

# Safety Data Sheet

## Air Care

### 1. IDENTIFICATION

**Product Identifier:** Air Care

**Canadian TDG:** UN1230

**Synonyms:** Methyl alcohol, Methyl hydrate, Wood alcohol, Wood naphtha

**Chemical Family:** Saturated primary aliphatic alcohol

**Recommended Use:** Sealant/Conditioner

**Restrictions on Use:** None

**Manufacturer/ Supplier:**

Western Seal Corp  
30 – 3703 Mitchelmore Avenue  
Saskatoon, SK  
S7P 0C5

**Prepared by:** The Environmental, Health and Safety Department of Western Seal Corp

**Preparation Date of SDS:** January 22, 2020

**Telephone number of preparer:** 306-260-6426

**24-Hour Emergency Telephone Number (CANUTEC):** (613) 996-6666

### 2. HAZARDS IDENTIFICATION

**GHS Classification**

Flammable liquid – Category 2; Acute toxicity (oral) – Category 3; Acute toxicity (Dermal) – Category 3; Acute toxicity (inhalation) – Category 3; Eye irritation – Category 2B



**Signal Word:** Warning

**Hazard Statements(s):**

H316 – Causes mild skin irritation

H320 – Causes eye irritation

**Precautionary Statement(s):**

Prevention:

P264 - Wash exposed skin thoroughly after handling.

P270 - Do not eat, drink or smoke when using this product.

P280 - Wear protective gloves, protective clothing, eye protection, face protection.

Response:

P305 + P351 + P338 - 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 advice or attention.

P303 + P361 + P353 – IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing and wash it before reuse. Rinse skin with water/shower. If skin or rash occurs: Get medical advice or attention.

P304 + P3410 - IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing  
P312 - Call a poison center or doctor/physician if you feel unwell.

Storage:

P403 + P235 - Store in a well-ventilated place. Keep cool.

Disposal:

P501 - Dispose of contents and container in accordance with local, regional, national and international regulations.

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

| Chemical Name | CAS No. | Concentration % |
|---------------|---------|-----------------|
| Methanol      | 67-56-1 | 15-40           |
| Ethanol       | 64-17-5 | 15-40           |

#### Notes

\*\*If Chemical Name/CAS No is "proprietary" and/or Weight-% is listed as a range, the specific chemical identity and/or percentage of composition has been withheld as a trade secret.\*\*

### 4. FIRST AID MEASURES

#### First-aid Measures

##### Skin Contact

Take off contaminated clothing, shoes and leather goods (e.g. watchbands, belts). Immediately rinse with lukewarm, gently flowing water for 15-20 minutes. If skin irritation or a rash occurs, get medical advice/attention.

Thoroughly clean clothing, shoes and leather goods before reuse or dispose of safely.

##### Eye Contact

Immediately rinse the contaminated eye(s) with lukewarm, gently flowing water for 15-20 minutes, while holding the eyelid(s) open. Take care not to rinse contaminated water into the unaffected eye or onto the face. Remove contact lenses, if present and easy to do. If eye irritation persists, get medical advice/attention.

##### Ingestion

Wash out mouth with water. Remove dentures if any. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Stop if the exposed person feels sick as vomiting may be dangerous. Do not induce vomiting unless directed to do so by medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Get medical attention if adverse health effects persist or are severe. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband

#### Most Important Symptoms and Effects, Acute and Delayed

Symptoms may include headache, nausea, dizziness, drowsiness and confusion. Causes moderate to severe irritation.

### 5. FIRE-FIGHTING MEASURES

#### Extinguishing Media

##### Suitable Extinguishing Media

Carbon dioxide, dry chemical powder or appropriate foam. Use water to keep non-leaking, fire-exposed containers cool.

##### Unsuitable Extinguishing Media

Water is not effective for extinguishing a fire. It may not cool product below its flash point.

