



1 Identification

Product identifier

Product name: OdorWorx

Other means of identification

Stock numbers: 52624OW, SK52626OW

Recommended use of the chemical and restrictions on use

Recommended use: Fragrance

Restrictions on use: For industrial or professional use only. Not for consumer use.

Name, address, and telephone number of the responsible party

Name: Hawk Research Laboratories, LLC
Address: 7150 Capitol Drive, Wheeling, IL 60090
Telephone: (630) 227-0050
Email: info@hawklabs.com

Emergency phone number (24 hr)

ChemTel: US/Canada 1 (800) 255-3924
International +1 (813) 248-0585
(Contract number MIS0002644)

2 Hazard(s) identification

Classification of the chemical

This product is classified as hazardous according to the OSHA Hazard Communication Standard (29 CFR §1910.1200).

Hazard(s): Eye damage/irritation, category 2
Sensitization – skin, category 1

Signal Word, Hazard Statements, Symbols, & Precautionary Statements

Signal Word: Warning

Hazard Statement(s): Causes serious eye irritation
May cause an allergic skin reaction

Hazard Symbol(s):



Precautionary Statements:

- Wash hands thoroughly after handling. Avoid breathing vapors. Wear eye protection, face protection, and protective gloves. Contaminated work clothing must not be allowed out of the workplace.
- IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical attention.
- IF ON SKIN: Wash with plenty of water. If skin irritation or rash occurs: Get medical attention.
- Wash contaminated clothing before reuse.
- Dispose of contents and container in accordance with local, regional, national, and international regulations.

Hazards not otherwise classified (HNOC)



not applicable (N/A)

Ingredients of unknown acute toxicity

not applicable (N/A)

3 Composition / information on ingredients

Substances

not applicable (N/A)

Mixtures

This product contains the following hazardous components. The exact concentrations (percentages) of composition, and (where indicated) the specific chemical identities of the components have been withheld as trade secrets.

Component	Health hazards	Wt. %
Bicyclic hydrocarbon derivative A CAS No.: Confidential	Skin Sens. 1B	1-3
Camphor CAS No.: 76-22-2	Skin Irrit. 2 Eye Dam. 1 STOT-SE 2 (lungs) TLV®, PEL apply	0.1-1
Acyclic hydrocarbon derivative A CAS No.: Confidential	Skin Irrit. 2 Eye Irrit. 2 Skin Sens. 1B	0.1-1
Acyclic hydrocarbon derivative B CAS No.: Confidential	Skin Irrit. 2 Eye Irrit. 2 Skin Sens. 1B	0.1-1
Acyclic hydrocarbon derivative C CAS No.: Confidential	Skin Irrit. 2 Skin Sens. 1	0.1-1
Acyclic hydrocarbon derivative D CAS No.: Confidential	Skin Irrit. 2 Eye Dam. 1 Skin Sens. 1	≤ 0.1

4 First-aid measures

Description of necessary measures

IF IN EYES: Rinse immediately with water for several minutes. Remove contact lenses if present and easy to do so. Continue rinsing. Get medical attention if eye irritation occurs and persists.

IF INHALED: Remove person to fresh air and keep comfortable for breathing. Get medical attention if you feel unwell after exposure or if respiratory irritation occurs.

IF ON SKIN: Wash immediately with plenty of water. Get medical attention if irritation or rash occurs. Take off contaminated clothing and wash it before reuse. Contaminated work clothing should not be allowed out of the workplace.



IF SWALLOWED: Do not induce vomiting. If vomiting occurs naturally, have person lean forward to reduce the risk of aspiration. Get medical attention.

Most important symptoms / effects, acute and delayed

Refer to Section 2: Hazard(s) identification and Section 11: Toxicological information.

Indication of immediate medical attention and special treatment needed, if necessary

Notes to Physician: Evaluation by a qualified allergist may help diagnose skin allergy.

5 Fire-fighting measures

Suitable (and unsuitable) extinguishing media

Suitable Use water fog, carbon dioxide (CO₂), foam, or dry chemical to extinguish fire.

Unsuitable Do not use high volume water jet as it may scatter and spread the fire.

Specific hazards arising from the chemical

Combustible liquid. Containers may burst or explode under fire conditions.

Toxic to aquatic life with long lasting effects.

Burning may produce hazardous combustion products, including carbon monoxide, carbon dioxide, and other toxic gases.

Special protective equipment and precautions for fire-fighters

Standard protective equipment for fighting chemical fires should be used, including self-contained breathing apparatus (SCBA) and full fire-fighting turn-out gear.

