

**ZECO20024 – HOTLINE GAS LINE ANTIFREEZE**

**SECTION 1: IDENTIFICATION**

**1.1 PRODUCT IDENTIFIER**

Product name HOTLINE Gas Line Antifreeze  
Product number ZECO20024  
Brand Zecol

**1.4 SUPPLIER'S DETAILS**

Name Highline Aftermarket  
Address 4500 Malone Road  
Memphis TN 38118  
Telephone 901-775-5555  
email sds@highlineaftermarket.com

**1.5 EMERGENCY PHONE NUMBER**

CHEM-TEL (800) 255-3924  
24 Hour Assistance

**SECTION 2: HAZARD IDENTIFICATION**

**General hazard statement**

"Consumer Products", as defined by the US Consumer Product Safety Act and which are used as intended (typical consumer duration and frequency), are exempt from the OSHA Hazard Communication Standard (29 CFR 1910.1200). This SDS is being provided as a courtesy to help assist in the safe handling and proper use of the product.

**2.1 CLASSIFICATION OF THE SUBSTANCE OR MIXTURE**

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

- Flammable Liquid – Category 2
- Sensitization, skin, Cat. 1
- Acute toxicity, dermal, Cat. 3
- Acute toxicity, inhalation, Cat. 3
- Acute toxicity, oral, Cat. 3
- Carcinogenicity, Cat. 1B
- Germ cell mutagenicity, Cat. 1B
- Skin corrosion/irritation, Cat. 3
- Specific target organ toxicity (single exposure), Cat. 1

**2.2 GHS LABEL ELEMENTS, INCLUDING PRECAUTIONARY STATEMENTS**

**Pictogram**



1. Skull and crossbones; 2. Health hazard; 3. Flammable

**Signal word**

**Danger**

**Hazard statement(s)**

H225  
H301  
H311  
H317  
H331  
H340  
H350  
H370

Highly Flammable Liquid and Vapor.  
Toxic if swallowed  
Toxic in contact with skin  
May cause an allergic skin reaction  
Toxic if inhaled  
May cause genetic defects  
May cause cancer  
Causes damage to organs

**Precautionary statement(s)**

P201  
P202  
P260  
P261  
P264  
P270  
P271  
P272  
P280  
P301+P310  
P302+P352  
P304+P340  
P308+P311  
P330  
P333+P313  
P361+P364  
P363  
P403+P233  
P405  
P501

Obtain special instructions before use.  
Do not handle until all safety precautions have been read and understood.  
Do not breathe dust/fume/gas/mist/vapors/spray.  
Avoid breathing dust/fume/gas/mist/vapors/spray.  
Wash hands thoroughly after handling.  
Do not eat, drink or smoke when using this product.  
Use only outdoors or in a well-ventilated area.  
Contaminated work clothing must not be allowed out of the workplace.  
Wear protective gloves/protective clothing/eye protection/face protection.  
IF SWALLOWED: Immediately call a POISON CENTER/doctor  
IF ON SKIN: Wash with plenty of water  
IF INHALED: Remove person to fresh air and keep comfortable for breathing.  
IF exposed or concerned: Call a POISON CENTER/doctor  
Rinse mouth.  
If skin irritation or rash occurs: Get medical advice/attention.  
Take off immediately all contaminated clothing and wash it before reuse.  
Wash contaminated clothing before reuse.  
Store in a well-ventilated place. Keep container tightly closed.  
Store locked up.  
Dispose of contents/container to proper receptacle.

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**SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS**

**3.2 MIXTURES**

**Components**

**1. Methanol**

Concentration > 99 % (volume)  
EC no. 200-659-6  
CAS no. 67-56-1  
Index no. 603-001-00-X

- Flammable liquids, Cat. 2
- Acute toxicity, inhalation, Cat. 3
- Acute toxicity, dermal, Cat. 3
- Acute toxicity, oral, Cat. 3

- Specific target organ toxicity (single exposure), Cat. 1

H225	Highly flammable liquid and vapor
H301	Toxic if swallowed
H311	Toxic in contact with skin
H331	Toxic if inhaled
H370	Causes damage to organs [organs, route]

## SECTION 4: FIRST-AID MEASURES

### 4.1 DESCRIPTION OF NECESSARY FIRST-AID MEASURES

General advice	Consult a physician. Show this safety data sheet to the doctor in attendance. Move out of dangerous area.
If inhaled	Call a poison center or doctor if you feel unwell.  Acute and delayed symptoms and effects: May cause respiratory irritation. Signs/symptoms may include cough, sneezing, nasal discharge, headache, hoarseness, and nose and throat pain.
In case of skin contact	Rinse with plenty of water. Call a doctor if irritation develops or persists.  Acute and delayed symptoms and effects: May cause skin irritation. Signs/symptoms may include localized redness, swelling, and itching.
In case of eye contact	Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Call a doctor if you feel unwell.  Acute and delayed symptoms and effects: May cause eye irritation. Signs/symptoms may include redness, swelling, pain, tearing, and blurred or hazy vision.
If swallowed	Rinse mouth. If vomiting occurs naturally, have victim lean forward to reduce the risk of aspiration. Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Call a poison center or doctor immediately  Acute and delayed symptoms and effects: Harmful if swallowed.

