

Nilium Water Soluble Deodorizer - Red Clover Tea

SAFETY DATA SHEET

SECTION 1: Identification

1.1 GHS Product identifier

Product name Nilium Water Soluble Deodorizer - Red Clover Tea

1.3 Recommended use of the chemical and restrictions on use

Water Soluble Deodorizer; dilute according to product label for use as a multipurpose deodorizer

1.4 Supplier's details

Name HOSPECO
Address 10966 Industrial Parkway
Bolivar OH 44612

Telephone 330-874-1017

1.5 Emergency phone number

US, Canada: 800-255-3924. International: +01-813-248-0585

SECTION 2: Hazard identification

2.1 Classification of the substance or mixture

GHS classification in accordance with: OSHA (29 CFR 1910.1200)

- Eye damage/irritation, Cat. 1
- Skin corrosion/irritation, Cat. 3
- Sensitization, skin, Cat. 1
- Specific target organ toxicity (single exposure), Cat. 2
- Toxic to reproduction, Cat. 1

2.2 GHS label elements, including precautionary statements

Pictogram



Signal word

Danger

Hazard statement(s)

H317 May cause an allergic skin reaction
H318 Causes serious eye damage
H371 May cause damage to organs [organs, route]

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Precautionary statement(s)

P260	Do not breathe dust/fume/gas/mist/vapors/spray.
P261	Avoid breathing dust/fume/gas/mist/vapors/spray.
P264	Wash ... thoroughly after handling.
P270	Do not eat, drink or smoke when using this product.
P272	Contaminated work clothing must not be allowed out of the workplace.
P280	Wear eye protection/face protection/protective gloves.
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.
P308+P311	IF exposed or concerned: Call a POISON CENTER/doctor/...
P310	Immediately call a POISON CENTER/doctor/...
P321	Specific treatment (see ... on this label).
P333+P313	If skin irritation or rash occurs: Get medical advice/attention.
P363	Wash contaminated clothing before reuse.
P405	Store locked up.
P501	Dispose of contents/container to ...

SECTION 3: Composition/information on ingredients

3.2 Mixtures

Hazardous components

1. Water

Concentration	> 75 - < 85 % (weight)
EC no.	231-791-2
CAS no.	7732-18-5

2. Nonionic Surfactant*

Concentration	> 5 - < 15 % (weight)
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- Acute toxicity, oral, Cat. 4
- Eye damage/irritation, Cat. 1

H302	Harmful if swallowed
H318	Causes serious eye damage

3. Sodium Xylenesulfonate*

Concentration	> 0 - < 5 % (weight)
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- Eye damage/irritation, Cat. 2A
- Skin corrosion/irritation, Cat. 2

H315	Causes skin irritation
H319	Causes serious eye irritation

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4. Fragrance*

Concentration > 0 - < 3 % (weight)

- Acute toxicity, inhalation, Cat. 5
- Acute toxicity, oral, Cat. 5
- Hazardous to the aquatic environment, long-term (chronic), Cat. 2
- Eye damage/irritation, Cat. 2A
- Skin corrosion/irritation, Cat. 2
- Sensitization, skin, Cat. 1A
- Toxic to reproduction, Cat. 1B

H303	May be harmful if swallowed
H315	Causes skin irritation
H317	May cause an allergic skin reaction
H319	Causes serious eye irritation
H333	May be harmful if inhaled
H360	May damage fertility or the unborn child [effect, route]
H411	Toxic to aquatic life with long lasting effects

5. Denatured Alcohol*

Concentration > 0 - < 2 % (weight)

- Eye damage/irritation, Cat. 2A
- Flammable liquids, Cat. 2
- Specific target organ toxicity (single exposure), Cat. 2

H225	Highly flammable liquid and vapor
H319	Causes serious eye irritation
H371	May cause damage to organs [organs, route]

6. Odor Counteractant*

Concentration > 0 - < 0.5 % (weight)

- Acute toxicity, oral, Cat. 4
- Eye damage/irritation, Cat. 1
- Skin corrosion/irritation, Cat. 1
- Sensitization, skin, Cat. 1
- Specific target organ toxicity (single exposure), Cat. 2

H302	Harmful if swallowed
H314	Causes severe skin burns and eye damage
H317	May cause an allergic skin reaction
H318	Causes serious eye damage
H361	Suspected of damaging fertility or the unborn child [effect, route]

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7. PEG-400*

Concentration > 0 - < 0.5 % (weight)

8. Preservative*

Concentration > 0 - < 0.1 % (weight)

- Skin corrosion/irritation, Cat. 1B
- Sensitization, skin, Cat. 1

H314 Causes severe skin burns and eye damage
H317 May cause an allergic skin reaction

9. Citric Acid*

Concentration > 0 - < 0.1 % (weight)

- Eye damage/irritation, Cat. 2A

H319 Causes serious eye irritation
H335 May cause respiratory irritation

Trade secret statement (OSHA 1910.1200(i))

*The specific chemical identities and/or actual concentrations or actual concentration ranges for one or more listed components are being withheld as trade secrets under the US regulation 29 CFR 1910.1200(i).

