %	Not applicable
Evaporation Rate	No information available



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Vapor Pressure	No information available
Vapor Density	No information available
Explosive properties	No information available
Oxidizing Properties	No information available
VOC Content (%)	No information available

### 9.2 Other information

None available.

## SECTION 10: STABILITY AND REACTIVITY

### 10.1 Reactivity

No reactions reported.

### 10.2 Chemical stability

Stability: Stable under recommended storage conditions.

Materials to Avoid: No chemical incompatibility is known.

### 10.3 Possibility of hazardous reactions

None reported.

### 10.4 Conditions to avoid

Keep out of direct sunlight. Keep container tightly closed.

### 10.5 Incompatible materials

None reported.

### 10.6 Hazardous decomposition products

Hazardous Polymerization: Will not occur

No chemical incompatibility is known.

## SECTION 11: TOXICOLOGICAL INFORMATION

### 11.1 Information on toxicological effects

Acute toxicity:	Not expected to be toxic.
Skin corrosion/irritation:	Product is not classified as a skin corrosive/irritant.
Serious eye damage/irritation:	Product is not classified as causing eye damage or irritation.
Respiratory or skin sensitisation:	Product is not classified for respiratory or skin sensitisation.
Germ cell mutagenicity:	No information specified.
Carcinogenicity:	No information specified.
Reproductive toxicity:	No information specified.
STOT-single exposure:	Product is not classified as having Specific Target Organ Toxicity for single exposure
STOT-repeated exposure:	No information specified.
Aspiration hazard:	No information specified.



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## SECTION 12: ECOLOGICAL INFORMATION

### 12.1 Toxicity

The mixture is not classified as harmful to the environment.

#### Toxicological information on hazardous ingredients where available:

##### 2,6-Di-tert-butyl-p-cresol

Acute aquatic toxicity

Acute toxicity - fish LC50, LC50 (96hr) Pimephales promelas = 49800 mg/l : 0.464 mg/l, LC50 (96hr) Pimephales promelas = 49800 mg/l

NOEC, : 0.053 mg/l,

ECOSAR estimated (fish)

Acute toxicity - aquatic invertebrates

EC<sub>50</sub>, : 0.386 mg/l,

EC<sub>50</sub>, : 0.84 mg/l,

ECOSAR estimated (invertebrates)

NOEC 0.061 mg/l ECOSAR estimated

Chronic toxicity LC50 0.096 mg/l Invertebrates measured

Acute toxicity - aquatic plants EC<sub>50</sub>, : 0.057 mg/l,

NOEC, : 0.363 mg/l,

ECOSAR estimated

ECOSAR estimated

Acute toxicity - terrestrial PNEC = soil 0.350 mg/kg

**Source:** SDS dated 29/06/2017, OQEMA LTD

### 12.2 Persistence and degradability

The surfactant(s) contained in this preparation complies (comply) with the biodegradability criteria as laid down in Regulation (EC) No.648/2004 on detergents. Data to support this assertion are held at the disposal of the competent authorities of the Member States and will be made available to them, at their direct request or at the request of a detergent manufacturer.

### 12.3 Bioaccumulative potential

Information not available.

### 12.4 Mobility in soil

Soluble in water.

### 12.5 Results of PBT and vPvB assessment

The components in this formulation do not meet the criteria for classification as PBT or vPvB, as defined under the regulation EC 1907/2006.

### 12.6 Other adverse effects

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None specified.

### SECTION 13: DISPOSAL CONSIDERATIONS

#### 13.1 Waste treatment methods

Waste from Residues / Unused Products

Collect and transport to authorised waste disposal contractor for treatment.

### SECTION 14: TRANSPORT INFORMATION

#### 14.1 UN number

Not classified

#### 14.2 UN proper shipping name

Not classified

#### 14.3 Transport hazard class(es)

Not classified

#### 14.4 Packing group

Not classified

#### 14.5 Environmental hazards

Not classified

#### 14.6 Special precautions for user

Remarks:

Not classified as hazardous according to ADR European Agreement Concerning the International Carriage of Dangerous Goods by Road.

#### 14.7 Transport in bulk according to Annex II of Marpol and the IBC Code

Applicable for Maritime bulk transport only. Check with carrier.

### SECTION 15: REGULATORY INFORMATION

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

This product is classified and labelled in accordance with Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures, and Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH).

*WGK Classification*

Low hazard to waters (WGK 1), Classification according AwSV.

#### 15.2 Chemical safety assessment

Chemical safety assessment not undertaken for this product.



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### SECTION 16: OTHER INFORMATION

#### Abbreviations:

Aquatic Acute 1	Aquatic Acute Toxicity category 1
Aquatic Chronic 1	Aquatic Chronic Toxicity category 1
DNEL	Derived No-Effect Level
ECOSAR	Ecological Structure Activity Relationships [program]
Eye Dam. 1	Eye Damage category 1
NOEC	No Observed Effect Concentration
PBT	Persistent, bioaccumulative and toxic.
PNEC	Predicted No-Effect Concentration
Skin Irrit. 2	Skin Irritation category 2
Skin Sens. 1	Skin sensitivity category 1
STOT	Specific Target Organ Toxicity
vPvB	very Persistent and very Bioaccumulative.

#### Full text of H-statements referred to under section 3:

H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.

#### WARRANTY

The information given in this safety data sheet is based on knowledge available at the time of completion and is intended to describe the product only in terms of health and safety requirements. It does not signify any warranty with regard to specific properties or specifications.

