WECHEM Engineered Chemistries Superior Solutions **SDS**

**Ice Stopper (Concentrate) (Rev 1-10-24)**

SDS Number: V221E

Revision Date: 1/10/2024



## 1 PRODUCT AND COMPANY IDENTIFICATION

**Manufacturer**
Wechem, Inc
5734 Susitna Dr
Harahan, LA 70123

**Contact:** Ligia M. Hernandez
**Phone:** 504-733-1152
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**Web:** www.wechem.com

**Product Identifier:** Ice Stopper (Concentrate) (Rev 1-10-24)
**SDS Number:** V221E
**Product Code:** V221
**Revision Date:** 1/10/2024
**Product Use:** Windshield Washer Fluid Solvent & Cleaner

Emergency Telephone Number:
INFOTRAC
1-800-535-5053

## 2 HAZARDS IDENTIFICATION

### Classification of the Substance or Mixture

**GHS Classification in Accordance with 29 CFR 1910 (OSHA HCS):**

Physical, Flammable Liquids, 3
Health, Aspiration hazard, 1
Health, Skin corrosion/irritation, 2
Health, Acute toxicity, 3 Inhalation
Health, Serious Eye Damage/Eye Irritation, 2 A

### GHS Label Elements, Including Precautionary Statements

**GHS Signal Word:** DANGER

**GHS Hazard Pictograms:**

**GHS Hazard Statements:**

H226 - Flammable liquid and vapor
H304 - May be fatal if swallowed and enters airways
H315 - Causes skin irritation
H331 - Toxic if inhaled
H319 - Causes serious eye irritation

**GHS Precautionary Statements:**

P210 - Keep away from heat/sparks/open flames/hot surfaces. No smoking
P280 - Wear protective gloves/protective clothing/eye protection/face protection.
P301+310 - IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
P303+361+353 - IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.
P333+313 - If skin irritation or a rash occurs: Get medical advice/attention.
P304+340 - IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
P310 - Immediately call a POISON CENTER or doctor/physician.
P305+351+338 - IF IN EYES: Rinse continuously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.
P315 - Get immediate medical advice/attention.

P403+235 - Store in a well ventilated place. Keep cool.
P501 - Dispose of contents/container in accordance to local/regional/national/international regulations.

## Hazards not Otherwise Classified (HNOC) or not Covered by GHS

**Route of Entry:** Ingestion, skin absorption, inhalation, eye
**Target Organs:** NA
**Inhalation:** Extremely high levels cause stupor, headache, nausea, dizziness, and unconsciousness
**Skin Contact:** Essentialy non-irritating. Repeated or prolonged contact causes drying, brittleness, cracking and irritation. Slightly toxic to animals by absorption.
**Eye Contact:** May cause eye injury which may persist for several days. Liquid and vapor in high concentration causes irritation, tearing and burning sensation.
**Ingestion:** Poisonous if swallowed. Can effect the optic nerve resulting in blindness. Can cause mental sluggishness, nausea and vomiting leading to severe illness, possibly death (in humans).

## 3 COMPOSITION/INFORMATION ON INGREDIENTS

| Chemical Ingredients: | | |
|---|---|---|
| CAS# | % | Chemical Name: |
| 67-56-1 | 70-75% | Methanol |

## 4 FIRST AID MEASURES

**Inhalation:** If symptoms develop move victim to fresh air. Get medical attention if symptoms develop or persist.
**Skin Contact:** Wash off immediately with plenty of water. Remove and isolate contaminated clothing and shoes. Get medical attention if irritation develops and persists.
**Eye Contact:** In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. If easy to do, remove contact lenses, if worn. Get immediate medical advice/attention.
**Ingestion:** If material is ingested, immediately contact a poison control center or doctor/physician. Rinse mouth thoroughly. If vomiting occurs naturally, have victim lean forward to reduce risk of aspiration. Induce vomiting only as instructed by medical personnel.

## 5 FIRE FIGHTING MEASURES

**Flammability:** Flammable
**Flash Point:** 60-70 Deg. F.
**Flash Point Method:** Not Available
Extinguishing media: Foam, dry chemical, carbon dioxide, sand, water spray. Water may be ineffective but should be used to cool fire-exposed structures and vessels.
Special Fire fighting procedures: Use self-contained breathing apparatus and complete protective equipment when potential for exposure to vapors or products of combustion exists. Water spray can be used to reduce intensity of flames and to dilute spills to nonflammable mixture.

Unusual Fire & Explosion Hazard: Vapor is heavier than air and can travel considerable distance to a source of ignition and flashback. Material can burn with little or no visible flame.

## 6 ACCIDENTAL RELEASE MEASURES

Remove all sources of ignition and ventilate area. If fire potential exists, blanket spill with foam or use water spray to disperse vapors. Contain spill to minimize contaminated area to facilitate salvage or disposal. To clean up spill, flush area sparingly with water or use absorbent.

