

Safety Data Sheet

Stock Number: AWP018
Revision Date: 11-02-2019
Replaces: 27-06-2018

AIRWORKS 3.0 – FRESH LINEN

1. Identification

Product identifier used on the label: AIRWORKS 3.0 – FRESH LINEN
Stock Number: AWP018

Other means of identification:
Synonyms: None

Recommended use of the chemical and restrictions on use:
Recommended use: Liquid Odor Counteractant
Restrictions on use: Uses other than recommended use.

Name, address, and telephone number of the chemical manufacturer, importer, or other responsible party: HOSPECO
26301 Curtiss Wright Parkway
Richmond Heights, Ohio 44143

Telephone number:
E-mail address:
Emergency phone number:

2. Hazard(s) identification

Classification of the chemical in accordance with paragraph (d) of §1910.1200:

GHS Hazard Symbols:



GHS Classification: Skin Sensitisation Category 1B
Aspiration Hazard Category 1
Serious Eye Damage/Eye Irritation Category 2A
Flammable Liquid Category 4

Signal Word: Danger

Hazard Statements: Combustible liquid
May be fatal if swallowed and enters airways.
May cause an allergic skin reaction.
Causes serious eye irritation.

Precautionary Statements:
Prevention: Keep away from heat/sparks/open flames/hot surfaces. – No smoking.
Avoid breathing dust/fume/gas/mist/vapors/spray. Wash thoroughly after handling. Contaminated work clothing should not be allowed out of

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the workplace. Wear protective gloves/protective clothing/eye protection/face protection.

Response:

If swallowed: Immediately call a poison center/doctor. 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. Do NOT induce vomiting. If skin irritation or rash occurs: Get medical advice/attention. If eye irritation persists: Get medical advice/attention. Wash contaminated clothing before reuse. In case of fire: Use an appropriate extinguisher (see section 5) for extinction.

Storage:

Store in a well-ventilated place. Keep cool. Store locked up.

Disposal:

Dispose of contents/container to a suitable disposal site in accordance with local/national/international regulations.

Hazards not otherwise classified:

None Known

3. Composition/information on ingredients

Chemical Name	Common name and synonyms	CAS #	%
Hydrotreated light distillate (Petroleum)	None	90622-58-5	10 - 30
7-Octen-2-ol, 2,6-dimethyl-	None	18479-58-8	7 - 15
1,6-Octadien-3-ol, 3,7-dimethyl-, 3-acetate	None	115-95-7	5 - 10
2,6-Octadien-1-ol, 3,7-dimethyl-, 1-acetate, (2E)-	None	105-87-3	3 - 7
1,6-Octadien-3-ol, 3,7-dimethyl-	None	78-70-6	3 - 7
Oils, eucalyptus	None	8000-48-4	1 - 5
Terpenes and Terpenoids	None	68917-33-9	1 - 5
Naphtha (petroleum), hydrotreated heavy	None	64742-48-9	1 - 5
Cyclohexanol, 4-(1,1-dimethylethyl)-, 1-acetate	None	32210-23-4	1 - 5
2H-1-Benzopyran-2-one	None	91-64-5	1 - 5
2-Heptanol, 2,6-dimethyl-	None	13254-34-7	1 - 5
1-Hexanol, 3,5,5-trimethyl-, 1-acetate	None	58430-94-7	1 - 5
Cyclohexanol, 4-(1,1-dimethylethyl)-	None	98-52-2	1 - 5
Benzoic acid, 2-hydroxy-, hexyl ester	None	6259-76-3	1 - 5

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Cyclohexene, 1-methyl-4-(1-methylethylidene)-	None	586-62-9	0.5 - 1.5
2-Phenylethanol	None	60-12-8	0.5 - 1.5
Benzenepropanal, .alpha.-methyl-4-(1-methylethyl)-	None	103-95-7	0.5 - 1.5
Octanal, 2-(phenylmethylene)-	None	101-86-0	0.5 - 1.5
Ethanone, 1-[(3R,3aR,7R,8aS)-2,3,4,7,8,8a-hexahydro-3,6,8,8-tetramethyl-1H-3a,7-methanoazulen-5-yl]-	None	32388-55-9	0.1 - 1
3-Cyclohexene-1-carboxaldehyde, 4-(4-hydroxy-4-methylpentyl)-	None	31906-04-4	0.1 - 1
3-Cyclohexene-1-carboxaldehyde, 2,4-dimethyl-	None	68039-49-6	0.1 - 1

One or more hazardous ingredient(s) is claimed as a trade secret under the OSHA Hazard Communication Standard. The hazards of this (these) ingredient(s) are given on this SDS.