SECTION 4: First-aid measures

4.1 Description of necessary first-aid measures

If inhaled	If symptomatic, move to fresh air. If not breathing, give artificial respiration. Do NOT use mouth-to-mouth resuscitation. If symptoms persist, obtain medical attention immediately.
In case of skin contact	Wash off immediately with plenty of water for at least 15 minutes. Take off contaminated clothing. Wash with soap and water. Do not apply any medicated agents except on the advice from a physician. Get medical attention if necessary.
In case of eye contact	Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Do not apply any medicated agents except on the advice from a physician. Seek immediate medical attention/advice.
If swallowed	Do not induce vomiting without medical advice. Drink 2-3 large glasses of water. Call a physician or poison control center immediately. Never give anything by mouth to an unconscious person. To ensure airway is open,

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position with head lower than body and transport immediately to a medical facility.

SECTION 5: Fire-fighting measures

5.1 Suitable extinguishing media

Dry powder. Foam. Carbon dioxide (CO₂).

5.2 Specific hazards arising from the chemical

Ethanol: Carbon oxides

Reaction mass of: 5-Chloro-2-methyl-4-isothiazolin-3-one and 2-Methyl-2H-isothiazol-3-one (3:1): Carbon oxide. Nitrogen oxides.

5.3 Special protective actions for fire-fighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear. Prevent human exposure to fire, fumes, smoke and products of combustion. Evacuate non-essential personnel.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Wear chemical safety glasses with side shields or chemical goggles and heavy rubber gloves.

6.2 Environmental precautions

Prevent product from entering drains or open waters. See Section 12 for additional Ecological Information.

6.3 Methods and materials for containment and cleaning up

Prevent further leakage or spillage if safe to do so. Cover and contain spill with an absorbent material such as pet litter, sand or vermiculite. Sweep up and shovel into suitable containers for disposal.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Do not eat, drink, or smoke when handling this product. Avoid contact with skin, eyes or clothing. Avoid breathing dusts. Avoid breathing vapors or mists. Use personal protection recommended in Section 8. Wash thoroughly after handling.

7.2 Conditions for safe storage, including any incompatibilities

Keep containers tightly closed in a dry, cool and well-ventilated place. Protect from excessive heat. Keep from freezing. Store only in approved containers.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

1. Ethyl alcohol (Ethanol) (CAS: 64-17-5)

PEL (Inhalation): 1900 mg/m³ (OSHA)

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OSHA Annotated Table Z-1, www.osha.gov

REL (Inhalation): 1000 ppm (NIOSH)

OSHA Annotated Table Z-1, www.osha.gov

TLV® (Inhalation): (ST) 1000 ppm; USA (ACGIH)

OSHA Annotated Table Z-1, www.osha.gov

2. Ethanol (CAS: 64-17-5)

PEL (Inhalation): 1000 ppm (OSHA)

OSHA Annotated Table Z-1, www.osha.gov

PEL (Inhalation): 1000 ppm (Cal/OSHA)

OSHA Annotated Table Z-1, www.osha.gov

8.2 Appropriate engineering controls

Apply technical measures to comply with the occupational exposure limits. Ventilation systems. Eyewash stations. Showers.

8.3 Individual protection measures, such as personal protective equipment (PPE)

Eye/face protection

Use approved eye protection to avoid eye contact.

Skin protection

Chemical resistant protective gloves when handling large quantities.

Respiratory protection

Where there is a potential for airborne exposures, wear NIOSH approved respiratory protection.

SECTION 9: Physical and chemical properties and safety characteristics

Basic physical and chemical properties

Appearance	Light red/pink clear liquid
Odor	Fruity
Odor threshold	No data available
Melting point/freezing point	No data available
Boiling point or initial boiling point and boiling range	No data available
Flammability	Not Flammable
Lower and upper explosion limit/flammability limit	No data available
Flash point	>205PMCC
Explosive properties	No data available
Auto-ignition temperature	No data available
Decomposition temperature	No data available
Oxidizing properties	No data available
pH	6.0-8.0
Kinematic viscosity	As water
Solubility	Water Soluble
Partition coefficient n-octanol/water (log value)	No data available
Vapor pressure	No data available
Evaporation rate	No data available
Density and/or relative density	1.00-1.02
Relative vapor density	No data available

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SECTION 10: Stability and reactivity

10.1 Reactivity

Not reactive under normal conditions.

10.2 Chemical stability

Stable under recommended storage conditions.

10.3 Possibility of hazardous reactions

None under normal processing.

10.4 Conditions to avoid

Excessive heat.

