

# Safety Data Sheet



## 1. Product and Company Identification

Product Name: **Airout®**  
Material Uses: De-foaming additive  
(M)SDS#: airout-20211208  
Validation Date: December-08-2021  
Supplier/Manufacturer: Specialty Polymers & Services, Inc. (SP&S, Inc.)  
27822 Fremont Court  
Valencia, California (CA) 91355, U.S.A.  
Non-emergency phone number: (661) 294-1790 (7AM – 5PM PST)  
E-mail: msds@spolymers.com

In case of emergency: Chemtrec (800) 424-9300 or (703) 527-3887

## 2. Hazards Identification

### GHS CLASSIFICATION OF SUBSTANCE OR MIXTURE:

Flammability:	Category 3, H226	Skin corrosion/irritation:	Category 2, H315
Skin sensitization:	Category 1, H317	Aspiration Hazard:	Category 1, H304
Specific Target Organ Toxicity - Single Exposure (Narcotic):	Category 3, H336	Specific Target Organ Toxicity - Single Exposure (Respiratory Tract):	Category 3, H335
Aquatic Hazard (Acute):	Category 2, H401	Aquatic Hazard (Chronic):	Category 2, H411

### GHS LABEL ELEMENTS:

#### HAZARD SYMBOLS:



#### SIGNAL WORDS:

Danger!

#### HAZARD STATEMENTS:

H226 Flammable liquid and vapor.	H315 Causes skin irritation.
H317 May cause an allergic skin reaction.	H304 May be fatal if swallowed and enters airways.
H336 May cause drowsiness or dizziness.	H335 May cause respiratory irritation.
H401 Toxic to aquatic life.	H411 Toxic to aquatic life with long lasting effects.

### PRECAUTIONARY STATEMENTS:

**PREVENTION:** P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.  
P233 Keep container tightly closed.  
P240 Ground and bond container and receiving equipment.  
P241 Use explosion proof electrical/ventilating/lighting equipment.  
P242 Use only non-sparking tools.  
P243 Take action to prevent static discharges.  
P261 Avoid breathing dust/fume/gas/mist/vapors/spray.  
P264 Wash hands thoroughly after handling.  
P271 Use only outdoors or in a well-ventilated area.  
P272 Contaminated work clothing should not be allowed out of the workplace.  
P273 Avoid release to the environment.  
P280 Wear protective gloves, clothing, and eye/face protection.

- RESPONSE:** P301+P330+P331+P310 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. Immediately call a POISON CENTER and/or doctor.  
 P303+P361+P364+P353+P352 IF ON SKIN (or hair): Take off immediately all contaminated clothing and wash before reuse. Rinse skin with water/shower. Wash with plenty of soap and water.  
 P333+P313 If skin irritation or rash occurs: Get medical attention.  
 P304+P340+P312 IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER and/or doctor if you feel unwell.  
 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+P313 IF exposed or concerned: Get medical attention.  
 P370+P378 In case of fire: Use DRY chemical, alcohol-resistant foam, water spray/fog or carbon-dioxide to extinguish.  
 P391 Collect spillage.
- STORAGE:** P403+P233+235 Store in a well-ventilated place. Keep container tightly closed. Keep cool.  
 P405 Store locked up.
- DISPOSAL:** P501 Dispose of contents and containers in accordance with local, regional and international regulations.

Precautionary statements are listed according to the United Nations Globally Harmonized System of Classification and Labeling of Chemicals (GHS) – Annex III

See toxicological information (section 11)

General Information: Read entire MSDS for a more thorough evaluation of the hazards

### 3. Composition / Information on Ingredients

Name	CAS Number	%
Distillates (petroleum), hydrotreated light	64742-47-8	25 – 30
Naphtha (petroleum), hydrotreated heavy	64742-48-9	20 – 30
Oxirane, mono[(C12-C14-alkyloxy)methyl] derivs.	68609-97-2	10 – 20
Silicon dioxide	7631-86-9	1 – 5

Amounts specified are typical and do not represent a specification. Remaining components are proprietary, non-hazardous, and/or present at amounts below reportable limits.