Caution: CO₂ used for extinguishing will displace air in confined spaces and may cause an oxygen deficient atmosphere.

Do not approach containers suspected to be hot. Cool endangered containers with water spray from a protected location. Move undamaged containers from the hazard area if it can be done safely.

Avoid release to the environment. Collect spillage. Water used for extinguishing a fire must be prevented from draining into sewers or being released to the environment.

6 Accidental release measures

Personal precautions, protective equipment, and emergency procedures

Remove all sources of ignition. Do not breathe vapors. Avoid contact with eyes and skin. Wear personal protective equipment (see Section 8: Exposure controls/personal protection). Isolate the hazard area and deny entry to unnecessary and unprotected personnel. Use only non-sparking tools and explosion-proof equipment for cleanup.

Toxic to aquatic life with long lasting effects. Avoid release to the environment. Collect spillage. Do not allow substance to enter into surface water or drains. Contaminated water and soil must be retained and disposed of in accordance with all local, regional, national, and international regulations.

Methods and materials for containment and cleaning up

Contain and collect spillage with non-combustible, absorbent material (e.g. sand, earth, vermiculite or diatomaceous earth) and place in sealable container for disposal (see Section 13: Disposal considerations).

7 Handling and storage

Precautions for safe handling



Combustible liquid. Take precautionary measures against static discharge.

Avoid breathing vapors. Avoid contact with eyes and skin. Wear personal protective equipment (See Section 8: Exposure Controls / Personal Protection). Do not eat, drink, or use tobacco products while working. Wash hands thoroughly after handling and before eating, drinking, or using tobacco products. Take off contaminated clothing and wash it before reuse. Contaminated work clothing should not be allowed out of the workplace. Eye wash station should be available in the immediate work area.

Conditions for safe storage, including any incompatibilities

Keep container tightly closed in a cool, dry, and well-ventilated place. Avoid exposure to heat or direct sunlight. Storage under nitrogen atmosphere is recommended to minimize possible formation of highly reactive peroxides.

8 Exposure controls / personal protection

Exposure Limits

Camphor, CAS No. 76-22-2

ACGIH TLV[®]: 2 ppm TWA; 3 ppm STEL; not classifiable as a human carcinogen

OSHA PEL: 2 mg/m³ TWA

Appropriate engineering controls

Work in well ventilated areas. The use of local exhaust ventilation is recommended to control air contaminants. Provide mechanical ventilation for confined spaces. Use explosion-proof ventilation equipment. Use mechanical handling to reduce human contact with materials. Eye wash station should be available in the immediate work area.

Use only appropriately classified electrical equipment and powered industrial trucks.

Individual protective measures, such as personal protective equipment

The following recommendations are advisory only and must be evaluated by an Industrial Hygienist familiar with the specific situation of anticipated use by the customer.

Eye/Face Protection	Wear chemical safety goggles and a face shield, or equivalent protection.
Skin Protection	Wear protective gloves impervious to the conditions of use and protective clothing. The penetration time of the glove material must be determined by the glove manufacturer and be observed. Protective clothing should be selected depending on activity and possible exposure, e.g. apron, protective boots, or chemical-protection suit.
Respiratory Protection	NIOSH-approved respiratory protection should be worn when there is a potential to exceed the exposure limit requirements or guidelines, or when adverse effects, such as respiratory irritation or discomfort have been experienced, where indicated by your risk assessment process, or in non-routine or emergency situations.

9 Physical and chemical properties

Appearance	pale yellow liquid
Odor	no information available
Odor threshold	no information available
pH	no information available
Melting / freezing point	no information available



Initial boiling point / range	no information available
Flash point	no information available
Evaporation rate	no information available
Flammability	combustible liquid
Upper flammability limit	no information available
Lower flammability limit	no information available
Vapor pressure	no information available
Vapor density	no information available
Relative density	no information available
Solubility in water	no information available
Partition coefficient (n-octanol/water)	no information available
Auto-ignition temperature	no information available
Decomposition temperature	no information available
Viscosity	no information available

10 Stability and reactivity

Reactivity

There are no known reactivity hazards under normal conditions of storage and use.

Chemical stability

This product is expected to be stable under normal conditions of storage and use. Extended contact with air or oxygen may result in the formation of explosive peroxides.

Possibility of hazardous reactions

Combustible liquid. Peroxides formed by extended contact with air may explode when distilled to dryness.

