



# SAFETY DATA SHEET

according to Regulation (EC) No 1907/2006 (REACH) as amended

## Medo Midnight Pump Spray

Creation date 03rd February 2020  
Revision date Version 1.0

### SECTION 1: Identification of the substance/mixture and of the company/undertaking

- 1.1. Product identifier**  
Substance / mixture Kraco Midnight Pump Spray PUM250-129  
Number Kraco-MI
- 1.2. Relevant identified uses of the substance or mixture and uses advised against**  
Mixture's intended use Air freshener.  
Mixture uses advised against The product should not be used in ways other than those referred in Section 1.

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

Name or trade name Opal Products Limited  
Address Unit 6 Swannington Road  
Cottage Lane Industrial Estate  
Broughton Astley  
Leicester  
LE9 6TU  
Phone +44 (0) 1455 286887  
E-mail enquires@opalproducts.co.uk  
Web address www.opalproducts.co.uk

#### Competent person responsible for the safety data sheet

Name Tomáš Hrubý  
E-mail tomas.hruby@jees.cz

### 1.4. Emergency telephone number

National Health Service (NHS) 111  
UK Office (Monday - Friday 09:00 to 17:00): +44 (0) 1455 286887

### SECTION 2: Hazards identification

#### 2.1. Classification of the substance or mixture

##### Classification of the mixture in accordance with Regulation (EC) No 1272/2008

The mixture is classified as dangerous.

Aquatic Chronic 3, H412

Full text of all classifications and hazard statements is given in the section 16.

##### Most serious adverse effects on human health and the environment

Harmful to aquatic life with long lasting effects.

#### 2.2. Label elements

##### Hazard statements

H412 Harmful to aquatic life with long lasting effects.

##### Precautionary statements

P101 If medical advice is needed, have product container or label at hand.

P102 Keep out of reach of children.

P301+P310 IF SWALLOWED: Immediately call a POISON CENTER/doctor.

P501 Dispose of contents/container to in accordance with local regulations.

##### Supplemental information

EUH 208 Contains Hexel salicylate, 1-(1,2,3,4,5,6,7,8-octahydro-2,3,8,8-tetramethyl-2-naphthyl) ethan-1-one. May produce an allergic reaction.

#### 2.3. Other hazards

Mixture does not contain any substance meet the criteria for PBT or vPvB in accordance with Annex XIII of Regulation (EC) No. 1907/2006 (REACH) as amended.



# SAFETY DATA SHEET

according to Regulation (EC) No 1907/2006 (REACH) as amended

## Kraco Midnight Pump Spray

Creation date

03rd February 2020

Revision date

Version

1.0

### SECTION 3: Composition/information on ingredients

#### 3.2. Mixtures

##### Chemical characterization

Mixture of substances and additives specified below.

**Mixture contains these hazardous substances and substances with the highest permissible concentration in the working environment**