10.5 Incompatible materials

Sodium xylenesulfonate: Strong oxidizing agents

Ethanol: Alkali metals, Oxidizing agents, Peroxides

Citric acid: Oxidizing agents, Bases, Reducing agents, Nitrates

10.6 Hazardous decomposition products

Water: In the event of fire: see section 5

Sodium xylenesulfonate: Other decomposition products - no data available
In the event of fire: see section 5

SECTION 11: Toxicological information

Information on toxicological effects

Acute toxicity

// ----- From the Suggestion report (10/07/2022, 9:12 AM) ----- //

The ATE (oral) of the mixture is: 3333.33 mg/kg bw

Ethanol: ACGIH: A3 Confirmed animal carcinogen with unknown relevance to humans.

// ----- From the Suggestion report (06/01/2023, 9:50 AM) ----- //

The ATE (oral) of the mixture is: 3205.13 mg/kg bw

Skin corrosion/irritation

Avoid contact with skin.

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Serious eye damage/irritation

Causes serious eye damage.

Respiratory or skin sensitization

Not expected to trigger a sensitized reaction.

Carcinogenicity

Based on the information provided, this product does not contain any carcinogens or potential carcinogens as listed by OSHA, IARC or NTP.

SECTION 12: Ecological information

Persistence and degradability

Biodegradable

SECTION 13: Disposal considerations

Disposal methods**Product disposal**

Disposal should be in accordance with applicable regional, national and local laws and regulations.

Packaging disposal

Disposal should be in accordance with applicable regional, national and local laws and regulations.

SECTION 14: Transport information

DOT (US)

Not dangerous goods

IMDG

Not dangerous goods

IATA

Not dangerous goods

SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations specific for the product in question

SARA 302 Components

No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

SARA 311/312 Hazards

Flammable (gases, aerosols, liquid, or solids)

Skin corrosion or irritation

Serious eye damage or eye irritation

SARA 313 Components

1222-05-5 214-946-9 10 - 20% Hexamethylindanopyran

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Massachusetts Right To Know Components

Chemical name: Ethanol
CAS number: 64-17-5

Massachusetts Right To Know Components

Acetic acid, pentyl ester, CAS 628 63 7
Benzene, CAS 71 43 2
D Limonene

New Jersey Right To Know Components

Water
CAS-No. 7732-18-5

New Jersey Right To Know Components

Sodium xylenesulphonate
CAS-No. 1300-72-7

New Jersey Right To Know Components

Common name: ETHYL ALCOHOL
CAS number: 64-17-5

New Jersey Right To Know Components

Citric acid
CAS-No. 77-92-9

New Jersey Right To Know Components

Benzoic acid, 2 hydroxy --, methyl ester, CAS n umber: 119 36 8
Eucalyptus globulus, CAS No. 84625 32 1
D Limonene

Pennsylvania Right To Know Components

Water
CAS-No. 7732-18-5

Pennsylvania Right To Know Components

Sodium xylenesulphonate
CAS-No. 1300-72-7

Pennsylvania Right To Know Components

Chemical name: Ethanol
CAS number: 64-17-5

Pennsylvania Right To Know Components

Citric acid
CAS-No. 77-92-9

Pennsylvania Right To Know Components

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Eucalyptus globulus, CAS No. 84625 32 1
D Limonene
Acetic acid, pentyl ester, CAS 628 63 7
Benzene, CAS 71 43 2
1 Butan ol, 2 methyl --, 1 acetate, CAS 624 41 9
Methyl Salicylate, CAS 119 36 8
p Cymene, CAS 99 87 6
alpha Pinene, CAS 80 56 8
Benzoic acid, 2 hydroxy --, methyl ester, CAS number: 119 36 8

Canadian Domestic Substances List (DSL)

All components are listed on the Canadian DSL

Toxic Substances Control Act (TSCA) Inventory

All substances listed as active on the TSCA inventory

California Prop. 65 Components

WARNING! This product contains a chemical known to the State of California to cause cancer.

CAS-No. 64-17-5: Ethanol

WARNING: This product contains a chemical known to the State of California to cause birth defects or other reproductive harm.

CAS-No. 64-17-5: Ethanol

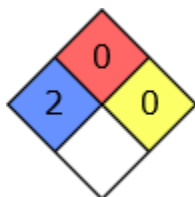
California Prop. 65 Components

WARNING: This product can expose you to chemicals including Benzene, which is/are known to the State of California to cause cancer and birth defects or other reproductive harm. For more information to go www.P64Warnings.ca.gov.

HMIS Rating

Nilium Water Soluble Deodorizer - Red Clover Tea	
HEALTH	2
FLAMMABILITY	0
PHYSICAL HAZARD	0
PERSONAL PROTECTION	

NFPA Rating



SECTION 16: Other information

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SAFETY DATA SHEET

This Safety Data Sheet is offered solely for your information, consideration and investigation. There are no warranties, either expressed or implied and no responsibility is assumed for the accuracy or completeness of the data contained herein.