### 4. First Aid Measures

Eye Contact:	Check for and remove any contact lenses. Immediately flush eyes for at least 15 minutes with running water. Hold eyelids apart to ensure rinsing of the entire eye surface and lids with water. Get medical attention if irritation occurs.
Skin Contact:	In case of contact, wash affected areas with plenty of water, and soap, if available, for several minutes. Remove and clean contaminated clothing and shoes before re-use. Get medical attention if irritation occurs.
Inhalation:	Move exposed person to fresh air. Get medical attention if symptoms occur. If not breathing, give artificial respiration or oxygen. If breathing is difficult, transport to medical care and, if available, give supplemental oxygen. Loosen tight clothing such as a collar, tie, belt, or waistband. Get immediate medical attention.
Ingestion:	Wash out mouth with water. If swallowed dilute by giving two (2) glasses water to drink. Do not induce vomiting until direct to do so by medical personnel. Never give anything by mouth to an unconscious person. Get immediate medical attention.
Note to physician:	No specific treatment. Treat symptomatically. Call poison control center if large quantities were ingested

### 5. Fire-Fighting Measures

Flash point:	40.5°C (104.9°F) closed cup
Hazardous Thermal Decomposition Products:	Decomposition products may include the following materials: carbon dioxide, carbon monoxide, halogenated compounds, metal oxides and other oxides. No hazardous decomposition products are known.
Extinguishing Media:	Carbon dioxide, foam, dry chemical, water spray as suitable for the surrounding fire. Do not use high volume water jet. Use water spray to cool fully closed containers.
Special Exposure Hazards:	Promptly isolate the scene by removing all persons from the vicinity of the fire. No actions shall be taken involving any personal risk or without suitable training.

Special Protective equipment for fire-fighters: Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode. Collect contaminated fire extinguishing water separately. This must not be discharged into drains. Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.

## 6. Accidental Release Measures

**Personal Precautions:** No actions shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering area. Do not touch or walk through spilled material. Avoid breathing vapor or mist and provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment (see Section 8).

**Environmental Precautions:** Avoid dispersal of spilled material and runoff that leads to contact with soil, waterways, drains, and sewers. Inform the relevant authorities if the product has caused environmental pollution.

**Methods of Clean Up:** Stop leak if without risk. Remove all sources of ignition. Beware of vapors accumulating to form explosive concentrations. Vapors can accumulate in low areas. Move containers from spill area. Approach spill from up wind if possible. Prevent spill from entering sewers, rivers and other water courses, basements, or confined areas. Wash into effluent treatment plant or proceed as follows. Contain and collect spillage with non-combustible, absorbent material (e.g. sand, earth, vermiculite, or diatomaceous earth) and place in container for disposal according to local regulations. Dispose of only using a licensed waste disposal contractor. Contaminated absorbent material may pose the same hazard as the spilled product. Note: see section 1 for emergency contact information.

## 7. Handling and Storage

**Handling:** Wear appropriate personal protective equipment (see Section 8) when handling. Eating, drinking, and smoking should be prohibited in areas where chemicals are handled, stored, or processed. Workers should wash hands and face before eating, drinking, and smoking. Do not spray on a naked flame or any incandescent material. Take necessary action to avoid static electricity discharge (which might cause ignition of organic vapors). Keep away from open flames, hot surfaces and sources of ignition. Remove contaminated clothing and protective equipment before entering eating areas. Persons with a history of skin sensitization problems should not be employed in processes where this material is used. Keep in the original container or a suitable alternate made from a compatible material. Keep all containers tightly closed when not in use. Empty containers retain product residue and should be disposed of properly. Do not reuse empty containers for other purposes or to hold other materials.