Identification numbers	Substance name	Content in % weight	Classification according to Regulation (EC) No 1272/2008	Note.
CAS: 7232-18-5 EC: 231-791-2	Water	82,55		
CAS: 64-17-5 EC: 200-578-6	Ethanol	14,99	Flam. Liq. 2, H225	
CAS: 18479-58-8 EC: 242-362-4 Registration number: 01-2119457274-37-0000	Dihydromyrcenol	0,5	Skin Irrit. 2, H315 Eye Irrit. 2, H319	
CAS: 68424-85-1 EC: 270-325-2	Kvarterní amonné sloučeniny, benzyl-C12-16-alkyldimethyl, chloridy	0,49	Acute Tox. 4, H302 Skin Corr. 1B, H314	
CAS: 115-95-7 EC: 204-116-4 Registration number: 01-2119454789-19-0000	Linalyl acetate	0,25	Skin Irrit. 2, H315 Eye Irrit. 2, H319	
CAS: 6259-76-3 EC: 228-408-6 Registration number: 01-2119529223-47-0000	Hexel salicylate	0,25	Skin Irrit. 2, H315 Skin Sens. 1, H317 Eye Irrit. 2, H319 Aquatic Chronic 1, H410	
CAS: 79-33-4 EC: 201-196-2	Propanic acid, 2-hydroxy	0,19	Skin Irrit. 2, H315 Eye Dam. 1, H318	
CAS: 78-69-3 EC: 201-133-9	3,7-dimethyloctan-3-ol	0,13	Skin Irrit. 2, H315 Eye Irrit. 2, H319 Aquatic Chronic 2, H411	
CAS: 54464-57-2 EC: 259-174-3 Registration number: 01-2119489989-04-0000	1-(1,2,3,4,5,6,7,8-octahydro-2,3,8,8-tetramethyl-2-naphtyl)ethan-1-one	0,13	Skin Irrit. 2, H315 Skin Sens. 1, H317 Aquatic Chronic 2, H411	
CAS: 10339-55-6 EC: 233-732-6	3,7-dimethylnona-1,6-dien-3-ol	0,13	Skin Irrit. 2, H315 Eye Irrit. 2, H319	
CAS: 107-21-1 EC: 203-473-3	Ethan-1,2-diol	0,09	Acute Tox. 4, H302 STOT RE 2, H373	
CAS: 32388-55-9 EC: 251-020-3	[3R-(3 $\alpha$ ,3 $\beta$ ,7 $\beta$ ,8 $\alpha$ )]-1-(2,3,4,7,8,8a-hexahydro-3,6,8,8-tetramethyl-1H-3a,7-methanoazulen-5-yl)ethan-1-one	0,05	Skin Sens. 1B, H317 Aquatic Acute 1, H400 Aquatic Chronic 1, H410	
CAS: 65113-99-7 EC: 265-453-0	$\alpha$ , $\beta$ ,2,2,3-pentamethylcyclopent-3-ene-1-butanol	0,05	Aquatic Chronic 2, H411	
CAS: 25485-88-5 EC: 400-410-3	Cyclohexyl salicylate	0,05	Aquatic Chronic 2, H411	
CAS: 140-67-0 EC: 205-427-8	4-allylanisol	0,05	Acute Tox. 4, H302 Skin Sens. 1B, H317 Muta. 2, H341 Carc. 2, H351	



# SAFETY DATA SHEET

according to Regulation (EC) No 1907/2006 (REACH) as amended

## Kraco Midnight Pump Spray

Creation date	03rd February 2020		Version	1.0
Revision date				
Identification numbers	Substance name	Content in % weight	Classification according to Regulation (EC) No 1272/2008	Note.
CAS: 470-82-6 EC: 207-431-5	Cineole	0,05	Flam. Liq. 3, H226 Skin Sens. 1B, H317	
CAS: 68039-49-6 EC: 268-264-1	2,4-dimethylcyclohex-3-ene-1-carbaldehyde	0,05	Skin Irrit. 2, H315 Skin Sens. 1B, H317 Eye Irrit. 2, H319 Aquatic Chronic 3, H412	

Full text of all classifications and hazard statements is given in the section 16.

### SECTION 4: First aid measures

#### 4.1. Description of first aid measures

Take care of your own safety. If any health problems are manifested or if in doubt, inform a doctor and show him information from this safety data sheet.

##### If inhaled

Terminate the exposure immediately; move the affected person to fresh air. Protect the person against growing cold. Provide medical treatment if irritation, dyspnoea or other symptoms persist.

##### If on skin

Remove contaminated clothes. Wash the affected area with plenty of water, lukewarm if possible. Soap, soap solution or shampoo should be used if there is no skin injury. Provide medical treatment if skin irritation persists.

##### If in eyes

Rinse eyes immediately with a flow of running water, open the eyelids (also using force if needed); remove contact lenses immediately if worn by the affected person. Rinsing should continue at least for 10 minutes.

##### If swallowed

Rinse out the mouth with clean water. In the event of issues, find medical help.

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

##### If inhaled

Not expected.

##### If on skin

Not expected.

##### If in eyes

Not expected.

##### If swallowed

Not expected.

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

Symptomatic treatment.

### SECTION 5: Firefighting measures

#### 5.1. Extinguishing media

##### Suitable extinguishing media

Alcohol-resistant foam, carbon dioxide, powder, water spray jet, water mist.

##### Unsuitable extinguishing media

Water - full jet.

