

<b>Supplier</b>	<b>UDS PTY LTD</b>
<b>Address</b>	3 SPIRETON PLACE, PENDLE HILL, NSW 2145
<b>Telephone</b>	02 9688 2022
<b>Emergency</b>	NSW Poisons Information Centre 13 11 26
<b>Email</b>	<a href="mailto:consumables@udcs.com.au">consumables@udcs.com.au</a>
<b>Web Site</b>	<a href="http://www.universaldrycleaningsolutions.com.au">www.universaldrycleaningsolutions.com.au</a>

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

- **1.1 Product identifier**
- **Trade name:** ***Odor EX UNI***
- **Article number:** 20921120a
- **1.2 Relevant identified uses of the substance or mixture and uses advised against**  
No further relevant information available.
- **Application of the substance / the mixture** Auxiliary

### SECTION 2: Hazards identification

- **2.1 Classification of the substance or mixture**
- **Classification according to Regulation (EC) No 1272/2008**



health hazard

Asp. Tox. 1            H304 May be fatal if swallowed and enters airways.



Eye Irrit. 2            H319 Causes serious eye irritation.

Aquatic Chronic 3    H412 Harmful to aquatic life with long lasting effects.

- **2.2 Label elements**
- **Labelling according to Regulation (EC) No 1272/2008**  
The product is classified and labelled according to the CLP regulation.
- **Hazard pictograms** GHS07, GHS08
- **Signal word** Danger

- **Hazard-determining components of labelling:**

white mineral oil

- **Hazard statements**

H319 Causes serious eye irritation.

H304 May be fatal if swallowed and enters airways.

H412 Harmful to aquatic life with long lasting effects.

- **Precautionary statements**

P273                    Avoid release to the environment.

P280                    Wear protective gloves/protective clothing/eye protection/face protection.

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

P331                    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.

P501                    Dispose of contents/container in accordance with local/regional/national/international regulations.

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- **Additional information:**  
Contains alpha-hexyl cinnamaldehyde, dl-Citronellol, Cis-3,7-Diemethyl-2,6-Octadien-1-Ol, p-t-Butyl-alpha-methylhydrocinnamic aldehyde, 2-Methyl-3-(p-isopropylphenyl)propionaldehyde. May produce an allergic reaction.
- **2.3 Other hazards**
- **Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.

### SECTION 3: Composition/information on ingredients

- **3.2 Chemical characterisation: Mixtures**
- **Description:**  
Mixture: consisting of the following components:  
surfactant  
odorous substances dissolved in aliphatic hydrocarbons

· <b>Dangerous components:</b>	
white mineral oil Asp. Tox. 1, H304	50-100%
alcohols ethoxylated Eye Irrit. 2, H319; Aquatic Chronic 3, H412	≥2.5-<10%
alpha-hexyl cinnamaldehyde Aquatic Chronic 1, H410; Skin Sens. 1, H317	≥0.25-<1%
dl-Citronellol Aquatic Chronic 2, H411; Skin Irrit. 2, H315; Skin Sens. 1, H317	≥0.25-<1%
Amyl salicylate Aquatic Chronic 1, H410	≥0.25-<2.5%
tetrahydrolinalool Aquatic Acute 1, H400; Skin Irrit. 2, H315; Eye Irrit. 2, H319	<0.25%
Cis-3,7-Diemethyl-2,6-Octadien-1-Ol Skin Irrit. 2, H315; Eye Irrit. 2, H319; Skin Sens. 1B, H317	≥0.1-<1%
p-t-Butyl-alpha-methylhydrocinnamic aldehyde Repr. 2, H361; Aquatic Chronic 2, H411; Acute Tox. 4, H302; Skin Irrit. 2, H315; Skin Sens. 1, H317	≥0.1-<0.25%
2-Methyl-3-(p-isopropylphenyl)propionaldehyde Repr. 2, H361; Aquatic Chronic 2, H411; Skin Irrit. 2, H315; Skin Sens. 1, H317	≥0.1-<0.25%

- **Additional information:** For the wording of the listed hazard phrases refer to section 16.