**Storage:** Store in accordance with local regulations. Store in original containers, at 15°C - 35°C (59°F - 95°F). Keep away from and food and drink. Store in cool, dry, well-ventilated areas away from heat, direct sunlight, strong oxidizers and any incompatibilities. Keep all containers tightly closed when not in use and tightly re-seal after use. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination. Use non-sparking ventilation systems, approved explosion-proof equipment and intrinsically safe electrical systems in areas where this product is used and stored.

## 8. Exposure Controls / Personal Protection

Ingredient	Exposure limits
Distillates (petroleum), hydrotreated light	OSHA Z-1 – TWA (mist): 5 mg/m <sup>3</sup> ACGIH – TWA: 200 mg/m <sup>3</sup> (total hydrocarbon vapor)
Naphtha (petroleum), hydrotreated heavy	OSHA Z-1 – TWA: 500 ppm / 2,000 mg/m <sup>3</sup>
Silicon dioxide	OSHA Z-3 – TWA (dust): 20 million particles per cubic foot (Silica) OSHA Z-3 – TWA (dust): 80 mg/m <sup>3</sup> / %SiO <sub>2</sub> (Silica)

**Recommended Monitoring Procedures:** If this product contains ingredients with exposure limits, personal, workplace, atmospheric, or biological monitoring may be required to determine the effectiveness of the ventilation system or other control measures and/or to determine whether it is necessary to use respiratory protective equipment. Consider European Standard EN 689 or similar industry or governmental guidelines for appropriate methods for the assessment of exposure by inhalation to chemical agents and/or hazardous substances.

**Engineering measures:** No special ventilation requirements are necessary for this product. Good general ventilation should be sufficient to control worker exposure to airborne contaminants. If this product contains ingredients with

exposure limits, use process enclosures, local exhaust ventilation, or other engineering controls to keep worker exposure below the recommended or statutory limits

Hygiene measures: Wash hands, forearms, and face thoroughly after handling any chemical products, before eating, smoking, and using the lavatory and at the end of the work period. Appropriate techniques should be used to remove potentially contaminated clothing. Contaminated clothing should not be allowed out of the workplace. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.

### Personal Protection

**Respiratory:** A respiratory protection program in compliance with 29CFR1910.134, or other applicable regulatory standard must be followed whenever exposure limits may be exceeded. If engineering controls are not feasible, or if inadequate ventilation wear respiratory protection. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator.

**Hands:** Wear neoprene, nitrile rubber or other suitable impervious gloves; consider European Standard EN374 or similar industry or governmental guidelines. Consider the parameters specified by the glove manufacture and check gloves during use to ensure they are retaining their protective properties. Gloves selected must have a breakthrough rating appropriate for the work shift. If a risk assessment indicates that it is necessary, gloves should always be worn when handling chemical products.

**Eyes:** When a risk assessment indicates, safety eyewear complying with an approved standard, such as OSHA Standard 29CFR1910.133 or European Standard EN166, should be used to avoid exposure to liquid splashes, mists, or dusts. If contact is possible, at a minimum use chemical splash goggles. If significant splash hazard may occur, consider using a full-face shield.

**Skin:** Personal Protective equipment for the body should be selected based on the task being performed and the risks involved. Typical protective equipment includes non-absorbent lab coats, disposable protective sleeves, coats, or whole-body suits. Consider CFR1910.132 and CFR1910.136 for OSHA approved standards on protective clothing and footwear. Consider seeing a safety specialist to determine the appropriate level of protection for your task.

**Environmental Exposure Controls:** Emissions from ventilation or work processes should be checked to ensure they comply with the requirements of environmental regulations. In some cases, fume scrubbers, filters, or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.

### 9. Physical and Chemical Properties

Appearance:	Clear to light yellow liquid	Odor:	Aromatic
Boiling Point:	>152°C (>305°F)	Freezing Point:	Not determined
Flash Point:	>40.5°C (>105°F) closed cup	pH:	Not determined
Auto-ignition Temperature:	Not determined	Flammable Limits:	Not determined
Vapor Pressure:	Not determined	Water Solubility:	Practically insoluble
Specific Gravity:	0.86	Vapor Density:	>1 (Air = 1)
Evaporation Rate:	<1 (butyl acetate =1)	VOC:	~430 g/ L (estimated)
Viscosity:	~10 cps		

### 10. Stability and Reactivity

**Chemical Stability:** This product is stable, under normal conditions of storage and use, hazardous reactions will not occur.