### 4.2 MOST IMPORTANT SYMPTOMS/EFFECTS, ACUTE AND DELAYED

The most important known symptoms and effects are described in the labelling (see section 2) and/or in section 11

### 4.3 INDICATION OF IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT NEEDED, IF NECESSARY

Treat symptomatically.

## SECTION 5: FIRE-FIGHTING MEASURES

### 5.1 SUITABLE EXTINGUISHING MEDIA

Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

**5.2 SPECIFIC HAZARDS ARISING FROM THE CHEMICAL**

Methanol: Carbon oxides

**5.3 SPECIAL PROTECTIVE ACTIONS FOR FIRE-FIGHTERS**

Wear self-contained breathing apparatus for firefighting if necessary.

**Further information**

Use water spray to cool unopened containers.

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**SECTION 6: ACCIDENTAL RELEASE MEASURES**

**6.1 PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES**

Use personal protective equipment as described in Section 8. Do not get in eyes, on skin, or on clothing. Ensure adequate ventilation. Evacuate personnel to safe areas.

**6.3 METHODS AND MATERIALS FOR CONTAINMENT AND CLEANING UP**

Soak up with inert absorbent material and dispose of as hazardous waste. Keep in suitable, closed containers for disposal.

**Reference to other sections**

For disposal see section 13.

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**SECTION 7: HANDLING AND STORAGE**

**7.1 PRECAUTIONS FOR SAFE HANDLING**

Use personal protective equipment as required. Keep container closed when not in use. Never return spills in original containers for re-use. Keep out of the reach of children.

**7.2 CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATIBILITIES**

Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage.

**Specific end use(s)**

Apart from the uses mentioned in section 1 no other specific uses are stipulated.

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**SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION**

**8.1 CONTROL PARAMETERS**

**1. Methanol (CAS: 67-56-1 EC: 200-659-6)**

PEL-TWA (Inhalation): 200 ppm, 260 mg/m<sup>3</sup> (OSHA)

Headache. Nausea. Dizziness. Eye damage Substances for which there is a Biological Exposure Index or Indices  
Danger of cutaneous absorption

PEL-TWA (Inhalation): 200 ppm (Cal/OSHA)

PEL-ST (Inhalation): 250 ppm (Cal/OSHA)

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

PEL-ST (Inhalation): 250 ppm (NIOSH)  
 REL-TWA (Inhalation): 200 ppm (NIOSH)  
 TLV® (Inhalation): 200 ppm (ACGIH)  
 TLV® (Inhalation): 250 ppm (ST) (ACGIH)

**8.2 APPROPRIATE ENGINEERING CONTROLS**

Use ventilation adequate to keep exposures (airborne levels of dust, fume, vapor, gas, etc.) below recommended exposure limits.

**8.3 INDIVIDUAL PROTECTION MEASURES, SUCH AS PERSONAL PROTECTIVE EQUIPMENT (PPE)**

**Pictograms**



**Eye/face protection**

No special protective equipment required for normal use. Safety glasses are recommended for industrial use of if splash hazard .

**Skin protection**

Not required for normal product use.

**Body protection**

Wear protective clothing. The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

**Respiratory protection**

Not required under normal use conditions. Where risk assessment shows air-purifying respirators are appropriate use a full-face respirator with multipurpose combination (US) or type ABEK (EN 14387) respirator cartridges as a backup to engineering controls. If the respirator is the sole means of protection, use a full-face supplied air respirator. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

**Thermal hazards**

No data available.

**Environmental exposure controls**

Do not let product enter drains.

**SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**

**Information on basic physical and chemical properties**

Appearance/form (physical state, color, etc.)	Clear Orange Liquid
Odor	Mild
Odor threshold	No data available.
pH	Neutral
Melting point/freezing point	No data available.
Initial boiling point and boiling range	No data available.

