

SECTION 1. IDENTIFICATION

GHS PRODUCT IDENTIFIER: Alchemco Clean & Repair Graffiti Remover

OTHER MEANS OF IDENTIFICATION: ACR Graffiti Remover

PRODUCT CODE: ACR-GR032
ACR-GR001
ACR-GR005

PRODUCT TYPE: Liquid Cleaner

IDENTIFIED USES: Cleaning Paint From Concrete and Masonry Surfaces

SUPPLIER / MANUFACTURER: Alchemco, A division of MBC North America, Inc
3532 Mayland Court, Henrico, VA 23233
800-610-2895

EMERGENCY TELEPHONE NUMBER WITH HOURS OF OPERATION 800-610-2895 24 hours

SECTION 2. HAZARDS IDENTIFICATION

OSHA/MCS STATUS: This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200) or the Canadian hazardous Production Act S.C. 198 C 30 (Part 1)

CLASSIFICATION OF THE SUBSTANCE OR MIXTURE:

GHS LABEL ELEMENTS

HAZARD PICTOGRAMS:

SIGNAL WORD:

HAZARD STATEMENTS: H302 - Harmful if swallowed.
H314 - Causes severe skin burns and eye damage.

PRECAUTIONARY STATEMENTS

PREVENTION:

RESPONSE:

STORAGE:

DISPOSAL:

HAZARDS NOT OTHERWISE CLASSIFIED (NHOC):

SECTION 3. COMPOSITION / INFORMATION ON INGREDIENTS

MATERIAL	CAS#	%

Graffiti Remover

Any concentration shown as a range is to protect confidentiality or is due to batch variation. There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section. Occupational exposure limits, if available, are listed in Section 8.

SECTION 4. FIRST AID MEASURES

DESCRIPTION OF NECESSARY FIRST AID MEASURES

EYE CONTACT: Severe eye irritant.

INHALATION: Slight inhalation hazard.

SKIN CONTACT: Slight skin absorption hazard, moderate skin irritant.

INGESTION: Slight Ingestion hazard.

MOST IMPORTANT SYMPTOMS, EFFECTS, ACUTE AND DELAYED POTENTIAL ACUTE HEALTH EFFECTS

EYE CONTACT: Severe eye irritant.

INHALATION: Slight inhalation hazard.

SKIN CONTACT: Slight skin absorption hazard, moderate skin irritant.

INGESTION: Slight Ingestion hazard.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:

Product has been shown to cause reproduction and fetotoxic effects in laboratory animals at high-doses. No health effects are expected from normal use of this product when used with the appropriate protective equipment. Prolonged or repeated contact may produce skin irritation.

OVER-EXPOSURE SIGNS/SYMPTOMS

EYE CONTACT: If symptoms develop, immediately move individual into fresh air. Flush eyes gently with water for at least 15 minutes while holding eyelids apart; seek medical attention.

INHALATION: If symptoms develop, move individual away from exposure and into fresh air. If symptoms persist, seek medical attention. If breathing is difficult, administer oxygen. Keep person warm and quiet; seek medical attention.

SKIN CONTACT: Remove contaminated clothing. Flush exposed area with large amounts of water. If skin is damaged, seek immediate medical attention. If skin is not damaged and symptoms persist, seek medical attention. Launder clothing before reuse.

INGESTION: Seek medical attention. If individual is drowsy or unconscious, don't give anything by mouth; for advice whether to induce vomiting, contact a physician. If possible, do not leave individual unattended.

INDICATION OF IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT NEEDED, IF NECESSARY

NOTES PHYSICIAN: This material is an aspiration hazard. Potential danger from aspiration must be weighed against possible and oral toxicity when deciding whether to induce vomiting. 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.

SPECIFIC TREATMENTS:

PROTECTION OF FIRST-AIDERS:

SECTION 5. FIRE-FIGHTING MEASURES

EXTINGUISHING MEDIA

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SUITABLE EXTINGUISHING MEDIA: Carbon Dioxide, Dry Chemical, Foam, Water Spray

UNSUITABLE EXTINGUISHING MEDIA:

UNUSUAL FIRE AND EXPLOSION HAZARDS: When heated above the flash point, releases flammable vapors. When mixed with air and exposed to igniting and flashing back vapor source. Rags or clothing soaked with the formulation may undergo spontaneous combustion if not handled properly.

HAZARDOUS THERMAL DECOMPOSITION PRODUCTS:

SPECIAL PROTECTIVE ACTIONS FOR FIRE-FIGHTERS: Do not enter area without proper protection. Heat may build enough pressure to rupture closed containers/spreading fire/increasing risk of burns/injuries. Use water for cooling. Avoid frothing/steam explosions. Burning liquid may float on water. Although water soluble, it may not be practical to extinguish fire by water dilution.

SPECIAL PROTECTIVE EQUIPMENT FOR FIRE-FIGHTERS: Wear appropriate respiratory protection and protective clothing as described in Section 8.