#### Specific Hazards Arising from the Chemical

Highly flammable liquid and vapor. In a fire or if heated, a pressure increase will occur and the container may burst, with the risk of a subsequent explosion. The vapor/gas is heavier than air and will spread along the ground. Vapors may

accumulate in low or confined areas or travel a considerable distance to a source of ignition and flash back. Runoff to sewer may create fire or explosion hazard.

#### **Special Protective Equipment and Precautions for Fire-fighters**

Evacuate area. Approach fire from upwind to avoid hazardous vapours or gases.

Stop leak before attempting to put out the fire. Product could form an explosive mixture and reignite. Keep containers cool to avoid bursting.

Before entry, especially into confined areas, use an appropriate monitor to check for: toxic gases or vapours, flammable or explosive atmosphere.

Dike and recover contaminated water for appropriate disposal.

Fire-fighters may enter the area if positive pressure SCBA and full Bunker Gear is worn. If there is potential for skin contact with concentrated cleaner: chemical protective clothing (e.g. chemical splash suit) and positive pressure SCBA may be necessary. See Skin Protection in Section 8 (Exposure Controls/Personal Protection) for advice on suitable chemical protective materials.

## **6. ACCIDENTAL RELEASE MEASURES**

#### **Personal Precautions, Protective Equipment, and Emergency Procedures**

Do not touch damaged

containers or spilled product unless wearing appropriate protective equipment. Use the personal protective equipment recommended in Section 8 of this safety data sheet.

Review Section 7 (Handling) of this safety data sheet before proceeding with clean-up.

#### **Environmental Precautions**

Do not allow into any sewer, on the ground or into any waterway. If the spill is inside a building, prevent product from entering drains, ventilation systems and confined areas.

#### **Methods and Materials for Containment and Cleaning Up**

Contain and soak up spill with absorbent that does not react with spilled product. Do NOT use combustible materials such as sawdust. Place used absorbent into suitable, covered, labelled containers for disposal.

#### **Other Information**

Report spills to local health, safety and environmental authorities, as required.

## **7. HANDLING AND STORAGE**

#### **Precautions for Safe Handling**

Do NOT smoke in work areas. Wash hands thoroughly after handling this material. Immediately remove contaminated clothing using the method that minimizes exposure. Keep contaminated clothing under water, in closed containers.

Launder clothes before rewearing. Inform laundry personnel of product hazard(s). Do not take contaminated clothing home.

#### **Conditions for Safe Storage**

Protect from conditions listed in Conditions to Avoid in Section 10 (Stability and Reactivity). Keep amount in storage to a minimum. Avoid bulk storage indoors.

Comply with all applicable health and safety regulations, fire and building codes.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Control Parameters

| Ingredients | ACGIH® TLV®                                   | OSHA PEL           | IDLH     |
|-------------|---|--------------------|----------|
| Methanol    | 250 ppm STEL (skin)<br>200 ppm TLV-TWA (skin) | 200 ppm TWA (skin) | 6000 ppm |
| Ethanol     | 1000 ppm                                      |                    |          |

### Individual Protection Measures

#### Eye/Face Protection

Do not get in eyes. Wear chemical safety goggles.

#### Skin Protection

Prevent all skin contact. Wear chemical protective clothing e.g. gloves, aprons, boots.

Suitable materials are: Barrier® (PE/PA/PE), Silver Shield/4H® (PE/EVAL/PE), Tychem® Responder, Tychem® TK.

The following materials should NOT be used: neoprene rubber, nitrile rubber, polyvinyl alcohol.

#### Respiratory Protection

Not normally required if product is used as directed.

Concentrated product: wear a NIOSH approved air-purifying respirator with an organic vapour cartridge.

For non-routine or emergency situations: wear a NIOSH approved air-purifying respirator with an organic vapour

Cartridge, or, wear a NIOSH approved self-contained breathing apparatus (SCBA) or supplied air respirator.

**Other Personal Protection Data:** Ensure that eyewash stations and safety showers are proximal to the work-station location.