Conditions to avoid

Exposure to heat, electrostatic discharge and ignition sources, accumulation of vapor, extended contact with air or oxygen, distillation to dryness

Incompatible materials

Oxidizing agents (including air or oxygen), strong acids

Hazardous decomposition products

Burning or thermal decomposition may produce hazardous products, including carbon monoxide, carbon dioxide, and other toxic gases.

11 Toxicological information

Information on the likely routes of exposure

As a liquid material, likely routes of exposure include inhalation of vapors, ingestion, skin contact, and eye contact.

Symptoms related to physical, chemical, and toxicological characteristics

EYES	Causes serious eye irritation.
INHALATION	Vapors may be harmful if inhaled.
SKIN	May cause skin irritation. May cause an allergic skin reaction (sensitization) characterized by rash after repeated exposures.
INGESTION	May be harmful if swallowed.
TARGET ORGAN EFFECTS	no information available
CHRONIC EFFECTS	no information available



Toxicological endpoint summary

Acute Toxicity (Oral)

Not classified based on available data for the components and the GHS rules for the classification of mixtures: $ATE_{mixture} > 2,000 \text{ mg/kg}$

Acute Toxicity (Inhalation)

Not classifiable due to lack of component data.

Acute Toxicity (Dermal)

Not classified based on available data for the components and the GHS rules for the classification of mixtures: $ATE_{mixture} > 2,000 \text{ mg/kg}$

Skin Corrosion/Irritation

Not classified based on available data for the components and the GHS rules for the classification of mixtures

Eye Damage/Irritation

Classified as an eye irritant (category 2) based on available data for the components and the GHS rules for the classification of mixtures.

Respiratory Sensitization

Not classifiable due to lack of component data.

Skin Sensitization

Classified as sensitizing (category 1) based on available data for the components and the GHS rules for the classification of mixtures.

Germ Cell Mutagenicity

Not classified based on available data for the components and the GHS rules for the classification of mixtures.

Carcinogenicity

Not classifiable due to lack of component data. This product contains no known components that have been listed in the National Toxicology Program (NTP) Report on Carcinogens or that have been found to be potential carcinogens by the International Agency for Research on Cancer (IARC) or by OSHA.

Reproductive Toxicity

Not classifiable due to lack of component data.

Specific Target Organ Toxicity (Single Exposure)

Not classifiable due to lack of component data.

Specific Target Organ Toxicity (Repeated Exposure)

Not classifiable due to lack of component data.

Aspiration Hazard

Not classifiable due to lack of data.

12 Ecological information

Ecotoxicity

Aquatic toxicity

Classified as Aquatic Acute 2, Aquatic Chronic 2 based on available data for the components and the GHS summation method for the classification of mixtures.



Terrestrial toxicity

no information available

Persistence and degradability

no information available

Bioaccumulative potential

no information available

Mobility in soil

no information available

Other adverse effects

no information available

13 Disposal considerations

Recover or recycle if possible. Offer surplus or non-recyclable material to a licensed waste disposal company. Do not dispose by flushing down drains or sewers. Dispose of contaminated packaging in the same manner as surplus product.

Disposal of product and contaminated packaging should be in accordance with applicable local, regional, national, and international laws and regulations. Local regulations may be more stringent than regional or national requirements.

14 Transport information

UN number

Not classified as a hazardous material under US DOT regulations.

UN proper shipping name

Not classified as a hazardous material under US DOT regulations.

Transport hazard class(es)

Not classified as a hazardous material under US DOT regulations.

Packing group

Not classified as a hazardous material under US DOT regulations.

Environmental hazard(s)

This product is not classified as a Marine Pollutant as defined in 49 CFR §171.8. Classifiable as a Marine Pollutant as defined in IMDG 39-18 2.9.3.

Transport in bulk

no information available

Special precautions

no information available

15 Regulatory information

Inventory status

United States (TSCA)	Components listed or exempt
Canada (DSL)	Components listed or exempt

USA Federal SARA Title III Rules

Section 302: No known components are subject to the reporting requirements of Section 302.



Section 313: No known components are listed on the Section 313 Toxic Chemical List.
Section 311/312 Hazards: Refer to Section 2: Hazard(s) identification

California Proposition 65

This product contains no known component substances listed on the Proposition 65 – Chemicals Known to the State to Cause Cancer or Reproductive Toxicity list dated January 3, 2020.

16 Other information

Revision date

November 20, 2020

Date of previous version

not applicable (N/A)

Reasons for revision

New product

Additional information

not applicable (N/A)

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