

Safety Data Sheet

91491 Invisible Glass® Washer Fluid Additive

Stoner

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1. IDENTIFICATION

Stoner Incorporated
1070 Robert Fulton Hwy.
Quarryville, PA 17566
1-800-227-5538

Product Name: Invisible Glass® Washer Fluid Additive
Product Code: 91491
Product Use: Washer Fluid Additive
24-hour emergency phone: 1-800-424-9300 [CHEMTREC]

2. HAZARD IDENTIFICATION

POTENTIAL HEALTH EFFECTS

Classification of the chemical in accordance with paragraph (d) of §1910.1200;

GHS Hazard
Symbols



GHS Classification

Skin Corrosion/Irritation Category 2
Serious Eye Damage/Eye Irritation Category 2A
Carcinogenicity Category 2
Reproductive Toxicity Category 2
Specific Target Organ Systemic Toxicity (STOT) - Single Exposure Category 2
Flammable Liquid Category 3
Acute Toxicity - Inhalation Vapour Category 4

Signal Word

Warning

Hazard Statements

Flammable liquid and vapour.
Causes skin irritation.
Causes serious eye irritation.
Harmful if inhaled.
Suspected of causing cancer.
Suspected of damaging fertility or the unborn child.
May cause damage to organs.

Precautionary Statements

Prevention

Obtain special instructions before use.
Do not handle until all safety precautions have been read and understood.
Keep away from heat/sparks/open flames/hot surfaces. – No smoking.
Keep container tightly closed.
Ground/bond container and receiving equipment.
Use explosion-proof electrical/ventilating/lighting/.../ equipment.
Use only non-sparking tools.
Take precautionary measures against static discharge.
Do not breathe dust/fume/gas/mist/vapours/spray.
Avoid breathing dust/fume/gas/mist/vapours/spray.
Wash thoroughly after handling.
Do not eat, drink or smoke when using this product.
Use only outdoors or in a well-ventilated area.
Wear protective gloves/protective clothing/eye protection/face protection.
Use personal protective equipment as required.

Response

IF ON SKIN: Wash with plenty of soap and water.
IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.
IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
IF exposed or concerned: Get medical advice/attention.
IF exposed or if you feel unwell: Call a POISON CENTER or doctor/physician.
Call a POISON CENTER or doctor/physician if you feel unwell.
Specific treatment (see ... on this label).
If skin irritation occurs: Get medical advice/attention.
If eye irritation persists: Get medical advice/attention.
Take off contaminated clothing and wash before reuse.

In case of fire: Use ... to extinguish.

Storage

Keep container tightly closed.
Store in a well-ventilated place. Keep cool.
Store locked up.

Disposal

Dispose of contents/container in accordance with local/regional/national/international regulation for hazardous wastes.

3. COMPOSITION/INFORMATION ON INGREDIENTS

COMPONENT	CAS #	Percent
Water	7732-18-5	60 - 80
Alcohol	67-63-0	1-20
Isopropanol		
Glycol ether	111-76-2	1-20
Methanol	67-56-1	1-20
Rain repelling additive	MIXTURE	1-20

HMIS® III* HAZARDOUS WARNINGS:

Health: 2	Flammability: 2	Physical: 0	Personal Protective Equipment:	See Section 8
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* See www.paint.org/hmis or call the NPCA at 1 (202) 462-6272 for more information on this current rating system.

4. FIRST AID MEASURES

Eyes:	Immediately flush eyes gently with plenty of water for at least 15 minutes while holding eyelids apart. If symptoms persist or there is visual difficulty, seek medical attention.
Skin Contact:	In case of contact, immediately wash contaminated area with plenty of water for at least 15 minutes. Seek medical attention if symptoms persist. Wash clothing before reuse.
Ingestion:	Do not induce vomiting. Aspiration into the lungs can cause serious damage. Contact a physician, medical facility, or poison control center immediately. If vomiting occurs spontaneously, keep head below hips to prevent aspiration of liquid into lungs.
Inhalation:	Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Keep the victim warm and quiet. Seek immediate medical attention.

