

SAFETY DATA SHEET

LIQUID ACTIVATOR

FILE NO.:

DATE: 09/05/2024

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Absolute Concrete Products Activating Liquid
SYNONYMS: Liquid Activator 100, Liquid Activator 500
PRODUCT CODES: OLACAC

MANUFACTURER: Absolute Concrete Products
DIVISION:
ADDRESS: 144 S. Main St. Union, OR 97883

EMERGENCY PHONE: 1-800-535-5053 (24 Hour)
INFOTRAC PHONE: +1-352-323-3500 or 1-800-535-5053
OTHER CALLS: (541) 562-2000

SECTION 2: HAZARDS IDENTIFICATION

POTENTIAL HEALTH EFFECTS

EYES:

May cause irritation.

INHALATION:

May aggravate pre-existing lung problems.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

<u>INGREDIENT</u>	<u>CAS NO.</u>	<u>CONCENTRATION</u>
Acrylic Polymer	Not Hazardous	22-48%
Residual Monomers	Not Hazardous	<500 ppm
Aqueous Ammonia	1336-21-6	<= 0.2%
Water	7732-18-5	52-78%

OSHA PEL Not Established
ACGIH Not Established

SECTION 3 NOTES:

SECTION 4: FIRST AID MEASURES

EYES:

Flush with clean water for 15 minutes or as long as necessary. Call a physician if redness or irritation persists.

SKIN:

Rinse from skin.

INGESTION:

Do not induce vomiting. Drink 1 or 2 glasses of water. Call a physician.

INHALATION:

Move to fresh air.

SECTION 4 NOTES:

Material can spatter above 100C, 212F, dried product can burn.

SECTION 5: FIRE-FIGHTING MEASURES

FLAMMABLE LIMITS IN AIR:

Not Established. Not flammable.

FLASH POINT:

C: Greater than 100C (Noncombustible)

EXTINGUISHING MEDIA:

Use extinguishing media suitable for surrounding fire.
H2O Spray, CO2, Dry Chemical, Foam

SPECIAL FIRE FIGHTING PROCEDURES:

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Wear Protective clothing, self contained breathing apparatus

UNUSUAL FIRE AND EXPLOSION HAZARDS:

None noted

HAZARDOUS DECOMPOSITION PRODUCTS:

Thermal decomposition may yield acrylic monomers.

SECTION 6: ACCIDENTAL RELEASE MEASURES

ACCIDENTAL RELEASE MEASURES:

Do not allow run-off to enter storm drains, sewers, or waterways.

Flush spilled material into suitable retaining area or container with large amounts of water.

Contain spill with inert material such as sand or absorbent product.

Dispose of product in accordance with local, state, and federal regulations.

SECTION 6 NOTES:

SECTION 7: HANDLING AND STORAGE

HANDLING AND STORAGE:

Avoid contact with eyes, skin and clothing. Wash thoroughly after handling.

Keep container tightly closed. Do not breathe vapors, mist or gas.

Keep from freezing. Mix before using.

Store in a cool dry place, out of reach of children.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

ENGINEERING CONTROLS:

Facility should have an eyewash station.

VENTILATION:

Local exhaust recommended

Use adequate ventilation.

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RESPIRATORY PROTECTION:

Use adequate ventilation. Use moisture resistant gloves. Protective glasses or goggles are recommended. For concentrations exceeding the PEL and STEL use a NIOSH approved respirator approved for use with ammonia/methylamine cartridges and N95 filters.

EYE PROTECTION:

Use safety glasses or face shield

SKIN PROTECTION:

Use non-permeable gloves, latex or rubber
Wear long sleeves, long pants, solid toe shoes. Wash clothing before reuse.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT:

Clean surge or flow of water in work area for eyes and skin if needed.

WORK HYGIENIC PRACTICES:

Wash thoroughly before eating or smoking; daily shower and change of clothing.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE:

Milky white

ODOR:

Ammonia odor

PHYSICAL STATE:

Liquid

pH AS SUPPLIED: 9.5 – 10.0

BOILING POINT: Greater than 100 C

MELTING POINT:

F: 32

C: 0

FREEZING POINT:

F: 32

C: 0

VAPOR PRESSURE (mmHg): Greater than 760

RELATIVE VAPOR DENSITY (AIR = 1): < 1.0 water

SPECIFIC GRAVITY (H₂O = 1): 1.03

SOLUBILITY IN WATER: Soluble

PERCENT SOLIDS BY WEIGHT:

PERCENT VOLATILE: 52-78%

VISCOSITY: 50 mPa's

FLASH POINT: Noncombustible

LOWER EXPLOSION LIMIT: Not applicable

UPPER EXPLOSION LIMIT: Not applicable

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SECTION 10: STABILITY AND REACTIVITY

STABILITY:

Stable

HAZARDOUS REACTIONS:

None known

INCOMPATIBILITY (MATERIAL TO AVOID):

No known incompatibilities

HAZARDOUS DECOMPOSITION OR BY-PRODUCTS:

HAZARDOUS POLYMERIZATION:

Will not occur

CONDITIONS TO AVOID (POLYMERIZATION):

Product will not undergo polymerization

SECTION 11: TOXICOLOGICAL INFORMATION

TOXICOLOGICAL INFORMATION:

Regulation	Type of Listing	Value
East West General	TWA	25ppm
East West General	STEL	35ppm
ACGIH	TWA	17 mg / m ³ 25 ppm
ACGIH	STEL	24 mg / m ³ 35 ppm
OSHA / TRANS	PEL	35 mg / m ³ 50 ppm

SECTION 11 NOTES:

No data available for this material. The information shown is based on profiles of compositionally similar materials.

Acute oral toxicity:	LD50 rat > 5000 mg / kg
Acute dermal toxicity	LD50 rabbit > 5000 mg / kg
Skin irritation, rabbit	May cause transient irritation
Eye irritation, rabbit	No eye irritation

SECTION 12: ECOLOGICAL INFORMATION

ECOLOGICAL INFORMATION:

Not data available. Keep out of all waterways.

SECTION 13: DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD:

RCRA HAZARD CLASS:

This product does not meet RCRA's definition of ignitability, corrosivity, or reactivity, and is not listed in 40CFR 261.33. The toxicity characteristics (TC), however, have not been evaluated by the Toxicity Characteristic Leaching Procedure (TCLP). Coagulate the emulsion by the stepwise addition of ferric chloride and lime. Incinerate or landfill at a permitted facility in accordance with local, state, and federal regulations.

SECTION 13 NOTES:

Keep runoff and washing runoff out of storm sewers, municipal sewers, and open bodies of water.

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SECTION 14: TRANSPORT INFORMATION

SECTION 14 NOTES:

No information

SECTION 15: REGULATORY INFORMATION

STATE REGULATIONS:

This product may contain trace amounts of chemicals known to the State of California to cause cancer or other reproductive harm. In the absence of definitive testing to the contrary, this notice is given.

SECTION 16: OTHER INFORMATION

DISCLAIMER:

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.