



Safety Data Sheet
May be used to comply with OSHA's Hazard
Communication Standard (HCS), 29 CFR 1910, 1200.
Standard must be consulted for specific requirements.

SUPER SOLVE

SECTION I: IDENTIFICATION

EZCHEM, Inc.
92 Don Westbrook Ave. N
Jasper, GA 30143

Emergency Telephone Number: 1-800-535-5053
Telephone Number for Information: 706-253-5055

Product Name: **Super Solve**
Product Use: Concrete Sealer

SECTION II: HAZARD IDENTIFICATION

Signal Word: DANGER

Hazard Classification:

Flammable Liquids, Category 2
STOT SE, Category 3

Hazard Statements:

H225 - Highly flammable liquid and vapor.
H336 - May cause drowsiness or dizziness.

Precautionary Statements:

P210 - Keep away from heat/sparks/open flames/hot surfaces. - No smoking.
P233 - Keep container tightly closed.
P240 - Ground/bond container and receiving equipment.
P241 - Use explosion-proof electrical/ventilating/lighting/equipment.
P242 - Use only non-sparking tools.
P243 - Take precautionary measures against static discharge.
P261 - Avoid breathing mist, vapors, or spray.
P271 - Use only outdoors or in a well-ventilated area.
P280 - Wear protective gloves/protective clothing/eye protection.
P303+P361+353 - IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.
P304+P340 - IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P312 - Call a poison center/doctor if you feel unwell.
P370+P378 - IN CASE OF FIRE: Use foam, powder, or carbon dioxide for extinction.
P403+P235 - Store in a well-ventilated place. Keep cool.
P405 - Store locked up.
P501 - dispose of contents/container in accordance with local/regional/national/international regulations.

Other hazards:

There are no other hazards not otherwise classified that have been identified.

Hazard Pictograms:





SECTION III: HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

Hazardous Components:	CAS No.	Percentage %
Dimethyl Carbonate	616-38-6	40-80%
1-methoxy -2-propanol	107-98-2	20-30%

SECTION IV – FIRST AID MEASURES

Description of first aid measures:

After inhalation: Supply fresh air; consult doctor in case of complaints.

After skin contact: Immediately wash with water, soap, and rinse thoroughly. If skin irritation is experienced, consult a doctor.

After eye contact: Remove contact lenses if worn. Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.

After ingestion: Rinse out mouth and then drink plenty of water. Do not induce vomiting.

Get Immediate Medical Help.

Most important symptoms and effects, both acute and delayed:

Nausea in case of ingestion. Gastric or intestinal disorders when ingested. Dizziness. Coughing.

Indication of any immediate medical attention and special treatment needed: Treat symptomatically.

SECTION V – FIRE AND EXPLOSION HAZARD DATA

Suitable Extinguishing Media: Carbon dioxide, foam, fire-extinguishing powder, water fog/haze.

Unsuitable Extinguishing Media: Water stream

Special Hazards Arising from the Substance or Mixture: Formation of toxic gases is possible during heating or in case of fire.

Advice for firefighters:

Protective equipment: Wear self-contained respiratory protective device. Wear fully protective suit.

Additional information: Cool endangered containers with water fog.

SECTION VI – ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures: Ensure adequate ventilation. Use personal protective equipment as required. Keep away from ignition sources.

Environmental precautions: Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

Methods and material for containment and cleaning up: Absorb with non-combustible liquid-binding material (sand, diatomite, acid binders, universal binders). Send for recovery or disposal in suitable receptacles.

References to other sections:

See section 7 for information on safe handling.

See section 8 for information on personal protection equipment.

See section 13 for disposal information.



SECTION VII – PRECAUTIONS FOR SAFE HANDLING AND STORAGE

Handling

Precautions for safe handling: Open and handle receptacle with care. Use only in well ventilated areas. Avoid breathing mist, vapors, or spray. Keep out of reach of children.

Information about protection against explosions and fires: Highly flammable liquid and vapor. Flammable gas-air mixtures may be formed in empty containers/receptacles.

Conditions for safe storage, including any incompatibilities

Requirements to be met by storerooms and receptacles: Store in cool, dry conditions in well sealed receptacles. Avoid storage near extreme heat, ignition sources or open flame.

Information about storage in one common storage facility: Store away from foodstuffs. Store away from oxidizing agents.

Specific end use(s): No relevant information available.

SECTION VIII – EXPOSURE CONTROL MEASURES

Exposure controls

General protective and hygienic measures: The usual precautionary measures for handling chemicals should be followed. Keep away from foodstuffs, beverages and feed. Avoid breathing mist, vapors, or spray. Avoid contact with the eyes. Avoid close or long term contact with the skin. Wash hands before breaks and at the end of work.