## 7 HANDLING AND STORAGE

**Handling Precautions:** Flammable Liquid. Do not handle or store near an open flame, heat or other sources of ignitiion. Do not smoke while using or until sprayed surface is thoroughly dry. Do not cut, weld, solder, drill, grind, or expose containers to heat, flame, sparks, or other sources of ignition. All equipment used when handling the product must be grounded. Do not re-use empty containers. Do not get this material in contact with

| | |
|---|---|
| | eyes. Do not get this material in contact with skin. Avoid prolonged exposure. Use in a well-ventilated area . Wash thoroughly after handling. Keep away from heat, sparks, and flame. . Do not expose to temperatures above 120 Deg F. Keep out of reach of children. |
| **Storage Requirements:** | Flammable Liquid. Keep away from heat, sparks, and flame. Do not handle or store near an open flame, heat or other source of ignition. This material can accumulate static charge which may cause spark and become an ignition source. Store in a well-ventilated place. Keep away from food, drink and animal feeding stuffs. Store away from incompatible materials. Keep out of reach of children. Store in a cool, well-ventilated area. Do not expose to temperatures above 120 Deg F. |

## 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

| | |
|---|---|
| **Engineering Controls:** | Ventilation Requirement: Local exhaust to keep TLV below acceptable limits. |
| **Personal Protective Equipment:** | Respiratory Protection: None below TLV.<br>Protective gloves: Neoprene or rubber<br>Eye protection: Chemical safety goggles. |

In case of insufficient ventilation, wear suitable respiratory equipment. 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.

Do not eat, smoke or drink where material is handled, processed or stored. Wash hands carefully before eating or smoking.

Methanol cas#:(67-56-1) [70-75%]

Components with workplace control parameters

TWA 200 ppm USA. ACGIH Threshold Limit Values (TLV)
Headache Eye damage Substances for which there is a Biological Exposure Index or Indices (see BEI section) Danger of cutaneous absorption

STEL 250 ppm USA. ACGIH Threshold Limit Values (TLV)
Headache Eye damage Substances for which there is a Biological Exposure Index or Indices (see BEI section) Danger of cutaneous absorption

TWA 200 ppm USA. OSHA - TABLE Z-1 Limits for Air Contaminants -
260 mg/m3 1910.1000
Skin notation

STEL 250 ppm USA. OSHA - TABLE Z-1 Limits for Air Contaminants -
325 mg/m3 1910.1000
Skin notation

TWA 200 ppm USA. Occupational Exposure Limits (OSHA) - Table Z- 1
260 mg/m3 Limits for Air Contaminants
The value in mg/m3 is approximate.

TWA 200 ppm USA. NIOSH Recommended Exposure Limits
260 mg/m3
Potential for dermal absorption

ST 250 ppm USA. NIOSH Recommended Exposure Limits
325 mg/m3
Potential for dermal absorption

## 9 PHYSICAL AND CHEMICAL PROPERTIES

| | | | |
|---|---|---|---|
| **Appearance:** | Clear blue liquid | | |
| **Physical State:** | Liquid | **Odor:** | Alcohol |
| **Spec Grav./Density:** | (H20=1): @ 75 Deg. F: 0.867 | **Solubility:** | Complete |
| **Boiling Point:** | Not determined | **Freezing/Melting Pt.:** | Not available |
| **pH:** | 7 +/- 1 | **Flash Point:** | 60-70 Deg. F. |
| | | **Vapor Density:** | (Air=1): > 1 |
| | | **VOC:** | Not available |

## 10 STABILITY AND REACTIVITY

| | |
|---|---|
| **Chemical Stability:** | Stable and non-reactive under normal conditions of use, storage and transport. |
| **Conditions to Avoid:** | Contact with heat, sparks, open flame |
| **Materials to Avoid:** | Sulfuric acid; oxidizing agents such as hydrogen peroxide, nitric acid, perchloric acid and chromium trioxide. |
| **Hazardous Decomposition:** | Normal combustion products from bursting. Carbon monoxide, Carbon dioxide |
| **Hazardous Polymerization:** | Will not occur |

## 11 TOXICOLOGICAL INFORMATION

Data summary for the components are as follows:
Acute

Methanol cas#:(67-56-1) [70-75%]

Information on toxicological effects

Acute toxicity:
Oral LD50 LDLO Oral - Human - 143 mg/kg Remarks: Lungs, Thorax, or Respiration:Dyspnea. Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhoea.
LD50 Oral - rat - 1,187 - 2,769 mg/kg
Inhalation LC50 LC50 Inhalation - rat - 4 h - 128.2 mg/l
LC50 Inhalation - rat - 6 h - 87.6 mg/l
Dermal LD50 LD50 Dermal - rabbit - 17,100 mg/kg
Other information on acute toxicity no data available

Skin corrosion/irritation: Skin - rabbit - No skin irritation

Serious eye damage/eye irritation: Eyes - rabbit - No eye irritation

Respiratory or skin sensitisation: Maximisation Test - guinea pig - OECD Test Guideline 406 - Does not cause skin sensitisation.