## 9. CHEMICAL AND PHYSICAL PROPERTIES

### Basic Physical and Chemical Properties

|   |                           |
|---|---------------------------|
| <b>Appearance</b>                                       | Colourless liquid.        |
| <b>Odour</b>  | Not available             |
| <b>Odour Threshold</b>                                  | Not available             |
| <b>pH</b>   | Not applicable            |
| <b>Melting Point/Freezing Point</b>                     | <-11°C / <12°F (freezing) |
| <b>Initial Boiling Point/Range</b>                      | >75 °C / 167°F            |
| <b>Flash Point</b>                                      | 7°C / 45°F                |
| <b>Evaporation Rate</b>                                 | Not available             |
| <b>Flammability (solid, gas)</b>                        | Not applicable (liquid).  |
| <b>Upper/Lower Flammability or Explosive Limit</b>      | Not available             |
| <b>Vapour Pressure</b>                                  | Not available             |
| <b>Vapour Density (air = 1)</b>                         | Not available             |
| <b>Relative Density (water = 1)</b>                     | Not available             |
| <b>Solubility</b>                                       | Not available             |
| <b>Partition Coefficient, n-Octanol/Water (Log Kow)</b> | Not available             |
| <b>Auto-ignition Temperature</b>                        | Not available             |
| <b>Decomposition Temperature</b>                        | Not available             |
| <b>Viscosity</b>  | Not available             |
| <b>Other Information</b>                                |                           |
| <b>Physical State:</b>                                  | Liquid                    |

## 10. STABILITY AND REACTIVITY

### Reactivity

Not reactive. Not sensitive to mechanical impact.

### Chemical Stability

Normally stable.

### Possibility of Hazardous Reactions

None expected under normal conditions of storage and use.

### Conditions to Avoid

Open flames, sparks, static discharge, heat and other ignition sources.

### Incompatible Materials

Oxidizing agents (e.g. peroxides)

### Hazardous Decomposition Products

Under normal conditions of storage and use, hazardous polymerization will not occur.

## 11. TOXICOLOGICAL INFORMATION

**Likely Routes of Exposure** Inhalation; skin contact; eye contact; ingestion.

| Chemical Name | LD50s and LC50s Route and Species:  |
|---------------|---|
| Methanol      | Dermal LD50 (Rabbit) 15800 mg/kg Oral LD50 (Rat) 5850 mg/kg Inhalation LC50 (Rat) >32,000 ppm / 8hrs Inhalation LC50 (Rat) 64000 ppm (4-hour exposure) Oral LD50 (Mouse) 7300 mg/kg |
| Ethanol       | Oral LD50 (Rat) 7060 mg/kg<br>Dermal LD50 (Rat) 20000 mg/kg   |

### Skin Corrosion/Irritation

May cause mild irritation based on information for closely related chemicals.

### Serious Eye Damage/Irritation

Animal tests show no or very mil eye irritation.

### STOT (Specific Target Organ Toxicity) - Single Exposure Inhalation

Evaluation of available data suggests that this material is not an STOT-SE toxicant.

### Aspiration Hazard

Not an aspiration hazard.

### STOT (Specific Target Organ Toxicity) - Repeated Exposure

Following skin contact: may cause dermatitis.

May cause harmful effects on the kidneys, harmful effects on the liver.

### Respiratory and/or Skin Sensitization

Not a respiratory sensitizer.

Skin sensitizer. May cause an allergic reaction (skin sensitization) based on information for closely related chemicals.

### Carcinogenicity

| Chemical Name | IARC       | ACGIH          | NTP        | OSHA       |
|---------------|------------|----------------|------------|------------|
| Methanol      | Not listed | Not designated | Not listed | Not listed |

### Reproductive Toxicity

#### Sexual Function and Fertility

Does not cause effects on sexual function or fertility.

### Germ Cell Mutagenicity

No information was located.