**Hazardous Polymerization:** Under normal conditions of storage and use, hazardous polymerization will not occur.

**Conditions to Avoid:** Avoid sources of ignition (sparks or flames). Do not pressurize, cut, weld, braze, solder, drill, grind, or expose containers to heat. Avoid high temperatures and exposure to strong oxidizing agents, acids, and bases. Vapors may form explosive mixture with air.

**Hazardous Decomposition:** Under normal conditions of storage and use, hazardous decomposition products should not be produced. Thermal decomposition products may include the following materials: carbon dioxide, carbon monoxide, halogenated compounds, metal oxides and other oxides. No hazardous decomposition products are known.

### 11. Toxicological Information

#### Acute Toxicity

Product/Ingredient Name	Test	Endpoint	Species	Result
Product	Calculation method	LD50 Dermal		>5,000 mg/kg
Distillates (petroleum), hydrotreated light	-	LD50 Oral	Rat	>15,000 mg/kg

Oxirane, mono[(C12-C14-alkyloxy)methyl] derivs.	Other guidelines	LD50 Oral	Rat – male	26.8 g/kg
	Other guidelines	LC0 Inhalation Vapor	Rat	> 0.15 mg/l (7 hrs)
Silicon dioxide	OECD Test Guideline 401	LD50 Oral	Rat	> 5,000 mg/kg
	OECD Test Guideline 403	LC50 Inhalation dust/mist	Rat- male and female	> 58.8 mg/l (4 hrs)

#### Irritation / Corrosion

Product/Ingredient Name	Test	Species	Result
Distillates (petroleum), hydrotreated light	-	Rabbit	Eyes – No irritation
Oxirane, mono[(C12-C14-alkyloxy)methyl] derivs.	-	Rabbit	Skin – Irritating to skin
	OECD Test Guideline 405	Rabbit	Eyes – slight irritation
Silicon dioxide	OECD Test Guideline 404	Rabbit	Skin – No irritation
	OECD Test Guideline 405	Rabbit	Eyes – No irritation

#### Sensitizer

Product/Ingredient Name	Test	Species	Result
Distillates (petroleum), hydrotreated light	OECD Test Guideline 406	Guinea pig	Skin – Not sensitizing
Oxirane, mono[(C12-C14-alkyloxy)methyl] derivs.	OPPTS 870.2600	Guinea pig	Skin – Not sensitizing

#### Mutagenicity

Product/Ingredient Name	Test	Result
Distillates (petroleum), hydrotreated light	OECD Test Guideline 476 – invitro, metabolic activation +/-	Negative
	OECD Test Guideline 471 – invitro, metabolic activation +/-	Negative
	OECD Test Guideline 479 – invitro, metabolic activation +/-	Negative
	OECD Test Guideline 475 – invivo, Intraperitoneal injection, dose 0.3 – 3 g/kg	Negative
	OECD Test Guideline 478 – invivo, Intraperitoneal injection	Negative
Oxirane, mono[(C12-C14-alkyloxy)methyl] derivs.	Experiment – invitro, Ames test, Salmonella typhimurium, metabolic activation +/-	Positive
	OECD Test Guideline 476 – invitro, Chinese hamster ovary cells, concentration 0.5 – 5.0 µg/ml, metabolic activation +/-	Negative
	OECD Test Guideline 474 – invivo, Intraperitoneal injection, mouse (male and female), bone marrow, 24 hr, 48 hr, 72 hr	Negative
Silicon dioxide	OECD Test Guideline 473 – invitro, metabolic activation +/-	Negative
	OECD Test Guideline 476 – invitro, metabolic activation +/-	Negative
	OECD Test Guideline 471 – invitro, metabolic activation +/-	Negative
	Experiment – invivo, Inhalation, 50 mg/m <sup>3</sup>	Negative