4. First-aid measures

Description of necessary measures, subdivided according to the different routes of exposure, i.e., inhalation, skin and eye contact, and ingestion:

- Inhalation:** Remove to fresh air. If breathing is difficult, have a trained individual administer oxygen. If not breathing, give artificial respiration and have a trained individual administer oxygen. Get medical attention immediately.
- Eye Contact:** Immediately flush eyes with plenty of water for at least 20 minutes retracting eyelids often. Tilt the head to prevent chemical from transferring to the uncontaminated eye. Get immediate medical attention and monitor the eye daily as advised by your physician.
- Skin Contact:** Wash with soap and water. Remove contaminated clothing and launder. Get medical attention if irritation develops or persists.
- Ingestion:** Do not induce vomiting and seek medical attention immediately. Drink two glasses of water or milk to dilute. Provide medical care provider with this MSDS. Induce vomiting as a last measure. Induced vomiting may lead to aspiration of the material into the lungs potentially causing chemical pneumonitis.

Most important symptoms/effects, acute and delayed: May be fatal if swallowed and enters airways May cause an allergic skin reaction Causes serious eye irritation

Indication of immediate medical attention and special treatment None Known

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needed, if necessary:

5. Fire-fighting measures

Suitable (and unsuitable) extinguishing media:

Suitable extinguishing media: Use alcohol resistant foam, carbon dioxide, or dry chemical extinguishing agents. Water may be ineffective but water spray can be used to extinguish a fire if swept across the base of the flames. Water can absorb heat and keep exposed material from being damaged by fire.

Unsuitable extinguishing media: None Known

Specific hazards arising from the chemical:

Vapors may be ignited by sparks, flames or other sources of ignition if material is above the flash point giving rise to a fire (Class B). Vapors are heavier than air and may travel to a source of ignition and flash back. Combustible Empty containers that retain product residue (liquid, solid/sludge, or vapor) can be dangerous. Do not pressurize, cut, weld, braze, solder, drill, grind, or expose container to heat, flame, sparks, static electricity, or other sources of ignition. Any of these actions can potentially cause an explosion that may lead to injury or death. Combustible Liquid. Can form explosive mixtures at temperatures at or above the flash point.

Hazardous combustion products: Carbon Oxides, Carbon dioxide, Carbon monoxide

Special protective equipment and precautions for fire-fighters:

Do not enter fire area without proper protection including self-contained breathing apparatus and full protective equipment. Fight fire from a safe distance and a protected location due to the potential of hazardous vapors and decomposition products.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures:

No health effects expected from the clean-up of this material if contact can be avoided. Follow personal protective equipment recommendations found in Section VIII of this MSDS

Methods and materials for containment and cleaning up:

No special spill clean-up considerations. Collect and discard in regular trash.

7. Handling and storage

Precautions for safe handling:

Mildly irritating material. Avoid unnecessary exposure. Use with adequate ventilation "Empty" containers retain product residue (liquid and/or vapor) and can be dangerous. Ground and bond containers when

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transferring material Do not get in eyes, on skin and clothing Wash thoroughly after handling Avoid contact with material, avoid breathing dusts or fumes, use only in a well ventilated area. As with all chemicals, good industrial hygiene practices should be followed when handling this material.

Conditions for safe storage, including any incompatibilities:

Safe storage conditions:

Store in a cool dry place. Isolate from incompatible materials. Store in a tightly closed container Limit quantity of material stored. Keep away from sources of ignition Keep away from heat, sparks, and flame Store in a cool dry place Keep container closed when not in use

Materials to Avoid/Chemical Incompatibility:

Strong oxidizing agents, Strong bases, Acids, Bases, Reducing agents, Strong acids, alkalies, Oxidising agents, Amines, Caustics (bases)

8. Exposure controls/personal protection

OSHA permissible exposure limit (PEL), American Conference of Governmental Industrial Hygienists (ACGIH) Threshold Limit Value (TLV), and any other exposure limit used or recommended by the chemical manufacturer, importer, or employer preparing the safety data sheet, where available:

Chemical component	OSHA PEL	ACGIH TLV	ACGIH STEL	IDLH
Naphtha (petroleum), hydrotreated heavy	500 ppm TWA; 2900 mg/m ³ TWA	100 ppm TWA; 525 mg/m ³ TWA	Not established	Not established

Appropriate engineering controls:

Local exhaust ventilation or other engineering controls are normally required when handling or using this product to avoid overexposure.