Germ cell mutagenicity: Genotoxicity in vitro - Ames test - S. typhimurium - with and without metabolic activation - negative
Genotoxicity in vitro - in vitro assay - fibroblast - negative Mutation in mammalian somatic cells.

Genotoxicity in vivo - mouse - male and female - Intraperitoneal - negative

Carcinogenicity:
IARC: No 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: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.
NTP: No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.
OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

Reproductive toxicity: Fertility classification not possible from current data.

Teratogenicity: Damage to fetus not classifiable

Specific target organ toxicity - single exposure (Globally Harmonized System):
Causes damage to organs.

Specific target organ toxicity - repeated exposure (Globally Harmonized System):
The substance or mixture is not classified as specific target organ toxicant, repeated exposure.

Aspiration hazard: No aspiration toxicity classification

Potential health effects: Inhalation Toxic if inhaled. May cause respiratory tract irritation. Ingestion Toxic if swallowed. Skin Toxic if absorbed through skin. May cause skin irritation. Eyes May cause eye irritation.

Signs and Symptoms of Exposure: Methyl alcohol may be fatal or cause blindness if swallowed. Effects due to ingestion may include:, Headache, Dizziness, Drowsiness, metabolic acidosis, Coma, Seizures. Symptoms may be delayed., Damage of the:, Liver, Kidney

Synergistic effects: no data available

Additional Information:

RTECS: PC1400000

## 12 ECOLOGICAL INFORMATION

Data summary for the components are as follows:
Ecotoxicity:

Methanol cas#:(67-56-1) [70-75%]

Information on ecological effects

Toxicity:
Toxicity to fish mortality LC50 - Lepomis macrochirus (Bluegill) - 15,400.0 mg/l - 96 h.
NOEC - Oryzias latipes - 7,900 mg/l - 200 h
Toxicity to daphnia EC50 - Daphnia magna (Water flea) - > 10,000.00 mg/l - 48 h.
and other aquatic invertebrates

Toxicity to algae Growth inhibition EC50 - Scenedesmus capricornutum (fresh water algae) - 22,000.0 mg/l -:
96 h

Persistence and degradability: Biodegradability aerobic Result: 72 % - rapidly biodegradable

Bioaccumulative potential: Bioaccumulation Cyprinus carpio (Carp) - 72 d at 20 °C Bioconcentration factor (BCF): 1.0

Mobility in soil: Will not adsorb on soil.

PBT and vPvB assessment: Results of PBT This substance is not considered to be persistent, bioaccumulating nor toxic (PBT)., This assessment substance is not considered to be very persistent nor very bioaccumulating (vPvB).

Other adverse effects: Biochemical Oxygen 600 - 1,120 mg/g Demand (BOD)

Chemical Oxygen 1,420 mg/g Demand (COD)
Additional ecological Avoid release to the environment. information

## 13 DISPOSAL CONSIDERATIONS

This material must be disposed of in accordance with all local, state, provincial, and federal regulations.

## 14 TRANSPORT INFORMATION

Proper Shipping Name: NA 1993, Compounds, Cleaning Liquid, (Methanol), 3, PGII

## 15 REGULATORY INFORMATION

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[%] RQ (CAS#) Substance - Reg Codes
-----------------------------------------------------------------
[70-75%] RQ(5000LBS), Methanol (67-56-1) CERCLA, GADSL, HAP, MASS, NJHS, OSHAWAC, PA,
SARA313, TOXICRCRA, TSCA, TXAIR, TXHWL
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**WARNING** This product can expose you to chemicals including Methanol, which is known to the State of California to cause birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov.

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Regulatory Code Legend
-----------------------------------------------------------------
RQ = Reportable Quantity
CERCLA = Superfund clean up substance
GADSL = Global Automotive Declarable Substance List (GADSL)
HAP = Hazardous Air Pollutants
MASS = MA Massachusetts Hazardous Substances List
NJHS = NJ Right-to-Know Hazardous Substances
OSHAWAC = OSHA Workplace Air Contaminants
PA = PA Right-To-Know List of Hazardous Substances
SARA313 = SARA 313 Title III Toxic Chemicals
TOXICRCRA = RCRA Toxic Hazardous Wastes (U-List)
TSCA = Toxic Substances Control Act
TXAIR = TX Air Contaminants with Health Effects Screening Level
TXHWL = TX Hazardous Waste List
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## 16 OTHER INFORMATION

We believe the statements technical information and recommendations contained herein are reliable, but they are given without warranty or guarantee of any kind.
N/A = Not available N/D = Not determined