Conclusion/ Summary: the weight of scientific evidence indicates that the components of this product are not genotoxic

#### Carcinogenicity

Product/Ingredient Name	Test	Species	Dose	Exposure	Result/Result type
Distillates (petroleum), hydrotreated light	OECD Test Guideline 451	Mouse-Male, Female	250-500 mg/kg (dermal)	103 weeks; 5 daily	Negative-Dermal
	OECD Test Guideline 451	Mouse-Male, Female	Target Organ: Skin	105 weeks; 3 daily	Positive-Dermal
	OECD Test Guideline 451	Mouse-Male	Target Organ: Skin	24 months; 2 daily	Positive-Dermal
Silicon dioxide	OECD Test Guideline 453	Rat-Male, Female	1800-3200 mg/kg (Oral)	103 weeks; 7 daily	Negative-Oral

Distillates (petroleum), hydrotreated light is classified by ACGIH as confirmed animal carcinogen with unknown relevance to humans.

No other 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, NTP or OSHA or :

#### Reproductive Toxicity

Product/Ingredient Name	Test	Species	Maternal Toxicity	Fertility	Developmental Effects
Distillates (petroleum), hydrotreated light	Oral application route	Rat-Male & Female	-	Negative	-
	OECD Test Guideline 421 (dermal)	Rat-Male & Female	-	Negative	-
	OECD Test Guideline 414 (inhalation)	Rat	-	-	NOAEL: ≥ 364 ppm
	OECD Test Guideline 414 (oral)	Rat	-	-	NOAEL: 500 mg/kg bodyweight
Oxirane, mono[(C12-C14-alkyloxy)methyl] derivs.	OECD Test Guideline 421 (Dermal); 13 weeks, 5 days/week	Rat-Male & Female	NOAEL: 100 mg/kg bodyweight; General Toxicity		
	OECD Test Guideline 414 (Dermal); 6 hour single treatment	Rat-Female	NOAEL: 200 mg/kg bodyweight	-	NOAEL: 200 mg/kg bodyweight
	OECD Test Guideline 414 (Oral)	Mouse	NOAEL: 1,340 mg/kg bodyweight; General Toxicity		

Silicon dioxide	OECD Test Guideline 414 (Oral)	Rabbit	NOAEL: 1,600 mg/kg bodyweight; General Toxicity
	OECD Test Guideline 414 (Oral)	Rat	NOAEL: 1,350 mg/kg bodyweight; General Toxicity

### Teratogenicity

Product/Ingredient Name	Test	Species	Results
Distillates (petroleum), hydrotreated light	OECD Test Guideline 414 (inhalation)	Rat	No teratogenic effects
	OECD Test Guideline 414 (oral)	Rat	No teratogenic effects
Oxirane, mono[(C12-C14-alkyloxy)methyl] derivs.	OECD Test Guideline 414 (Dermal); 6 hour single treatment	Rat-Female	No teratogenic effects
Silicon dioxide	OECD Test Guideline 414 (Oral)	Mouse	No teratogenic effects
	OECD Test Guideline 414 (Oral)	Rabbit	No teratogenic effects
	OECD Test Guideline 414 (Oral)	Rat	No teratogenic effects

### Potential Acute Health Effects

Inhalation: May cause respiratory irritation. May cause drowsiness or dizziness.  
 Ingestion: May be fatal if swallowed and enters airways.  
 Skin Contact: Causes skin irritation. May cause an allergic skin reaction.  
 Eye Contact: May be irritating to the eyes.