Facilities storing or using this material should be equipped with an eyewash and safety shower.

Engineering controls must be designed to control vapor concentrations to below levels published in 29 CFR 1910.1000.

Use process enclosures, local exhaust ventilation, or other engineering controls to control airborne levels below recommended exposure limits

Ventilation is required to maintain operator exposure below published exposure limits.

Engineering controls must be designed to meet the OSHA chemical specific standard in 29 CFR 1910.

Individual protection measures, such as personal protective equipment:

Respiratory Protection:

Respiratory protection will be required when handling this product. Use respirators only if ventilation cannot be used to eliminate symptoms or reduce the exposure to below acceptable levels. A supplied air type

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respiratory will be required. Wear a NIOSH approved respirator if any exposure is possible. Follow a respiratory protection program that meets 29 CFR 1910.134 and ANSI Z88.2 requirements whenever work place conditions warrant the use of a respirator.

Eye protection:

Wear chemically resistant safety glasses with side shields when handling this product. Wear additional eye protection such as chemical splash goggles and/or face shield when the possibility exists for eye contact with splashing or spraying liquid, or airborne material. Do not wear contact lenses. Have an eye wash station available.

Wear goggles and a Face shield

Skin protection:

Wear protective gloves. Inspect gloves for chemical break-through and replace at regular intervals. Clean protective equipment regularly. Wash hands and other exposed areas with mild soap and water before eating, drinking, and when leaving work. Where contact is likely, wear chemical resistant gloves, a chemical suit, rubber boots, and chemical safety goggles plus a face shield

Gloves:

No information available

Other protective equipment:

Where contact is likely, wear chemical resistant gloves, a chemical suit, rubber boots, and chemical safety goggles plus a face shield

Wear goggles and a Face shield

General hygiene conditions:

Wear protective gloves/protective clothing/eye protection/face protection. Contaminated work clothing should not be allowed out of the workplace. Wash thoroughly after handling.

9. Physical and chemical properties

Appearance (physical state, color etc.):

Physical state:

Liquid

Color:

Very pale yellow

Odor:

Comparable to Standard

Odor Threshold:

Not determined

pH:

Not applicable

Melting point/freezing point:

Melting Point:

No Data Available ° C

Freezing point:

No Data Available

Initial boiling point and boiling range:

280 ° F

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Flash Point:	160 ° F
Evaporation Rate:	Not determined
Flammability (solid, gas):	No Data Available
Upper/lower flammability or explosive limits:	
Upper flammability or explosive limits:	6.0
Lower flammability or explosive limits:	1.2
Vapor pressure:	No Data Available
Vapor density:	> 1
Relative density:	1
Solubility(ies):	Soluble in water- No
Partition coefficient: n-octanol/water:	No Data Available
Auto-ignition temperature:	270 ° C
Decomposition temperature:	215
Viscosity:	No Data Available
Volatile Organic Chemicals:	43.94
Bulk Density:	7.46

10. Stability and reactivity

Reactivity:	Not expected to be reactive
Chemical stability:	Stable under normal conditions.
Possibility of hazardous reactions:	None expected under standard conditions of storage
Conditions to avoid (e.g., static discharge, shock, or vibration):	Temperatures above flash point in combination with sparks, open flames, or other sources of ignition. Avoid sources of ignition. Protect from light and air direct sunlight. Extremes of temperature. Elevated temperatures. Contamination sparks flame. Heat.
Incompatible materials:	Strong oxidizing agents, Strong bases, Acids, Bases, Reducing agents, Strong acids, alkalis, Oxidising agents, Amines, Caustics (bases)
Hazardous decomposition products:	Carbon Oxides, Carbon dioxide, Carbon monoxide

11. Toxicological information

Description of the various toxicological (health) effects and the available data used to identify those effects:

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Information on the likely routes of exposure (inhalation, ingestion, skin and eye contact):

Inhalation Eye contact Skin contact

Symptoms related to the physical, chemical and toxicological characteristics:

May be fatal if swallowed and enters airways May cause an allergic skin reaction Causes serious eye irritation

Delayed and immediate effects and also chronic effects from short- and long-term exposure:

Ingestion Toxicity:

Harmful if swallowed. Estimated to be 2.0 - 5.0 g/kg; slightly toxic

Skin Contact:

This material is estimated to be corrosive to skin (Primary Irritation Index is > 8.0 [rabbits]). Can cause moderate skin irritation, defatting, and dermatitis. Not likely to cause permanent damage.