Engineering Controls: No relevant information available.

Breathing Equipment: Not required under normal conditions of use. Use suitable respiratory device when aerosol or mist is formed. For spills, respiratory protection may be advisable.



Protection of Hands: Protective Gloves. The glove material has to be impermeable and resistant to the product/the substance/the preparation.

Eye protection: Safety Glasses/Goggles

Skin and Body: Protective work clothing.

Limitation and supervision of exposure into the environment: No relevant information available.

Risk management measures: No relevant information available.



Safety Data Sheet
May be used to comply with OSHA's Hazard
Communication Standard (HCS), 29 CFR 1910, 1200.
Standard must be consulted for specific requirements.

SECTION IX – PHYSICAL/CHEMICAL CHARACTERISTICS

Appearance	Form: Liquid Color: Clear Odor: Slight	Oxidizing properties:	Non-oxidizing
pH-value:	Not determined	Vapor pressure at 20°C (68°F):	1.5-7.6 kPa
Melting Point/Melting Range:	Not determined	Density:	
Boiling Point/Boiling Range:	90-120°C (194-248°F)	Relative density:	0.9-1.1
Flash Point:	18-35°C (64.4-95°F)	Vapor density:	3.1
Flammability:	NA	Evaporation rate:	Not determined
Auto-ignition temperature:	>137°C (>278.6°F)	Solubility in / Miscibility with water:	Partly miscible
Decomposition Temperature:	Not determined	Partition coefficient:	Not determined
Danger of explosion:	Product is not explosive. However, formation of explosive air/vapor mixtures are possible.	Viscosity	
		Dynamic:	Not determined
		Kinetic:	Not determined
		Other information:	No relevant info available
Explosion limits			
Lower:	3 Vol %		
Upper:	13 Vol %		

SECTION X – REACTIVITY DATA

Conditions to be avoided: Excessive heat.

Incompatible materials: Oxidizers.

Hazardous Decomposition Products: Carbon monoxide and carbon dioxide.

Reactivity: No relevant information available.

Chemical Stability:

Possibility of Hazardous Reactions: Highly flammable liquid and vapor. Reacts with oxidizing agents.

Thermal decomposition/conditions to be avoided: No decomposition if used and stored according to specifications. Avoid open flame, ignition sources, contact with incompatible substances.



SECTION XI – TOXICOLOGICAL INFORMATION

Information on toxicological effects

Acute toxicity: Based on available data, the classification criteria are not met.

LD/LC50 values that are relevant for classification: None.

Primary irritant effect:

On the skin: Based on available data, the classification criteria are not met.

On the eye: Based on available data, the classification criteria are not met.

Sensitization: Based on available data, the classification criteria are not met.

IARC (International Agency for Research on Cancer): None of the ingredients are listed.

NTP (National Toxicology Program): None of the ingredients are listed.

OSHA-Ca (Occupational Safety & Health administration): None of the ingredients are listed.

Probable route(s) of exposure: Ingestion. Inhalation. Eye contact. Skin contact.

Germ cell mutagenicity: Based on available data, the classification criteria are not met.

Carcinogenicity: Based on available data, the classification criteria are not met.

Reproductive toxicity: Based on available data, the classification criteria are not met.

STOT-single exposure: May cause drowsiness or dizziness.

STOT-repeated exposure: Based on available data, the classification criteria are not met.

Aspiration hazard: Based on available data, the classification criteria are not met.

SECTION XII - ECOLOGICAL INFORMATION

Toxicity

Aquatic toxicity: No relevant information available.

Persistence and Degradability: No relevant information available.

Bioaccumulative Potential: No relevant information available.

Mobility in Soil: No relevant information available.

Additional ecological information

General notes: Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

Results of PBT and vPvB assessment

PBT: NA **vPvB:** NA

Other adverse effects: No relevant information available.

SECTION XIII - DISPOSAL CONSIDERATIONS

Recommendation: [] Zj hZgd[i] h b ViZgVa] Vhi] Z gZhedchWan id Y h d h' d[j c j hZY'b ViZgVa gZhYj Zh VcY'Xdc iVcZg h' c' Xdb eaVcXZ'I ↑] V aigZzkVci dXVa h ViZ VcY'[ZYZgVaM hVcY'gZj d i dchigZVgY c\ igZVb Zci! h idgVZ! VcY'Y h d hVa[dg] VoVgYdj h'VcY'cdc"] VoVgYdj h i V i Zh#

Uncleaned packaging

Recommendation: Disposal must be made according to official regulations.

Recommended cleansing agent: Water, if necessary with cleansing agents.