

Ice Stopper RTU

MSDS Number: V222C

Revision Date: 4/10/2015

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1 PRODUCT AND COMPANY IDENTIFICATION

Manufacturer

Distributed By: Wechem, Inc
5734 Susitna Dr
Harahan, LA 70123

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Product Name: Ice Stopper RTU
Revision Date: 4/10/2015
MSDS Number: V222C
Product Code: V222
Product Use: Windshield Washer Fluid Solvent & Cleaner

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

HAZARDS IDENTIFICATION

Route of Entry: Ingestion, skin absorption, inhalation, eye

Target Organs: NA

Inhalation: Extremely high levels cause stupor, headache, nausea, dizziness, and unconsciousness

Skin Contact: Essentially 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).

PERSONAL PROTECTION INDEX													
A				G									
B				H									
C				I									
D				J									
E				K									
F				X	Consult your supervisor or S.O.P. for "SPECIAL" handling directions								
A		n		o		p		q		r		s	
Safety Glasses													
Splash Goggles													
Face Shield & Eye Protection													
Gloves													
Boots													
Synthetic Fabric													
Full Suit													
Additional Information													
t		u		w		y		z					
Dust Respirator													
Vapor Respirator													
Dust & Vapor Respirator													
Full Face Respirator													
Airline Hood													

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GHS Signal Word:

DANGER

GHS Hazard Pictograms:



GHS Classifications:

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 Phrases:

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.

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COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients:

Cas #	Chemical Name	Perc.	OSHA PEL (ppm)	ACGIH TLV(ppm)	Carcin. Ref.
67-56-1	Methanol	20-30%	200	200	D

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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: 70-80 Deg. F.

Flash Point Method: NA

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 ignition. 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.

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EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Controls: Ventilation Requirement: Local exhaust to keep TLV below acceptable limits.
Personal Protective Equip: HMIS PP, B | Goggles, Gloves
Respiratory Protection: None below TLV.
Protective gloves: Neoprene or rubber
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.

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PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Clear blue liquid	Odor:	Alcohol
Physical State:	Liquid	Solubility:	Complete
Spec Grav./Density:	(H2O=1): @ 75 Deg. F: 0.867	Freezing/Melting Pt.:	Not available
Boiling Point:	Not determined	Flash Point:	60-70 Deg. F.
pH:	7 +/- 1	Vapor Density:	(Air=1): > 1
		VOC:	Not available

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STABILITY AND REACTIVITY

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

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TOXICOLOGICAL INFORMATION

Data summary for the components are as follows:

Acute

Methanol (CAS 67-56-1)

Dermal LD50 15800 mg/kg (Rabbit)

Inhalation LC50 85.41 mg/l, 4.5 h (Cat)

43.68 mg/l, 6 h (Cat)

64000 mg/l, 4 h (Rat)

87.5 mg/l, 6 h (Rat)

Oral LD50 8000 mg/kg (Dog)

2 g/kg (Monkey)

7300 mg/kg (Mouse)

14.4 g/kg (Rabbit)

5628 mg/kg (Rat)

Other LD50 3556 mg/kg (Guinea pig)

8555 mg/kg (Hamster)

3 g/kg (Monkey)

4100 mg/kg (Mouse)

1826 mg/kg (Rabbit)

2131 mg/kg (Rat)

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ECOLOGICAL INFORMATION

Data summary for the components are as follows:

Ecotoxicity:

Methanol (CAS 67-56-1)

Crustacea EC50 >10000 mg/l, 48 h Water Flea (Daphnia magna)

Fish LC50 100 mg/l, 96 h Fathead minnow (Pimephales promelas)

Bioaccumulation/ Accumulation

Bioaccumulative potential

Octanol/water partition coefficient log Kow

Methanol -0.77

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DISPOSAL CONSIDERATIONS

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

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TRANSPORT INFORMATION

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

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REGULATORY INFORMATION

COMPONENT / (CAS/PERC) / CODES

*Methanol (67561 70-75%) CERCLA, HAP, MASS, NJHS, OSHAWAC, PA, SARA313, TOXICRCRA, TSCA, TXAIR, TXHWL

REGULATORY KEY DESCRIPTIONS

CERCLA = Superfund clean up substance
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)
TXAIR = TX Air Contaminants with Health Effects Screening Level
TXHWL = TX Hazardous Waste List
TSCA = Toxic Substances Control Act

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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. ** Chemical listed as Carcinogen or Potential Carcinogen. [a] NTP [b] IARC Monograph [c] OSHA [d] Not listed [e] Animal data only
N/A = Not available N/D = Not determined