Inhalation Toxicity:

No Data Available

Eye Contact:

Contact with the eyes may cause moderate to severe eye injury. Eye contact may result in tearing and reddening, but not likely to permanently injure eye tissue. Temporary vision impairment (cloudy or blurred vision) is possible.

Sensitization:

May cause an allergic skin reaction

Reproductive and Developmental Toxicity:

Possible reproductive hazard.

Carcinogenicity:

No Data Available

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:

Classification has been based on toxicological information of the components in Section 3.

Numerical measures of toxicity (such as acute toxicity estimates):

Chemical Name	LD50 Oral	LD50 Dermal	LC50 Inhalation
Phenethyl alcohol	No Data Available	No Data Available	No Data Available
Oils, eucalyptus	Oral LD50 Rat 2480 mg/kg	No Data Available	No Data Available

Is the hazardous chemical is listed in the National Toxicology Program (NTP) Report on Carcinogens (latest edition) or has been found to be a potential carcinogen in the International Agency for Research on Cancer (IARC) Monographs (latest edition), or by OSHA:

Chemical Name	OSHA Carcinogen	IARC Carcinogen	NTP Carcinogen
No Data Available			

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12. Ecological information

Ecotoxicity (aquatic and terrestrial, where available): No Data Available

Ecological Toxicity Data:

Chemical Name	CAS #	Aquatic EC50 Crustacea	Aquatic ERC50 Algae	Aquatic LC50 Fish
No Data Available				

Persistence and degradability:

Bioaccumulative potential: No Data Available

Mobility in soil: No Data Available

Other adverse effects (such as hazardous to the ozone layer): None Known

13. Disposal considerations

Description of waste residues and information on their safe handling and methods of disposal, including the disposal of any contaminated packaging: Spent or discarded material may be a hazardous waste.

14. Transport information

Carriage of dangerous goods by road (DOT), rail or inland waterways:

UN number: Not Restricted

UN Proper shipping name: No Data Available

Transport hazard class(es): No Data Available

Packing group, if applicable: No Data Available

DOT Basic description: No Data Available

International carriage of dangerous goods by sea (IMDG/IMO):

UN number: Not Restricted

UN Proper shipping name: No Data Available

Transport hazard class(es): No Data Available

Packing group, if applicable: No Data Available

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International carriage of dangerous goods by air (IATA):

UN number: Not Restricted
UN Proper shipping name: No Data Available
Transport hazard class(es): No Data Available
Packing group, if applicable: No Data Available

Environmental hazards (e.g., Marine pollutant (Yes/No)): No

Transport in bulk (according to Annex II of MARPOL 73/78 and the IBC Code): No Data Available

Special precautions which a user needs to be aware of or needs to comply with in connection with transport or conveyance either within or outside their premises: No Data Available

15. Regulatory information

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

TSCA Status: All components in this product are on the TSCA Inventory.

Regulated Components:

Chemical Name	CAS #	CERCLA	Sara EHS	Sara 313	U.S. HAP
No Data Available					

Chemical Name	CAS #	California Prop 65 - Cancer	California Prop 65 - Dev. Toxicity	California Prop 65 - Reprod fem	California Prop 65 - Reprod male
No Data Available					

Chemical Name	CAS #	Massachusetts RTK List	New Jersey RTK List	Pennsylvania RTK List	Rhode Island RTK List	Minnesota Hazardous Substance List
No Data Available						

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16. Other information, including date of preparation or last revision.

SDS Prepared by: CJ

Revision Date: 02-11-2019

Revision Number: 19

Reason for revision: Activated by Document Formulation Generation

Disclaimer: Important: While the descriptions, data and information contained herein are presented in good faith and believed to be accurate, it is provided for your guidance only. Because many factors may affect processing or application/use, we recommend that you perform an assessment to determine the suitability of the product for your particular purpose prior to use. Nothing herein should be interpreted as a recommendation to infringe existing patents or violate any laws or regulations. No warranties of any kind, either expressed or implied, including fitness for a particular purpose are made regarding the product described. We assume NO responsibility for any injuries resulting from misuse or misapplication of this product or that might be sustained because of inhalation, ingestion, absorption or other contact with this product. In no case shall the descriptions, information, or data provided be considered a part of our terms and conditions of sale. Further, the descriptions, data and information furnished hereunder are given gratis. No obligation or liability for the description, data and information given are assumed. All such being given and accepted at your risk.