### Sexual Function and Fertility

Does not cause effects on sexual function or fertility.

### Interactive Effects

No information was located.

### Additional Information:

No information was located.

## 12. ECOLOGICAL INFORMATION

### Ecotoxicological Information:

| Ingredients | Ecotoxicity - Fish Species Data  | Acute Crustaceans Toxicity:                | Ecotoxicity - Freshwater Algae Data                     |
|-------------|--|--|---|
| Methanol    | LC50 (Oncorhynchus mykiss)<br>13200 mg/L<br>LC50 (Pimephalespromelas)<br>28100 mg/L (96 hrs)<br>LC50 (Lepomismacrochirus)<br>15400 mg/L (96 hrs) | EC50 (Daphnia Magna)<br>24500 mg/L (48hrs) | EC50<br>(Selenastrumcapricornutum): 7.1<br>mg/L (48hrs) |
| Ethanol     | LC50 (Pimephalespromelas)<br>13500 mg/L (96 hrs)   |  |   |

### Other Information:

If released into the environment, this product can move rapidly through the soil.

## 13. DISPOSAL CONSIDERATIONS

### Disposal Methods

Recommended disposal methods are for the product, as sold. (Used material may contain other hazardous contaminants). The required hazard evaluation of the waste and compliance with the applicable hazardous waste laws are the responsibility of the user.

Burn in an approved incinerator according to federal, provincial/state, and local regulations.

Empty containers retain product residue. Follow label warnings even if container appears to be empty. The container for this product can present explosion or fire hazards, even when emptied. Do not cut, puncture, or weld on or near this container.

## 14. TRANSPORT INFORMATION

### DOT (U.S.):

**DOT Shipping Name:** METHANOL

**DOT Hazardous Class** 3 (6.1)

**DOT UN Number:** UN1230

**DOT Packing Group:** II

**DOT Reportable Quantity (lbs):** Not Available.

**Marine Pollutant:** No.

### TDG (Canada):

**TDG Shipping Name:** METHANOL.

**Hazard Class:** 3 (6.1)

**UN Number:** UN1230

**Packing Group:** II

**Marine Pollutant:** No.

### Special Precautions for User

Not applicable

### Transport in Bulk According to Annex II of MARPOL 73/78 and the IBC Code

Not applicable

## 15. REGULATORY INFORMATION

### Canada

#### WHMIS Classification

D2B - Toxic (Eye irritant; Skin sensitization)

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and the SDS contains all of the information required by the Controlled Products Regulations.

#### Domestic Substances List (DSL) / Non-Domestic Substances List (NDSL)

All ingredients are listed on the DSL/NDSL.

### USA

#### Toxic Substances Control Act (TSCA) Section 8(b)

All ingredients are listed on the TSCA Inventory.

## 16. OTHER INFORMATION

### Additional Information:

This product has been classified in accordance with the Globally Harmonized System of Classification and Labeling of Chemicals (GHS) and the SDS contains all the information required by the Hazardous Products Regulations (HPR).

### Prepared by:

The Environmental, Health and Safety Department of Genesis Chemicals Ltd

### Date of Latest Revision:

January 22, 2020

**Key to Abbreviations:**

IARC = International Agency for Research on Cancer. Group 3 = Not classifiable as to its carcinogenicity to humans. ACGIH® = American Conference of Governmental Industrial Hygienists. A4 = Not classifiable as a human carcinogen. NTP = National Toxicology Program. OSHA = US Occupational Safety and Health Administration. ACGIH® = American Conference of Governmental Industrial Hygienists. TLV® = Threshold Limit Value. TWA = Time-Weighted Average. STEL = Short-term Exposure Limit. A4 = Not classifiable as a human carcinogen. OSHA = US Occupational Safety and Health Administration. PEL = Permissible Exposure Limits. IDLH = Immediately Dangerous to Life and Health.

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**\*\*\*END OF SDS\*\*\***