### Potential Chronic Health Effects

Product/Ingredient Name	Test	Endpoint	Species	Results
Distillates (petroleum), hydrotreated light	OECD Test Guideline 413; vapor, Ingestion, 2,160 hour exposure time	LOEC ingestion	Rat – Male & Female	750 - 1000 mg/kg, 500 mg/m <sup>3</sup>
Oxirane, mono[(C12-C14-alkyloxy)methyl] derivs.	OECD Test Guideline 411; Dermal, 13 weeks, 5 days/week	NOEL; LOAEL dermal	Rat – Male & Female	NOEL – 1 mg/kg LOAEL – 10 mg/kg
Silicon dioxide	OECD Test Guideline 413; dust/mist, Ingestion, 2, number of exposures: 7d	NOEC ingestion	Rat – Male & Female	4,000 – 4,500 mg/m <sup>3</sup>

General: Once sensitized, an allergic reaction may occur when subsequently exposed to very low levels  
 Target Organs: No known significant effects or critical hazards  
 Carcinogenicity: No known significant effects or critical hazards  
 Mutagenicity: No known significant effects or critical hazards  
 Teratogenicity: No known significant effects or critical hazards  
 Developmental Effects: No known significant effects or critical hazards  
 Fertility Effects: No known significant effects or critical hazards

## 12. Ecological Information

**Environmental Effects:** Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

### Aquatic Ecotoxicity

Product/Ingredient Name	Test	Endpoint	Exposure	Species	Result
Oxirane, mono[(C12-C14-alkyloxy)methyl] derivs.	OECD 201 Algae Growth inhibition Test	Acute IC50	72 hours Static	Algae	843.75 mg/l
	OECD 202 Daphnia Sp. Acute Immobilization Test	Acute EL50	48 hours Static	Daphnia	7.2 mg/l
	OECD Test Guideline 209	Acute IC50	3 hours Static	Bacteria	>100 mg/l
	OECD 203 Fish, Acute toxicity Test	Acute LL50	96 hours Static	Fish	>100 mg/l
Silicon dioxide	OECD Test Guideline 202	Acute LL50	96 hours Static	Fish	> 10,000 mg/l
	OECD Test Guideline 201	Acute EL50	72 hours Static	Algae	> 10,000 mg/l
	OECD Test Guideline 202	Acute EL50	24 hours Static	Daphnia	≥ 1,000 mg/l

### Persistence and Degradability

Product/Ingredient Name	Test	Period	Result
Oxirane, mono[(C12-C14-alkyloxy)methyl] derivs.	OECD derived from OECD 301F (Biodegradation test)	28 days	87%

Product/Ingredient Name	Aquatic half-life	Photolysis	Biodegradability
Oxirane, mono[(C12-C14-alkyloxy)methyl] derivs.	-	-	readily

### Bioaccumulative potential

Product/Ingredient Name	Log P <sub>ow</sub>	BCF	Potential
Oxirane, mono[(C12-C14-alkyloxy)methyl] derivs.	3.77	-	High

Other adverse effects: No known significant effects or critical hazards  
 Other information: BOD5: Not determined      COD: Not Determined      TOC: Not determined

### 13. Disposal Consideration

**Waste Disposal Method:** Disposal of this products, solutions, and by-products should at all times comply with the requirements of environmental and waste disposal legislation and any regional or local authority requirements. Dispose of surplus, non-recyclable products via a licensed waste disposal contractor. Waste should not be disposed on untreated to the sewer system unless this is complaint with all applicable laws and regulations. Incineration by an approved and licensed contractor is the most common disposal method. Packaging materials that and absorbents containing the product can typically be landfilled or incinerated. Contact local authorities to determine the proper means of disposal in your area.

### 14. Transport Information

<b>DOT, 49CFR: Non-Bulk</b>		<b>Label:</b>	Flammable liquid
<b>Proper Shipping Name:</b>	Resin Solution		
<b>Hazard Class:</b>	3	<b>ID Number:</b>	UN1866
		<b>Packing Group:</b>	PGIII
<b>IATA: Non-Bulk</b>		<b>Label:</b>	Flammable liquid
<b>Proper Shipping Name:</b>	Resin Solution		
<b>Hazard Class:</b>	3	<b>ID Number:</b>	UN1866
		<b>Packing Group:</b>	PGIII

### 15. REGULATORY INFORMATION

#### US Federal Regulations:

**Occupational Safety and Health Act (OSHA):** This product is a hazardous chemical under the OSHA Hazard Communication Standard (29 CFR 1910.1200).