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

In the event of fire, carbon monoxide, carbon dioxide and other toxic gases may arise. Inhalation of hazardous degradation (pyrolysis) products may cause serious health damage.

#### 5.3. Advice for firefighters

Self-Contained Breathing Apparatus (SCBA) with a chemical protection suit only where personal (close) contact is likely. Use a self-contained breathing apparatus and full-body protective clothing. Do not allow run-off of contaminated fire extinguishing material to enter drains or surface and ground water.

### SECTION 6: Accidental release measures

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

Use personal protective equipment for work. Follow the instructions in the Sections 7 and 8.



# SAFETY DATA SHEET

according to Regulation (EC) No 1907/2006 (REACH) as amended

## Kraco Midnight Pump Spray

Creation date 03rd February 2020  
Revision date Version 1.0

### 6.2. Environmental precautions

Prevent contamination of the soil and entering surface or ground water.

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

Spilled product should be covered with suitable (non-flammable) absorbing material (sand, diatomaceous earth, earth and other suitable absorption materials); to be contained in well closed containers and removed as per the Section 13. In the event of leakage of the substantial amount of the product, inform fire brigade and other competent bodies. After removal of the product, wash the contaminated site with plenty of water. Do not use solvents.

### 6.4. Reference to other sections

See the Section 7, 8 and 13.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

Use personal protective equipment as per Section 8. Observe valid legal regulations on safety and health protection.

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

Store in tightly closed containers in cold, dry and well ventilated areas designated for this purpose.

Storage class

12 - Other non-combustible liquids

### 7.3. Specific end use(s)

not available

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

none

### 8.2. Exposure controls

Do not eat, drink and smoke during work. Wash your hands thoroughly with water and soap after work and before breaks for a meal and rest.

#### Eye/face protection

It is not needed.

#### Skin protection

Hand protection: Protective gloves resistant to the product. Contaminated skin should be washed thoroughly.

#### Respiratory protection

It is not needed.

#### Thermal hazard

Not available.

#### Environmental exposure controls

Observe usual measures for protection of the environment, see Section 6.2.

## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

Appearance

Physical state

liquid at 20°C

color

characteristic

Odour

characteristic

Odour threshold

data not available

pH

data not available

Melting point/freezing point

data not available

Initial boiling point and boiling range

data not available

Flash point

data not available

Evaporation rate

data not available

Flammability (solid, gas)

data not available

Upper/lower flammability or explosive limits

flammability limits

data not available

explosive limits

data not available

Vapour pressure

data not available

Vapour density

data not available



# SAFETY DATA SHEET

according to Regulation (EC) No 1907/2006 (REACH) as amended

## Kraco Midnight Pump Spray

Creation date	03rd February 2020	Version	1.0
Revision date			

Relative density	data not available
Solubility(ies)	
solubility in water	data not available
solubility in fats	data not available
Partition coefficient: n-octanol/water	data not available
Auto-ignition temperature	data not available
Decomposition temperature	data not available
Viscosity	data not available
Explosive properties	data not available
Oxidising properties	data not available

### 9.2. Other information

Density	data not available
ignition temperature	data not available

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

not available

### 10.2. Chemical stability

The product is stable under normal conditions.

### 10.3. Possibility of hazardous reactions

Unknown.

### 10.4. Conditions to avoid

The product is stable and no degradation occurs under normal use. Protect against flames, sparks, overheating and against frost.

### 10.5. Incompatible materials

Protect against strong acids, bases and oxidizing agents.

### 10.6. Hazardous decomposition products

Not developed under normal uses. Dangerous outcomes such as carbon monoxide and carbon dioxide are formed at high temperature and in fire.

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

No toxicological data is available for the mixture.

#### Acute toxicity

Based on available data the classification criteria are not met.

4-allylanisol

Route of exposure	Parameter	Value	Time of exposure	Species	Sex
Oral	LD <sub>50</sub>	1230 mg/kg		Rat	
Dermal	LD <sub>50</sub>	>5000 mg/kg		Rabbit	

#### Skin corrosion/irritation

Based on available data the classification criteria are not met.

4-allylanisol

Route of exposure	Result	Time of exposure	Species
Dermal	Slightly irritating		Rabbit

#### Serious eye damage/irritation

Based on available data the classification criteria are not met.

