

SAFETY DATA SHEET

AROGUARD REPLACE REFILL AND BATTERY EVERY 30 DAYS

0XXXX-000

Version 1.1

Revision Date 10/01/2023

Print Date 04/25/2025

SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Material name : AROGUARD REPLACE REFILL AND BATTERY EVERY 30 DAYS 0XXXX-000

Material number : 000000000001048287

Manufacturer or supplier's details

Company : Zep Inc.

Address : 11627 - 178 Street
Edmonton, Alberta T5S 1N6
Canada

Telephone : Compliance Services - 877-428-9937

Emergency telephone numbers

For SDS Information : Compliance Services - 877-428-9937

For a Medical Emergency : 877-541-2016 Toll Free - All Calls Recorded

For a Transportation Emergency : CHEMTREC: 800-424-9300 - All Calls Recorded.

Recommended use of the chemical and restrictions on use

SECTION 2. HAZARDS IDENTIFICATION

Emergency Overview

Appearance	liquid
Colour	light yellow
Odour	characteristic

GHS Classification

Acute toxicity (Oral) : Category 4
Skin irritation : Category 2
Eye irritation : Category 2A
Skin sensitisation : Category 1

GHS label elements

Hazard pictograms :



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Signal word : Warning

Hazard statements : H302 Harmful if swallowed.
H315 Causes skin irritation.
H317 May cause an allergic skin reaction.
H319 Causes serious eye irritation.

Precautionary statements : **Prevention:**
P261 Avoid breathing dust/ fume/ gas/ mist/ vapours/ spray.
P264 Wash skin thoroughly after handling.
P270 Do not eat, drink or smoke when using this product.
P272 Contaminated work clothing should not be allowed out of the workplace.
P280 Wear protective gloves/ eye protection/ face protection.
Response:
P301 + P312 + P330 IF SWALLOWED: Call a POISON CENTER/doctor if you feel unwell. Rinse mouth.
P302 + P352 IF ON SKIN: Wash with plenty of water.
P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P333 + P313 If skin irritation or rash occurs: Get medical advice/ attention.
P337 + P313 If eye irritation persists: Get medical advice/ attention.
P362 + P364 Take off contaminated clothing and wash it before reuse.
Disposal:
P501 Dispose of contents/container in accordance with local regulation.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance / Mixture : Mixture

Hazardous components

Chemical name	CAS-No.	Concentration [%]
benzyl benzoate	120-51-4	>= 30 - < 60
2-tert-butylcyclohexyl acetate	88-41-5	>= 5 - < 10
linalool	78-70-6	>= 1 - < 5
tetrahydro-2-isobutyl-4-methylpyran-4-ol	63500-71-0	>= 1 - < 5
benzyl salicylate	118-58-1	>= 1 - < 5
undecan-4-olide	104-67-6	>= 1 - < 5
7-hydroxycitronellal	107-75-5	>= 1 - < 5
citronellol	106-22-9	>= 1 - < 5
2-phenylethanol	60-12-8	>= 1 - < 5
p-menth-1-en-8-ol	98-55-5	>= 1 - < 5
3-p-cumenyl-2-methylpropionaldehyde	103-95-7	>= 1 - < 5
alpha,alpha-dimethylphenethyl butyrate	10094-34-5	>= 1 - < 5
alpha-hexylcinnamaldehyde	101-86-0	>= 0.1 - < 1
Oils, sweet orange (terpenes and terpenoids)	68647-72-3	>= 0.1 - < 1

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SECTION 4. FIRST AID MEASURES

SECTION 5. FIREFIGHTING MEASURES

SECTION 6. ACCIDENTAL RELEASE MEASURES

SECTION 7. HANDLING AND STORAGE

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Components with workplace control parameters

Contains no substances with occupational exposure limit values.

Hygiene measures :

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	: liquid
Colour	: light yellow
Odour	: characteristic
Odour Threshold	: No data available
pH	: Not applicable
Melting point/freezing point	: No data available
Boiling point	: No data available
Flash point	: > 93.3 °C Method: TCC
Vapour pressure	: No data available
Density	: 0.993 - 1.013 g/cm3 (25 °C)
Solubility(ies)	
Water solubility	: insoluble
Solubility in other solvents	: not determined
Partition coefficient: n-octanol/water	: No data available
Viscosity	

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Viscosity, kinematic : No data available

SECTION 10. STABILITY AND REACTIVITY

SECTION 11. TOXICOLOGICAL INFORMATION

Potential Health Effects

Carcinogenicity:

IARC

No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

ACGIH

No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.