**SARA Title III: Section 304 - CERCLA:** This product does not contain chemicals regulated under Section 304 as extremely hazardous substance(s) for emergency release notification ("CERCLA" List).


**SARA Title III: Section 311/312 - Hazard Communication Standard (HCS):** Per the June 13, 2016 Federal Register notice, EPA harmonized the EPCRA 311/312 hazard categories with the 2012 OSHA hazard communication standard for classifying and labeling of chemicals (i.e. GHS). Please refer to section 2 of the SDS to identify the appropriate hazard categories for reporting purposes.

**SARA Title III: Section 313 Toxic Chemical List (TCL):** This product does not contain a toxic chemical for routine annual Toxic Chemical Release Reporting under section 313 (40 CFR 372).

**TSCA Section 8(b) - Inventory Status:** All chemical(s) comprising this product are listed on the TSCA inventory.

**TSCA Section 12(b) - Export Notification:** This product does not contain chemicals which are subject to Section 12(b) export notification.

#### State Regulations:

**California Proposition 65:**  WARNING: This product can expose you to chemicals including Distillates (petroleum), hydrotreated light, which is known to the State of California to cause cancer. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).

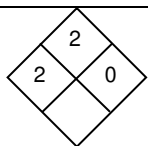
#### International Regulations:

**WHMIS:** Class B-3: Combustible liquid with a flash point between 37.8°C and 93.3°C  
Class D-2B: Material causing other toxic effects

#### International Lists:

Australia Inventory (AICS):	all components are listed or exempt	Malaysia Inventory (EHS register):	Not determined
Canadian Inventory (CEPA-DSL):	all components are listed or exempt	Korea Inventory (ECL):	all components are listed or exempt
China Inventory (IECSC):	all components are listed or exempt	Philippines Inventory (PICCS):	all components are listed or exempt
Japan Inventory (ENCS):	Not in compliance with the inventory	Taiwan Inventory (TCSI):	all components are listed or exempt
New Zealand Inv. of Chem. (NZIoC):	Not in compliance with the inventory	Swiss Inventory (CH INV)	all components are listed or exempt

### 16. OTHER INFORMATION

Hazardous Material Information System (HMIS) - USA		National Fire Protection Association (USA):	
Health	3		
Flammability	2		
Physical Hazards	0		
Personal Protection	C*		

\*suggested minimum personal protection equipment. End user must determine appropriateness of these suggestions for their applications and usage conditions.

**Reason Issued:** update  
**Prepared By:** Preston White      **Approved By:** Chris Meyer      Title: Vice President

**NOTICE TO READER:** While the information and recommendations in this publication are to the best of our knowledge, information and belief accurate at the date of publication, NOTHING HEREIN IS TO BE CONSTRUED AS A WARRANTY, EXPRESS OR OTHERWISE.

IN ALL CASES, IT IS THE RESPONSIBILITY OF THE USER TO DETERMINE THE APPLICABILITY OF SUCH INFORMATION AND RECOMMENDATIONS AND THE SUITABILITY OF PRODUCTS FOR THE USER'S PARTICULAR PURPOSE(S).

THIS PRODUCT MAY PRESENT HAZARDS AND SHOULD BE USED WITH CAUTION. WHILE CERTAIN HAZARDS ARE DESCRIBED IN THIS PUBLICATION, NO GUARANTEE IS MADE THAT THESE ARE THE ONLY HAZARDS THAT EXIST.

The product(s) has not been tested for, and is therefore not recommended for, uses for which prolonged contact with mucous membranes, abraded skin, or blood is intended; or for uses for which implantation within the human body is intended.

Note: Airout® is a registered trademark of Huntsman Advanced Materials. SP&S, Inc. is the exclusive authorized distributor, and re-packer for this product under contract with Huntsman.