Flash point	No data available.
Evaporation rate	No data available.
Flammability (solid, gas)	No data available.
Upper/lower flammability limits	No data available.
Upper/lower explosive limits	No data available.
Vapor pressure	No data available.
Vapor density	No data available.
Relative density	1.0
Solubility(ies)	No data available.
Partition coefficient: n-octanol/water	No data available.
Auto-ignition temperature	No data available.
Decomposition temperature	No data available.
Viscosity	No data available.
Explosive properties	No data available.
Oxidizing properties	No data available.

**Other safety information**

No data available.

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**SECTION 10: STABILITY AND REACTIVITY**

**10.1 REACTIVITY**

Contact with incompatible materials. Sources of ignition. Exposure to heat.

**10.2 CHEMICAL STABILITY**

Stable under normal storage conditions.

**10.3 POSSIBILITY OF HAZARDOUS REACTIONS**

No data available.

**10.4 CONDITIONS TO AVOID**

Heat, flames and sparks. Incompatible products. Keep away from open flames, hot surfaces and sources of ignition.

**10.5 INCOMPATIBLE MATERIALS**

2-Butoxyethanol: Strong oxidizing agents

Methanol: Acid chlorides, Acid anhydrides, Oxidizing agents, Alkali metals, Reducing agents, Acids

**10.6 HAZARDOUS DECOMPOSITION PRODUCTS**

No data available.

2-Butoxyethanol: Hazardous decomposition products formed under fire conditions. - Carbon oxides

Other decomposition products - No data available

In the event of fire: see section 5

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**SECTION 11: TOXICOLOGICAL INFORMATION**

**Information on toxicological effects**

**Acute toxicity**

Symptoms (including delayed and immediate effects):

Inhalation: May cause respiratory irritation. Signs/symptoms may include cough, sneezing, nasal discharge, headache, hoarseness, and nose and throat pain.

Ingestion: May cause gastrointestinal irritation. Signs/symptoms may include abdominal pain, stomach upset, nausea, vomiting and diarrhea.

ATE (dermal) of mixture: 378.44 mg/kg

ATE (inhalation, gaseous) of mixture: 884.33 ppmv

ATE (oral) of mixture: 126.26 mg/kg

**Skin corrosion/irritation**

May cause skin irritation. Signs/symptoms may include localized redness, swelling, and itching.

**Serious eye damage/irritation**

May cause eye irritation. Signs/symptoms may include redness, swelling, pain, tearing, and blurred or hazy vision.

**Respiratory or skin sensitization**

May cause allergy or asthma symptoms or breathing difficulties if inhaled

**Additional information**

No data available.

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## SECTION 12: ECOLOGICAL INFORMATION

**Toxicity**

No data available on product

**Persistence and degradability**

No data available on product

**Bioaccumulative potential**

No data available on product

**Mobility in soil**

No data available.

**Results of PBT and vPvB assessment**

PBT/vPvB assessment not available as chemical safety assessment not required/not conducted

**Other adverse effects**

No data available.

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## SECTION 13: DISPOSAL CONSIDERATIONS

**Disposal of the product**

Disposal should be in accordance with applicable Federal, State and local laws and regulations. Local regulations may be more stringent than State or Federal requirements.

**Disposal of contaminated packaging** Dispose of as unused product.

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## SECTION 14: TRANSPORT INFORMATION

### DOT (US)

UN Number: 1230  
Class: 3  
Packing Group: II  
Proper Shipping Name: Methanol  
Reportable quantity (RQ):  
Marine pollutant: No  
Poison inhalation hazard: Yes

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## SECTION 15: REGULATORY INFORMATION

### 15.1 SAFETY, HEALTH AND ENVIRONMENTAL REGULATIONS SPECIFIC FOR THE PRODUCT IN QUESTION

#### California Prop. 65 Components

Chemical name: Methanol  
CAS number: 67-56-1  
03/16/2012 - Developmental toxicity

State of California to cause birth defects or other reproductive harm.

Methanol  
CAS-No. 67-56-1

#### Massachusetts Right To Know Components

Chemical name: Methanol  
CAS number: 67-56-1

#### New Jersey Right To Know Components

Chemical name: Methanol  
CAS number: 67-56-1

#### Pennsylvania Right To Know Components

Chemical name: Methanol  
CAS number: 67-56-1

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## SECTION 16: OTHER INFORMATION

### 16.1 FURTHER INFORMATION/DISCLAIMER

DISCLAIMER: The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigation to determine the suitability of information for their particular purposes. In no event shall Highline Aftermarket be liable for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential or exemplary damages, whatsoever arising, even if Highline Aftermarket has been advised of the possibility of such damages.

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