#### Respiratory or skin sensitisation

Based on available data the classification criteria are not met.



# SAFETY DATA SHEET

according to Regulation (EC) No 1907/2006 (REACH) as amended

## Kraco Midnight Pump Spray

Creation date	03rd February 2020	Version	1.0
Revision date			

### Germ cell mutagenicity

Based on available data the classification criteria are not met.

### Carcinogenicity

Based on available data the classification criteria are not met.

### Reproductive toxicity

Based on available data the classification criteria are not met.

### Toxicity for specific target organ - single exposure

Based on available data the classification criteria are not met.

### Toxicity for specific target organ - repeated exposure

Based on available data the classification criteria are not met.

### Aspiration hazard

Based on available data the classification criteria are not met.

## SECTION 12: Ecological information

### 12.1. Toxicity

#### Acute toxicity

Harmful to aquatic life with long lasting effects.

### 12.2. Persistence and degradability

Data not available.

### 12.3. Bioaccumulative potential

Not available.

### 12.4. Mobility in soil

Not available.

### 12.5. Results of PBT and vPvB assessment

Product does not contain any substance meeting the criteria for PBT or vPvB in accordance with the Annex XIII of Regulation (EC) No 1907/2006 (REACH) as amended.

### 12.6. Other adverse effects

Not available.

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

Hazard of environmental contamination; dispose of the waste in accordance with the local and/or national regulations. Proceed in accordance with valid regulations on waste disposal. Any unused product and contaminated packaging should be put in labelled containers for waste collection and submitted for disposal to a person authorised for waste removal (a specialized company) that is entitled for such activity. Do not empty unused product in drainage systems. The product must not be disposed of with municipal waste. Empty containers may be used at waste incinerators to produce energy or deposited in a dump with appropriate classification. Perfectly cleaned containers can be submitted for recycling.

#### Waste management legislation

Directive 2008/98/EC of the European Parliament and of the Council of 19 November 2008 on waste, as amended. Decision 2000/532/EC establishing a list of wastes, as amended.

#### Waste type code

15 01 02 plastic packaging

## SECTION 14: Transport information

### 14.1. UN number

Not subject to ADR

### 14.2. UN proper shipping name

not available



# SAFETY DATA SHEET

according to Regulation (EC) No 1907/2006 (REACH) as amended

## Kraco Midnight Pump Spray

Creation date 03rd February 2020  
Revision date Version 1.0

### 14.3. Transport hazard class(es)

not available

### 14.4. Packing group

not available

### 14.5. Environmental hazards

not available

### 14.6. Special precautions for user

Reference in the Sections 4 to 8.

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

not available

## SECTION 15: Regulatory information

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

Regulation (EC) No. 1907/2006 of the European Parliament and of the Council of 18th December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing the European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No. 793/93 and Commission Regulation (EC) No. 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC, as amended. Regulation (EC) No. 1272/2008 of the European Parliament and of the Council of 16th December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No. 1907/2006, as amended.

### 15.2. Chemical safety assessment

not available

## SECTION 16: Other information

### A list of standard risk phrases used in the safety data sheet

H225	Highly flammable liquid and vapour.
H226	Flammable liquid and vapour.
H302	Harmful if swallowed.
H314	Causes severe skin burns and eye damage.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H341	Suspected of causing genetic defects.
H351	Suspected of causing cancer.
H373	May cause damage to organs through prolonged or repeated exposure.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.
H411	Toxic to aquatic life with long lasting effects.
H412	Harmful to aquatic life with long lasting effects.

### Guidelines for safe handling used in the safety data sheet

P101	If medical advice is needed, have product container or label at hand.
P102	Keep out of reach of children.
P301+P310	IF SWALLOWED: Immediately call a POISON CENTER/doctor.
P501	Dispose of contents/container to in accordance with local regulations.

### A list of additional standard phrases used in the safety data sheet

EUH 208	Contains Hexel salicylate, 1-(1,2,3,4,5,6,7,8-octahydro-2,3,8,8-tetramethyl-2-naphthyl)ethan-1-one. May produce an allergic reaction.
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### Other important information about human health protection

The product must not be - unless specifically approved by the manufacturer/importer - used for purposes other than as per the Section 1. The user is responsible for adherence to all related health protection regulations.