Acute toxicity

Product:

Acute oral toxicity : Acute toxicity estimate : 1,308 mg/kg
Method: Calculation method

Components:

2-tert-butylcyclohexyl acetate:

Acute oral toxicity : LD50 Oral Rat: 4,600 mg/kg

Acute dermal toxicity : LD50 Dermal Rabbit: > 5,000 mg/kg

benzyl salicylate:

Acute oral toxicity : LD50 Oral Rat: 2,227 mg/kg

2-phenylethanol:

Acute oral toxicity : LD50 Oral Rat: 1,790 mg/kg

Acute dermal toxicity : LD50 Dermal Rabbit: 806 mg/kg

Skin corrosion/irritation

No data available

Serious eye damage/eye irritation

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No data available

Respiratory or skin sensitisation

Components:

benzyl salicylate:

Classification: May cause sensitisation by skin contact.

7-hydroxycitronellal:

Classification: May cause sensitisation by skin contact.

citronellol:

Classification: May cause sensitisation by skin contact.

alpha,alpha-dimethylphenethyl butyrate:

Classification: May cause sensitisation by skin contact.

alpha-hexylcinnamaldehyde:

Classification: May cause sensitisation by skin contact.

Oils, sweet orange (terpenes and terpenoids):

Classification: May cause sensitisation by skin contact.

Germ cell mutagenicity

No data available

Carcinogenicity

No data available

Reproductive toxicity

No data available

STOT - single exposure

No data available

STOT - repeated exposure

No data available

Aspiration toxicity

No data available

SECTION 12. ECOLOGICAL INFORMATION

Ecotoxicity

No data available

Persistence and degradability

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No data available

Bioaccumulative potential

Product:

Partition coefficient: n-octanol/water : Remarks: No data available

Components:

benzyl benzoate :

Partition coefficient: n-octanol/water : log Pow: 4

linalool :

Partition coefficient: n-octanol/water : log Pow: 2.84 (25 °C)

benzyl salicylate :

Partition coefficient: n-octanol/water : log Pow: 4 (35 °C)

citronellol :

Partition coefficient: n-octanol/water : log Pow: 3.41

2-phenylethanol :

Partition coefficient: n-octanol/water : log Pow: 1.36

p-menth-1-en-8-ol :

Partition coefficient: n-octanol/water : log Pow: 2.98

alpha-hexylcinnamaldehyde :

Partition coefficient: n-octanol/water : log Pow: 4.686

Mobility in soil

No data available

Other adverse effects

No data available

SECTION 13. DISPOSAL CONSIDERATIONS

Disposal methods

SECTION 14. TRANSPORT INFORMATION

Transportation Regulation (TDG) / Règlement Pour Le Transport (TMD): (Canada): NOT REGULATED AS DANGEROUS GOODS OR HAZARDOUS MATERIAL
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Transportation Regulation / Règlement Pour Le Transport: IMDG (Vessel): NOT REGULATED AS DANGEROUS GOODS OR HAZARDOUS MATERIAL

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Transportation Regulation / Règlement Pour Le Transport: IATA (Cargo Air):
NOT REGULATED AS DANGEROUS GOODS OR HAZARDOUS MATERIAL

Transportation Regulation / Règlement Pour Le Transport: IATA (Passenger Air):
NOT REGULATED AS DANGEROUS GOODS OR HAZARDOUS MATERIAL

Transportation Regulation / Règlement Pour Le Transport: 49 CFR (USA):
NOT REGULATED AS DANGEROUS GOODS OR HAZARDOUS MATERIAL

The product as delivered to the customer conforms to packaging requirements for shipment by road under Transport Dangerous Goods (TDG) Canada regulations. Additional transportation classifications noted above are for reference only, and not a certification or warranty of the suitability of the packaging for shipment under these alternative transport regulations.

SECTION 15. REGULATORY INFORMATION

This product has been classified according to the hazard criteria of the HPR and the SDS contains all of the information required by the HPR.

The components of this product are reported in the following inventories:

DSL All components of this product are on the Canadian DSL
TSCA On TSCA Inventory

For information on the country notification status for other regions please contact the manufacturer's regulatory group.

Inventory Acronym and Validity Area Legend:

TSCA (USA), DSL (Canada), NDSL (Canada)

SECTION 16. OTHER INFORMATION

WHMIS - GHS Label Information:

Hazard pictograms

:



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Signal word

: **Warning:**

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Response: IF SWALLOWED: Call a POISON CENTER/doctor if you feel unwell. Rinse mouth. IF ON SKIN: Wash with plenty of water. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If skin irritation or rash occurs: Get medical advice/ attention. If eye irritation persists: Get medical advice/ attention. Take off contaminated clothing and wash it before reuse.

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