### SECTION 4: First aid measures

- **4.1 Description of first aid measures**
- **After inhalation:**  
Supply fresh air and to be sure call for a doctor.  
In case of unconsciousness place patient stably in side position for transportation.
- **After skin contact:**  
If skin irritation continues, consult a doctor.  
Immediately wash with water and soap and rinse thoroughly.
- **After eye contact:** Rinse opened eye for several minutes under running water. Then consult a doctor.
- **After swallowing:**  
Rinse mouth with plenty of water, do not induce vomiting, drink water in small portions, consult immediately a doctor.
- **4.2 Most important symptoms and effects, both acute and delayed** No further relevant information available.

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- **4.3 Indication of any immediate medical attention and special treatment needed**  
No further relevant information available.

### **SECTION 5: Firefighting measures**

- **5.1 Extinguishing media**
- **Suitable extinguishing agents:**  
Use fire extinguishing methods suitable to surrounding conditions.  
CO<sub>2</sub>, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
- **For safety reasons unsuitable extinguishing agents:** Water with full jet
- **5.2 Special hazards arising from the substance or mixture**  
Formation of toxic gases is possible during heating or in case of fire.  
In case of fire formation of carbon oxides possible.
- **5.3 Advice for firefighters**
- **Protective equipment:**  
Wear self-contained respiratory protective device.  
Wear fully protective suit.  
Do not inhale explosion gases or combustion gases.
- **Additional information** Cool endangered receptacles with water spray.

### **SECTION 6: Accidental release measures**

- **6.1 Personal precautions, protective equipment and emergency procedures**  
Particular danger of slipping on leaked/spilled product.
- **6.2 Environmental precautions:**  
Do not allow to penetrate the ground/soil.  
Do not allow to enter sewers/ surface or ground water.
- **6.3 Methods and material for containment and cleaning up:**  
Dispose of the material collected according to regulations.  
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).  
Ensure adequate ventilation.
- **6.4 Reference to other sections**  
See Section 7 for information on safe handling.  
See Section 8 for information on personal protection equipment.

### **SECTION 7: Handling and storage**

- **7.1 Precautions for safe handling**  
Ensure good ventilation/exhaustion at the workplace.  
Prevent formation of aerosols.
- **Information about fire - and explosion protection:** No special measures required.
- **7.2 Conditions for safe storage, including any incompatibilities**
- **Storage:**  
· **Requirements to be met by storerooms and receptacles:** No special requirements.  
· **Information about storage in one common storage facility:** Not required.  
· **Further information about storage conditions:** Keep receptacle tightly sealed.
- **Storage class:** 10
- **7.3 Specific end use(s)** No further relevant information available.

### **SECTION 8: Exposure controls/personal protection**

- **8.1 Control parameters**
- **Additional information about design of technical facilities:** No further data; see item 7.

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**Ingredients with limit values that require monitoring at the workplace:**

The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

**DNELs**

**white mineral oil**

Dermal	Long-term - systemic effects, worker	220 mg/kg bw/day (.)
Inhalative	Long-term - systemic effects, worker	160 mg/m <sup>3</sup> (.)

**DNEL (Derived No Effect Level) for the general population**

**white mineral oil**

Oral	Long-term - systemic effects, general population	40 mg/kg bw/day (.)
Dermal	Long term - systemic effects, general population	92 mg/kg bw/day (.)
Inhalative	Long-term - systemic effects, general population	35 mg/m <sup>3</sup> (.)

**Additional information:** The lists valid during the making were used as basis.

**8.2 Exposure controls**

**Personal protective equipment:**

**General protective and hygienic measures:**

Keep away from foodstuffs, beverages and feed.  
Immediately remove all soiled and contaminated clothing  
Wash hands before breaks and at the end of work.  
Do not inhale gases / fumes / aerosols.  
Avoid contact with the eyes and skin.

