

MSDS Material Safety Data Sheet

ATLAS

MSDS Number: 2114

ATLAS QUANTUM CURE

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Revision Date: 1/28/2011

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PRODUCT AND COMPANY IDENTIFICATION

Manufacturer

ATLAS TECH PRODUCTS

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Emergency Contacts & Phone

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Product Name: Atlas Quantum Cure
Revision Date: 1/28/2011
MSDS Number: 2114
Product Code: Atlas Quantum Cure
Product Use: Concrete Curing Compound

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COMPOSITION/INFORMATION ON INGREDIENTS

Chemical characterization

Description: Non-hazardous aqueous solution, no warnings, no UN or NA number. None of the compounds are considered Hazardous Material by OSHA (29 CFR 1010.1200 Hazardous Communication (d) 4) or DOT.

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HAZARDS IDENTIFICATION

Classification system:



NFPA ratings (scale 0-4)

Health = 1
Fire = 0
Reactivity = 0

HMIS II ratings (scale 0-4)

Health = 1
Fire = 0
Reactivity = 0

HMIS III ratings (scale 0-4)

Health = 1
Fire = 0
Physical Hazard = 0

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FIRST AID MEASURES

After inhalation: If respiratory irritation occurs, go to fresh air. Flood work area with fresh air. If irritation continues seek medical attention.

After skin contact: Remove contaminated clothing and shoes. Wash affected area(s) with soap and water. If irritation persists, consult a physician. SOLVENTS SHOULD NOT BE USED because they carry the irritant into the skin.

After eye contact: Flush eyes with plenty of water for at least 15 minutes. If necessary, gently hold open during the flush. Immediately seek medical attention.

After swallowing: Obtain immediate medical attention. Do not induce vomiting. Should vomiting occur, be sure to keep victim's head below hips to avoid aspiration of vomitus into the lungs. Do not attempt to give liquid to an unconscious person.

Signs of overexposure: Headache, drowsiness, respiratory and skin irritation, nausea and numbness.

5 FIRE FIGHTING MEASURES

Flash Point: Not applicable
Flammability Classification: Non flammable

Special Fire Fighting Procedures: None.

This material is water based. Use water spray to protect fire-fighters. If water is to be used, use a fog nozzle to cool closed containers. Avoid spraying directly into open containers to prevent boilover.

6 ACCIDENTAL RELEASE MEASURES

Small spills: Absorb with inert material (sand, vermiculite, etc.). Sweep or scoop up into disposal containers. Flush area with water (prevent from entering waterways).

Large spills: Containment: For large spills, dike far ahead of liquid spill for later disposal. Do not release into sewers or waterways.

Clean up: Absorb with inert material (sand, vermiculite, etc.). Sweep or scoop up into disposal containers. Flush area immediately with water (prevent from entering waterways).

Regulatory Requirements: Follow applicable OSHA regulations (29 CFR 1910.120)

Dissolve in large amounts of water and add soda ash. Neutralize with 6M-HCL. After neutralization, product can be disposed of by normal means (landfill). Flush with plenty of water.

7 HANDLING AND STORAGE**Handling:**

Information for safe handling: For professional use only. Avoid eye/skin contact. Wash after using and before eating or drinking. Use as directed.

Storage: Store in a cool/dry location. Do not allow material to freeze, as product may be damaged.

8 EXPOSURE CONTROLS/PERSONAL PROTECTION

General protective and hygienic measures: HMIS PP, B: Goggles, Gloves

Ventilation: Provide general or local exhaust systems to maintain clean air. Local exhaust ventilation is preferred because it prevents contaminant dispersion into work areas by controlling it at its source.

Respiratory Protection: Typically not required. Seek professional advice prior to respirator selection and use. Follow OSHA respirator regulations (29 CFR 1910.134) and, if necessary, wear NIOSH/OSHA approved respirator based on its suitability to provide adequate worker protection for given working conditions, level of airborne contamination, and presence of sufficient oxygen.

Protective Clothing/Equipment: Wear chemically protective gloves and goggles per OSHA eye and face protection regulations (29 CFR 1910.133).

Contaminated Equipment: Separate contaminated work clothes from street clothes. Launder before reuse. Remove this material from your work shoes and clean personal protective equipment.

Other Precautions: Never eat, drink or smoke in work areas.

Exposure Guidelines/Other: This material is not listed by the International Agency for Research on Cancer, the National Toxicology Program, or the Occupational Safety and Health Administration.

9 PHYSICAL AND CHEMICAL PROPERTIES**General Information**

Form: Liquid
Color: Light Blue
Odor: Odorless
pH: Not applicable

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Change in condition	
Freezing Point:	32°F
Boiling Point:	210°F
Vapor pressure at 100 °F	17 mm/Hg
Density at Air =1	0.6
Solubility:	100%
Specific Gravity/ Density(H2O=1)	1.4
VOC:	0 g/L
Percent Volatile:	0

10 STABILITY AND REACTIVITY

Stability:	Stable
Conditions to to be avoided:	None
Materials to avoid (incompatibility):	None known
Hazardous Decomposition products:	None
Hazardous Polymerization:	Hazardous polymerization will not occur.

11 TOXICOLOGICAL INFORMATION

No data available.

12 ECOLOGICAL INFORMATION

No data available.

13 DISPOSAL CONSIDERATIONS

When disposed of properly, this material does not meet RCRA classification for listing for hazardous waste. Never dispose of a liquid to a landfill. Spilled material should be stabilized or solidified prior to disposal. Once stabilized / solidified, the material may be disposed of through normal means. Certain localities and state laws have specific disposal requirements for non-hazardous industrial chemicals. Consult municipal authorities, landfill personnel, disposal companies for details prior to any disposal activity. Always follow Local, State and Federal regulations.

14 TRANSPORT INFORMATION

DOT Regulations :	Not Regulated
Shipping Class:	Class 55

15 REGULATORY INFORMATION

Not regulated.
HMIS Codes: Health (1) Flammability (0) Reactivity (0) PPE (B)

16 OTHER INFORMATION

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