SECTION 6. ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES

FOR NON-EMERGENCY PERSONNEL:

FOR EMERGENCY RESPONDERS:

ENVIRONMENTAL PRECAUTIONS: In the event of an uncontrolled release of this material, the user should determine if the release is reportable under applicable laws and regulations.

METHODS AND MATERIALS FOR CONTAINMENT AND CLEAN UP

SMALL SPILL: Contain spilled material. Transfer to secure containers. Where necessary, collect using absorbent media. In the event of an uncontrolled release of this material, the user should determine if the release is reportable under applicable laws and regulations.

LARGE SPILL: Contain spilled material. Transfer to secure containers. Where necessary, collect using absorbent media. In the event of an uncontrolled release of this material, the user should determine if the release is reportable under applicable laws and regulations.

SECTION 7. HANDLING AND STORAGE

PRECAUTIONS FOR SAFE HANDLING

PROTECTIVE MEASURES: Handle in the presence of adequate ventilation.

ADVICE ON GENERAL OCCUPATIONAL HYGIENE:

CONDITIONS FOR SAFE STORAGE INCLUDING ANY INCOMPATIBILITIES:

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

CONTROL PARAMETERS

OCCUPATIONAL EXPOSURE LIMITS

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INGREDIENT NAME

EXPOSURE LIMITS

EXPOSURE CONTROLS

APPROPRIATE ENGINEERING CONTROLS:

INDIVIDUAL PROTECTION MEASURES PREVENTATIVE AND HYGIENE MEASURES:

No protective clothing anticipated.

INDIVIDUAL PROTECTION MEASURES EYE/FACE/RESPIRATORY PROTECTION:

Wear safety glasses meeting the specifications of ANSI standard Z87.1.

Respiratory Protection: Recommended exposure limits (i.e. OSHA-PEL and ACGIH-TLV) have not been established for the material. Whether there is a need for respiratory protection under your conditions of handling of this material should be evaluated by a qualified health specialist.

ENVIRONMENTAL EXPOSURE CONTROLS:

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: Pale yellow to light brown

PHYSICAL STATE: Viscous liquid, gel or paste

ODOR: Slight amine-like odor

ODOR THRESHOLD: NA

PH: NA

MELTING POINT: NA

FREEZING POINT: 11- 30°F

BOILING POINT: Over 345°F at 760mm/Hg pressure

FLASH POINT: 257°F (125°C) AOCSOC

EVAPORATION RATE: NA

FLAMMABILITY (SOLID,GAS): Flammable limits in air by % Vol Lower: Approximately 1.3
Flammable limits in air by % Vol Upper: Approximately 9 (based on NMP)

LOWER AND UPPER EXPLOSIVE: NA

VAPOR PRESSURE: .5 PSIG at 100°C

VAPOR DENSITY: NA

DENSITY (H₂O = 1): Approximately .87 to 1.03 at 77°F

SOLUBILITY: Negligible at room temperature

**PARTITION COEFFICIENT
N-OCTANOL/WATER:** NA

AUTO-IGNITION TEMPERATURE: NA

DECOMPOSITION TEMPERATURE: NA

VISCOSITY: NA

PERCENT SOLIDS BY WEIGHT: NA

VOLATILE ORGANIC COMPOUNDS (VOC): Less than 5% (method 24)

SECTION 10. STABILITY AND REACTIVITY

REACTIVITY:

CHEMICAL STABILITY: Generally stable.

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POSSIBILITY OF HAZARDOUS REACTIONS:

CONDITIONS TO AVOID: Heat, sparks, open flame, and other ignition sources.

INCOMPATIBLE MATERIALS: Strong oxidizing agents, strong reducing agents, strong alkalines, strong base, strong mineral acids

HAZARDOUS DECOMPOSITION PRODUCTS: Decomposition may produce oxides of carbon, nitrogen and various other hydrocarbons.

HAZARDOUS POLYMERIZATION: None likely.

SECTION 11. TOXICOLOGICAL INFORMATION

INFORMATION ON TOXICOLOGICAL EFFECTS

ACUTE TOXICITY

PRODUCT/INGREDIENT NAME	RESULT	SPECIES	DOSE	EXPOSURE

IRRITATION/CORROSION:

PRODUCT/INGREDIENT NAME	RESULT	SPECIES	SCORE	EXPOSURE	OBSERVATION

SENSITIZATION:

CARCINOGENICITY

CLASSIFICATION

PRODUCT/INGREDIENT NAME	OSHA	IARC	NTP	ACGIH	EPA	NIOSH

SPECIFIC TARGET ORGAN TOXICITY (SINGLE EXPOSURE):

SPECIFIC TARGET ORGAN TOXICITY (REPEATED EXPOSURE):

ASPIRATION HAZARD:

POTENTIAL ACUTE HEALTH EFFECTS

INFORMATION ON THE LIKELY ROUTES OF EXPOSURE:

EYE CONTACT: Severe eye irritant.

INHALATION: Slight inhalation hazard.

SKIN CONTACT: Slight skin absorption hazard, moderate skin irritant.

INGESTION: Slight ingestion hazard.