**Respiratory protection:** Use suitable respiratory protective device only when aerosol or mist is formed.

**Protection of hands:** Protective gloves

**Material of gloves**

Butyl rubber, BR  
Nitrile rubber, NBR

**Penetration time of glove material**

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

**Eye protection:** Tightly sealed goggles

**Body protection:** Protective work clothing

**SECTION 9: Physical and chemical properties**

**9.1 Information on basic physical and chemical properties**

**General Information**

**Appearance:**

<b>Form:</b>	Fluid
<b>Colour:</b>	Light yellow
<b>Odour:</b>	Characteristic
<b>Odour threshold:</b>	Not determined.

**pH-value:** Not determined.

**Change in condition**

<b>Melting point/freezing point:</b>	Undetermined.
<b>Initial boiling point and boiling range:</b>	Undetermined.

**Flash point:** > 100 °C

**Flammability (solid, gas):** Not applicable.

**Decomposition temperature:** Not determined.

**Auto-ignition temperature:** Product is not selfigniting.

**Explosive properties:** Product does not present an explosion hazard.

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· <b>Explosion limits:</b>	
Lower:	Not determined.
Upper:	Not determined.
· <b>Vapour pressure:</b>	Not determined.
· <b>Density at 20 °C:</b>	0.87 g/cm <sup>3</sup>
· <b>Relative density</b>	Not determined.
· <b>Vapour density</b>	Not determined.
· <b>Evaporation rate</b>	Not determined.
· <b>Solubility in / Miscibility with water:</b>	Not miscible or difficult to mix.
· <b>Partition coefficient: n-octanol/water:</b>	Not determined.
· <b>Viscosity:</b>	
Dynamic:	Not determined.
Kinematic at 40 °C:	14.8 mm <sup>2</sup> /s
· <b>9.2 Other information</b>	No further relevant information available.

### SECTION 10: Stability and reactivity

- **10.1 Reactivity** No further relevant information available.
- **10.2 Chemical stability**
- **Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.
- **10.3 Possibility of hazardous reactions** No dangerous reactions known.
- **10.4 Conditions to avoid** No further relevant information available.
- **10.5 Incompatible materials:** No further relevant information available.
- **10.6 Hazardous decomposition products:** No dangerous decomposition products known.

### SECTION 11: Toxicological information

- **11.1 Information on toxicological effects**
- **Acute toxicity** Based on available data, the classification criteria are not met.

· **LD/LC50 values relevant for classification:**

white mineral oil		
Oral	LD50	>5,000 mg/kg (rat) (OECD 401)
	Chronische Toxizität	>1,200 mg/kg (rat) (NOAEL, OECD 453)
Dermal	Subakute Toxizität	1,000 mg/kg (rabbit) (NOAEL, OECD 410)
	Subchron. Toxizität	≥2,000 mg/kg (rat) (NOAEL, OECD 411)
Inhalative	LD50	>2,000 mg/kg (rabbit) (OECD 402)
	LC50/4h	>5,000 mg/m <sup>3</sup> (rat) (OECD 403)
Irritation of skin	OECD 404	nicht reizend (rabbit)
Irritation of eyes	OECD 405	nicht reizend (eye of rabbit)
Sensitisation	OECD 406	(guinea pig)
	reproduction toxicity	negativ (.) (Chromosomenabberationstest, OECD 474)
	carcinogen	negativ (.) (OECD 453)
	Ames Test	(.) (OECD 471)

- **Primary irritant effect:**
- **Skin corrosion/irritation** Based on available data, the classification criteria are not met.
- **Serious eye damage/irritation**  
Causes serious eye irritation.

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- **Respiratory or skin sensitisation** Based on available data, the classification criteria are not met.
- **Additional toxicological information:**
- **CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)**
- **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.
- **STOT-single exposure** Based on available data, the classification criteria are not met.
- **STOT-repeated exposure** Based on available data, the classification criteria are not met.
- **Aspiration hazard**  
May be fatal if swallowed and enters airways.