### Key to abbreviations and acronyms used in the safety data sheet

ADR	European agreement concerning the international carriage of dangerous goods by road
BCF	Bioconcentration Factor



# SAFETY DATA SHEET

according to Regulation (EC) No 1907/2006 (REACH) as amended

## Kraco Midnight Pump Spray

Creation date	03rd February 2020	Version	1.0
Revision date			

CAS	Chemical Abstracts Service
CLP	Regulation (EC) No 1272/2008 on classification, labelling and packaging of substance and mixtures
DNEL	Derived no-effect level
EC	Identification code for each substance listed in EINECS
EC <sub>50</sub>	Concentration of a substance when it is affected 50% of the population
EINECS	European Inventory of Existing Commercial Chemical Substances
EmS	Emergency plan
EU	European Union
IATA	International Air Transport Association
IBC	International Code For The Construction And Equipment of Ships Carrying Dangerous Chemicals
IC <sub>50</sub>	Concentration causing 50% blockade
ICAO	International Civil Aviation Organization
IMDG	International Maritime Dangerous Goods
INCI	International Nomenclature of Cosmetic Ingredients
ISO	International Organization for Standardization
IUPAC	International Union of Pure and Applied Chemistry
LC <sub>50</sub>	Lethal concentration of a substance in which it can be expected death of 50% of the population
LD <sub>50</sub>	Lethal dose of a substance in which it can be expected death of 50% of the population
LOAEC	Lowest observed adverse effect concentration
LOAEL	Lowest observed adverse effect level
log K <sub>ow</sub>	Octanol-water partition coefficient
MARPOL	International Convention for the Prevention of Pollution From Ships
NOAEC	No observed adverse effect concentration
NOAEL	No observed adverse effect level
NOEC	No observed effect concentration
NOEL	No observed effect level
OEL	Occupational Exposure Limits
PBT	Persistent, Bioaccumulative and Toxic
PNEC	Predicted no-effect concentration
ppm	Parts per million
REACH	Registration, Evaluation, Authorisation and Restriction of Chemicals
RID	Agreement on the transport of dangerous goods by rail
UN	Four-figure identification number of the substance or article taken from the UN Model Regulations
UVCB	Substances of unknown or variable composition, complex reaction products or biological materials
VOC	Volatile organic compounds
vPvB	Very Persistent and very Bioaccumulative
Acute Tox.	Acute toxicity
Aquatic Acute	Hazardous to the aquatic environment
Aquatic Chronic	Hazardous to the aquatic environment
Carc.	Carcinogenicity
Eye Dam.	Serious eye damage
Eye Irrit.	Eye irritation
Flam. Liq.	Flammable liquid
Muta.	Germ cell mutagenicity
Skin Corr.	Skin corrosion
Skin Irrit.	Skin irritation
Skin Sens.	Skin sensitization
STOT RE	Specific target organ toxicity - repeated exposure

### Training guidelines





# SAFETY DATA SHEET

according to Regulation (EC) No 1907/2006 (REACH) as amended

## Kraco Midnight Pump Spray

Creation date	03rd February 2020	Version	1.0
Revision date			

Inform the personnel about the recommended ways of use, mandatory protective equipment, first aid and prohibited ways of handling the product.

### Recommended restrictions of use

not available

### Information about data sources used to compile the Safety Data Sheet

REGULATION (EC) No. 1907/2006 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL (REACH) as amended.  
REGULATION (EC) No. 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL as amended. First aid principles after the exposure to the chemicals (Zásady pro poskytování první pomoci při expozici chemickým látkám, doc. MUDr. Daniela Pelclová, CSc., MUDr. Alexandr Fuchs, CSc., MUDr. Miroslava Hornyčová, CSc., MUDr. Zdeňka Trávníčková, CSc., Jiřina Fridrichovská, prom. chem.). Data from the manufacturer of the substance / mixture, if available - information from registration dossiers.

### Statement

The safety data sheet provides information aimed at ensuring safety and health protection at work and environmental protection. The provided information corresponds to the current status of knowledge and experience and complies with valid legal regulations. The information should not be understood as guaranteeing the suitability and usability of the product for a particular application.