NOTES TO PHYSICIAN:

This material is an aspiration hazard. Potential danger from aspiration must be weighed against possible oral toxicity when deciding whether to induce vomiting. This material (or its components) contains methanol, which can cause intoxication and central nervous system depression. Methanol is metabolized to formic acid and formaldehyde. These metabolites can cause metabolic acidosis, visual disturbances and blindness. Since metabolism is required for these toxic systems, their onset may be delayed from 6-30 hours following ingestion. Ethanol competes for the same metabolic pathway and has been used to prevent methanol metabolism. Ethanol administration is indicated in symptomatic patients or at blood methanol concentrations above 20 ug/dl. Methanol is effectively removed by hemodialysis. TREATMENT: Fomepizole (4-methylpyrazole) is an effective antagonist of alcohol dehydrogenase, and as such, may be used as an antidote in the treatment of ethylene glycol, diethylene glycol and methanol poisoning. Preexisting disorders of the following organs (or organ systems) may be aggravated by exposure to this material: skin; lung (for example, asthma-like conditions); kidney; liver;

5. FIRE FIGHTING MEASURES

Fire and/or Explosion Hazards:	This product contains a component(s) that is considered a flammable liquid, which has vapors that are heavier than air and may travel along the ground or be moved by ventilation and ignited by heat, pilot lights, or other flames and ignition sources at locations distant from the material's handling point. Water may be ineffective for extinguishment unless used under favorable conditions by experienced fire fighters.
Fire Fighting Instructions:	Use water spray, foam, dry chemical, or CO2. Water is generally not effective and may spread fire; however, water spray may be used from a safe distance to cool closed containers and protect surrounding area. Fire fighters should wear normal protective equipment and positive-pressure self-contained breathing apparatus.

6. ACCIDENTAL RELEASE MEASURES

STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED:

Remove all sources of ignition. Wear appropriate personal protective equipment (PPE). Stop or reduce discharge if it can be done safely. Ventilate contaminated area. Avoid run-off into storm sewers and ditches which may lead to natural waterways. If runoff occurs, notify authorities as required. Clean up with absorbent material. Place absorbent materials into container and close it tightly. Dispose of container properly.

7. HANDLING AND STORAGE

Handling: Do not use near ignition sources. Use with adequate ventilation. If ventilation is not sufficient, wear proper respiratory equipment. Avoid prolonged or repeated contact with skin. Avoid prolonged or repeated breathing of vapor. Do not store containers in excessive heat or direct sunlight. Protect container against physical damage. Avoid prolonged or repeated contact with skin. Do not use near ignition sources. Avoid prolonged or repeated breathing of vapor. Wear proper protective equipment. Wash hands thoroughly after handling.

Storage: Keep container tightly closed when not in use. Empty container may contain residues which are hazardous. Store in a cool, dry, well ventilated area away from all sources of ignition. Store away from oxygen cylinders or other oxidizing materials and possible ignition sources.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering Controls: Ventilation should be adequate to prevent exposures above the limits indicated below in this section of the MSDS (from known, suspected or apparent adverse effects). Local exhaust should be used in areas where exposure limits may be exceeded.

Eye Protection: Wear chemically resistant safety glasses with side shields when handling this product. Wear additional eye protection such as chemical splash goggles and/or face shield when the possibility exists for eye contact with splashing or spraying liquid or airborne material. Do not wear contact lenses. Have an eye wash station available.

Skin Protection: The use of chemically resistant gloves is recommended if there is any possibility of prolonged or repeated liquid contact with skin.

Respiratory Protection: A supplied air respirator should be used if ventilation is not sufficient to maintain exposure limits. Use NIOSH approved respirator where there is likelihood of inhalation of the product mist, spray or aerosol. If respiratory irritation develops below the recommended exposure limits, use an NIOSH approved nuisance dust/mist/organic vapor respirator.

<u>COMPONENT</u>	<u>CAS #</u>	<u>ACGIH TLV</u>	<u>OSHA PEL</u>	<u>OTHER</u>
Water	7732-18-5	Not established	Not established	Not established
Alcohol Isopropanol	67-63-0	400 ppm	Not established	500 ppm STEL
Glycol ether	111-76-2	20 ppm [skin]	Not established	Not established
Methanol	67-56-1	200 ppm TWA	200 ppm TWA	250 ppm STEL
Rain repelling additive	MIXTURE	25ppm	Not established	Not established

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State:	Bulk liquid	Lower Flammability Limit (%):	1.1
Appearance:	Clear Colorless	Upper Flammability Limit (%):	12
Odor:	Alcohol	Vapor Pressure (PSIG @ 70°F):	.36
Odor Threshold:	Mild	Vapor Density [air = 1]:	1.60
pH:	Not applicable	Relative Density (H2O=1):	0.99
Melting/Freezing Point (°F):	-103	Solubility in Water:	Complete; 100%
Boiling Point (°F):	180	Partial Coefficient: n-octanol/water:	No data available
Flash Point (°F PMCC):	89.6	Autoignition Temperature (°F):	460
Evaporation Rate:	0.5-2 (n-Butyl acetate = 1)	Decomposition Temperature (°F):	No data available
Flammability (solid, gas):	No data available	Viscosity, dynamic (cSt):	No data available
Percent VOCs (%):	20 - 40		

10. STABILITY AND REACTION

Chemical Stability: Stable.