### SECTION 12: Ecological information

#### 12.1 Toxicity

##### Aquatic toxicity:

##### white mineral oil

LC50/96 h	>1,000 mg/l (leuciscus idus) (OECD 203)
ECS0	>1,000 mg/l (activated sludge) (LL50 40h)
OECD 202	>100 mg/l (Daphnia magna) (LL50 48h)
OECD 201	≥100 mg/l 72h (Pseudokirchneriella subcapitata) (NOEL)

#### 12.2 Persistence and degradability

##### white mineral oil

OECD 301 F	31.3 % (28 d)
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- **12.3 Bioaccumulative potential** No further relevant information available.
- **12.4 Mobility in soil** No further relevant information available.
- **Additional ecological information:**
- **General notes:**  
Water hazard class 2 (German Regulation) (Self-assessment): hazardous for water  
Do not allow product to reach ground water, water course or sewage system.  
Danger to drinking water if even small quantities leak into the ground.
- **12.5 Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.
- **12.6 Other adverse effects** No further relevant information available.

### SECTION 13: Disposal considerations

- **13.1 Waste treatment methods**
- **Recommendation**  
Must not be disposed together with household garbage. Do not allow product to reach sewage system.  
Must be specially treated adhering to official regulations.
- **Uncleaned packaging:**
- **Recommendation:** Disposal must be made according to official regulations.

### SECTION 14: Transport information

- **14.1 UN-Number**
- **ADR, ADN, IMDG, IATA** Void
- **14.2 UN proper shipping name**
- **ADR, ADN, IMDG, IATA** Void

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· 14.3 Transport hazard class(es)	
· ADR, ADN, IMDG, IATA	
· Class	Void
· 14.4 Packing group	
· ADR, IMDG, IATA	Void
· 14.5 Environmental hazards:	
· Marine pollutant:	No
· 14.6 Special precautions for user	
	Not applicable.
· 14.7 Transport in bulk according to Annex II of Marpol and the IBC Code	
	Not applicable.
· UN "Model Regulation":	
	Void

### SECTION 15: Regulatory information

- 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture
- Directive 2012/18/EU
- Named dangerous substances - ANNEX I None of the ingredients is listed.
- National regulations:
- Technical instructions (air):

Class	Share in %
NK	≥0.25-<2.5

- Waterhazard class: Water hazard class 2 (Self-assessment): hazardous for water.
- 15.2 Chemical safety assessment: A Chemical Safety Assessment has not been carried out.

### SECTION 16: Other information

*This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.*

- **Abbreviations and acronyms:**  
 ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)  
 IMDG: International Maritime Code for Dangerous Goods  
 IATA: International Air Transport Association  
 GHS: Globally Harmonised System of Classification and Labelling of Chemicals  
 EINECS: European Inventory of Existing Commercial Chemical Substances  
 ELINCS: European List of Notified Chemical Substances  
 CAS: Chemical Abstracts Service (division of the American Chemical Society)  
 DNEL: Derived No-Effect Level (REACH)  
 LC50: Lethal concentration, 50 percent  
 LD50: Lethal dose, 50 percent  
 PBT: Persistent, Bioaccumulative and Toxic  
 vPvB: very Persistent and very Bioaccumulative  
 Acute Tox. 4: Acute toxicity - oral - Category 4  
 Skin Irrit. 2: Skin corrosion/irritation - Category 2  
 Eye Irrit. 2: Serious eye damage/eye irritation - Category 2  
 Skin Sens. 1: Skin sensitisation - Category 1  
 Skin Sens. 1B: Skin sensitisation - Category 1B  
 Repr. 2: Reproductive toxicity - Category 2  
 Asp. Tox. 1: Aspiration hazard - Category 1  
 Aquatic Acute 1: Hazardous to the aquatic environment - acute aquatic hazard - Category 1  
 Aquatic Chronic 1: Hazardous to the aquatic environment - long-term aquatic hazard - Category 1  
 Aquatic Chronic 2: Hazardous to the aquatic environment - long-term aquatic hazard - Category 2  
 Aquatic Chronic 3: Hazardous to the aquatic environment - long-term aquatic hazard - Category 3
- \* Data compared to the previous version altered.