SYMPTOMS RELATED TO THE PHYSICAL, CHEMICAL AND TOXICOLOGICAL CHARACTERISTICS

EYE CONTACT:

INHALATION:

SKIN CONTACT:

INGESTION:

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DELAYED AND IMMEDIATE EFFECTS AND ALSO CHRONIC EFFECTS FROM SHORT AND LONGER TERM EXPOSURE

SHORT TERM EXPOSURE

POTENTIAL IMMEDIATE EFFECTS:

POTENTIAL DELAYED EFFECTS:

LONG TERM EXPOSURE

POTENTIAL IMMEDIATE EFFECTS:

POTENTIAL DELAYED EFFECTS:

POTENTIAL CHRONIC HEALTH EFFECTS

GENERAL:

CARCINOGENICITY:

MUTAGENICITY:

TERATOGENICITY:

DEVELOPMENTAL EFFECTS:

FERTILITY EFFECTS:

NUMERICAL MEASURES OF TOXICITY

ACUTE TOXICITY ESTIMATES

ROUTE	ATE VALUE
Oral Dermal Inhalation (vapors)	

SECTION 12. ECOLOGICAL INFORMATION

TOXICITY

PRODUCT/INGREDIENT NAME	RESULT	SPECIES	EXPOSURE

PERSISTENCE DEGRADABILITY:

BIOACCUMULATIVE POTENTIAL:

PRODUCT/INGREDIENT NAME	LogP _{ow}	BCF	POTENTIAL

MOBILITY IN SOIL

SOIL/WATER PARTITION COEFFICIENT (K_{oc}):

OTHER ADVERSE EFFECTS:

SECTION 13. DISPOSAL CONSIDERATIONS

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Avoid uncontrolled releases of this material. Where spills are possible, a comprehensive spill response plan should be developed and implemented.

DISPOSAL METHODS: All recovered material should be packaged, labeled, transported and disposed or reclaimed in conformance with applicable laws and regulations and in conformance with good engineering practices. Reclaim where possible.

SECTION 14. TRANSPORTATION INFORMATION

	DOT	IMDG	IATA
UN Number			
UN Proper Shipping Name			
Transport Hazard Class(es)			
Packing Group			
Environmental Hazards			
Additional Information			

AERG:

SPECIAL PRECAUTIONS FOR USER:

TRANSPORT IN BULK ACCORDING TO ANNEX II OF MARPOL 73/78 AND THE IBC CODE:

SECTION 15. REGULATORY INFORMATION

FEDERAL REGULATIONS

U.S. FEDERAL REGULATIONS:

CLEAN AIR ACT SECTION 112 (B)
HAZARDOUS AIR POLLUTANTS (HaPs):

CLEAN AIR ACT SECTION 602
CLASS I SUBSTANCES:

CLEAN AIR ACT SECTION 602
CLASS II SUBSTANCES:

DEA List I Chemicals (Precursor Chemicals):

SARA TITLE III:
(SUPERFUND AMENDMENTS
& REAUTHORIZATION ACT)

SARA 302/304:

PRODUCT/INGREDIENT NAME	%	EHS	SARA 302 TPQ		SARA 304 RQ	
			(lbs)	(gallons)	(lbs)	(gallons)

SARA 304 RQ:

SARA 311/312 HAZARD CATEGORIES:

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Name	%	Fire hazard	Sudden release of pressure	Reactive	Immediate (acute) health hazard	Delayed (chronic) health hazard

SARA 313 TOXIC CHEMICALS:

Product Name	CAS Number	%

SARA 313 notifications must not be detached from the SDS and any copying and redistribution of the SDS shall include copying and redistribution of the notice attached to copies of the SDS subsequently redistributed.

STATE REGULATIONS

MASSACHUSETTS:

NEW YORK:

NEW JERSEY:

PENNSYLVANIA:

CALIFORNIA PROP. 65

Name	Cancer	Reproductive	No significant risk level	Maximum acceptable dosage level

CANADIAN REGULATIONS

CEPA DSL:

WHMIS CLASSES:

SECTION 16. OTHER INFORMATION

HMIS HAZARD CLASSIFICATION

HMIS HAZARD CLASSIFICATION:

Health: 1
Fire: 2
Reactivity: 0
Specific: (none)

NATIONAL FIRE PROTECTION ASSOCIATION:
(USA)

NA

HISTORY

DATE OF ISSUE MM/DD/YYYY: 02/13/2019

VERSION: 1

PREPARED BY:

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KEY ABBREVIATIONS:

ATE = Acute Toxicity Estimate
BCF = Bio-Concentration Factor
GHS = Globally Harmonized System of Classification and Labeling of Chemicals
IATA = International Air Transport Association
IBC = Intermediate Bulk Container
IMDG = International Maritime Dangerous Goods
LogPow = logarithm of the octanol/water partition coefficient
MARPOL 73/78 = International Convention for the Prevention of Pollution From Ships,
1973 as modified by the Protocol of 1978. ("Marpol" = marine pollution)
UN = United Nations

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