Conditions to Avoid: Avoid contact with: Ignition sources such as open flames, sparks, static discharges or glowing metal surfaces. Acetaldehyde. Acids. Chlorine. Ethylene oxide. Isocyanates. Strong oxidizing agents. Strong alkalis. Hypochlorites. Chemically active metals: calcium, powdered aluminum, zinc, sodium, potassium, magnesium, etc. Strong acids. Strong bases. Zinc. Peroxides.

Decomposition Products: Burning can produce the following combustion products: Carbon dioxide and carbon monoxide. Silicon dioxide. Formaldehyde.

11. TOXICOLOGICAL INFORMATION

Dermal Toxicity: Not irritating to skin.

Inhalation Toxicity: High concentrations may cause central nervous system depression resulting in headaches, dizziness and nausea; continued inhalation may result in unconsciousness and/or death.

Reproductive & Developmental Toxicity: No data available.

Ingredient	CAS #	Toxicological Data
Alcohol	67-63-0	Dermal LD50 Rabbit > 12800 mg/kg Oral LD50 Rat = 5000 mg/kg
Isopropanol		Inhalation LC50 (4h) Rat > 40 mg/L
Glycol ether	111-76-2	Dermal LD50 Mouse > 3500 mg/kg Oral LD50 Rat = 2000 mg/kg
Methanol	67-56-1	Inhalation LC50 (6h) Rat > 3 mg/L Dermal LD50 Rabbit = 300 mg/kg Oral LD50 Rat = 100 mg/kg
Rain repelling additive	MIXTURE	Inhalation LC50 Rat = 5 mg/L Dermal LD50 Rabbit = 7892 mg/kg Oral LD50 Rat = 3700 mg/kg

12. ECOLOGICAL INFORMATION

Ecological Toxicity: No data available
 Mobility: No data available This material (or one of its components), dissolves in water. If it enters the soil, it will be highly mobile and may contaminate ground water.

Ingredient	CAS #	Toxicological Data
Dimethyl carbinol	67-63-0	Aquatic LC50 (96h) MINNOW = 9640 mg/L 24HR EC50 Daphnia > 10000 mg/L
Glycol ether	111-76-2	Aquatic LC50 (96h) MINNOW = 72860 mg/L Aquatic LC50 (48h) Daphnia > 100 mg/L
Methanol	67-56-1	Aquatic LC50 (96h) Algae 6500 - 13000 mg/L Aquatic LC50 (96h) B1 gill 15400 mg/L 48HR EC50 Daphnia > 10000 mg/L Aquatic LC50 (96h) Algae 22000 mg/L

13. DISPOSAL CONSIDERATIONS

Disposal : Dispose according to Federal, State and local regulations.

14. TRANSPORTATION INFORMATION

Agency	UN Number	Proper Shipping name	Hazard Class	Packing Group
DOT	UN1993	Flammable Liquids, n.o.s.(contains ISOPROPANOL)	3	II
IATA	UN1993	Flammable Liquids, n.o.s.(contains ISOPROPANOL)	3	II
IMDG	UN1993	Flammable Liquids, n.o.s.(contains ISOPROPANOL)	3	II

15. REGULATORY INFORMATION

Warning: This product contains the following chemicals that are subject to reporting requirements for the following regulatory bodies listed below:

COMPONENT	CAS #	% BY WEIGHT	Regulatory Body
Methanol	67-56-1	1-20	SARA Section 313

Warning: This product may contain chemicals known to the State of California to cause cancer. See list below.
 No components listed in this section. Prop65 Cancer

Warning: This product may contain chemicals known to the State of California to cause birth defects. See list below.
 Methanol 67-56-1 1-20 Prop65 Birth Defects

All components of this product are listed on the TSCA inventory.

16. OTHER INFORMATION

Other Information : MSDS Prepared by L. Dean Swartz, MSDS Coordinator

Version Date: 08/05/15

This information contained in this MSDS is believed to be accurate as of the version date, but is not warranted to be. Since the use of this information and the conditions of use of this product are not within the control of Stoner Inc, it is the user's obligation to determine the conditions of safe use.