

1FID: 00201197  
VER DATE: 1991-10-18

C H E M I S T R I      DATE: 10/22/02  
MATERIAL SAFETY DATA SHEET    TIME: 19:01:36  
PAGE: 0001

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SECTION 01: CHEMICAL PRODUCT & COMPANY ID  
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PRODUCT PRIMARY NAME: GOODWRENCH AIR CONDITIONING SYSTEM DISINFECTANT  
PART A

ALL SYNONYMS : ALCIDE A/CTION AIR CONDITIONER DISINFECTANT  
ALCIDE BRAND A/CTION AIR CONDITIONER DISENFECTANT PART A  
ALCIDE BRAND A/CTION AIR CONDITIONER DISINFECTANT PART A  
GOODWRENCH AIR CONDITIONING SYSTEM DISINFECTANT PART A  
HM 5873  
SA 3238  
25533404  
25533472  
25533473

MSDS SIGNED BY NAME: ROBERT D. KROSS  
MSDS SIGNED BY TITLE: VICE PRESIDENT/R & D

SAFE USE CATEGORY AND DESCRIPTION: 09 -CORROSIVES - CONCENTRATED ACID -  
pH < 4

LAST UPDATED DATE: 1992-06-11

MANUFACTURER'S ID (MID): 000538928  
MANUFACTURER'S NAME: ALCIDE CORP  
MANUFACTURER'S EMERGENCY PHONE NUMBER/TEXT: US 203-847-2555  
MANUFACTURER'S MAILING ADDRESS:  
ONE WILLARD ROAD  
NORWALK CT 06851  
US

CHEMICAL FAMILY NAME: ORGANIC ACID

MOLECULAR FORMULA: CH3CHOHCOOH

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SECTION 02: COMPOSITION & INGREDIENT INFO  
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CAS#	FORMULATION	W/V	CHEMICAL NAME
000050215	= 1.5200/	0.0000%	W LACTIC ACID
007732185	B 0.0000/	0.0000%	W WATER
989941239	< 0.0000/	2.0000%	W INACTIVE INGREDIENTS

THRESHOLD LIMIT VALUE: NONE

PERMISSIBLE EXPOSURE LIMIT: NONE

CERCLA (SUPERFUND) REPORTABLE QUANTITY (LBS): NOT APPLICABLE.

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SECTION 03: HAZARDS IDENTIFICATION  
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PRIMARY ENTRY ROUTE INDICATORS:

SKIN PRIMARY ENTRY ROUTE INDICATOR = N  
EYE PRIMARY ENTRY ROUTE INDICATOR = N  
INHALATION PRIMARY ENTRY ROUTE INDICATOR = N  
INGESTION PRIMARY ENTRY ROUTE INDICATOR = N  
PRIMARY ROUTES OF ENTRY TEXT: NONE

EFFECTS OF OVEREXPOSURE: NONE

SECTION 3 - OTHER INFORMATION: NONE

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SECTION 04: FIRST AID MEASURES

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EMERGENCY FIRST AID PROCEDURES - GENERAL: NONE

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SECTION 05: FIRE-FIGHTING MEASURES

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EXTINGUISHING MEDIA: NONE

SPECIAL FIRE FIGHTING PROCEDURES: NONE

UNUSUAL FIRE AND EXPLOSION HAZARDS: NONE

NFPA CODES:

NFPA FLAMMABILITY CODE = 0

NFPA HEALTH CODE = 3

NFPA REACTIVITY CODE = 1

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SECTION 06: ACCIDENTAL RELEASE MEASURES

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SPILL OR LEAK PROCEDURES: FLUSH TO DRAIN WITH WATER.

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SECTION 07: HANDLING AND STORAGE

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PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: STORE AT ROOM TEMPERATURE. AVOID HEAT.

SECTION 7 - OTHER INFORMATION: NONE

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SECTION 08: EXPOSURE CONTROLS - PROTECTION

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EYE PROTECTION: NONE

RESPIRATORY PROTECTION: NONE

PERSONAL PROTECTIVE EQUIPMENT: NONE

SECTION 8 - OTHER INFORMATION: NONE

PROTECTIVE GLOVES (SPECIFY TYPE): NONE

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SECTION 09: PHYSICAL & CHEMICAL PROPERTIES

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ANALYTICAL VOC WITHOUT WATER: NOT APPLICABLE.

THEORETICAL VOC WITHOUT WATER: NOT APPLICABLE.

BOILING POINT TEMPS: 101.00C/ 213.00F

BOILING POINT TEXT: 101C

SPECIFIC GRAVITY VALUES: = 1.0580

SPECIFIC GRAVITY TEXT: =1.058

VAPOR DENSITY TEXT: EQUAL TO WATER

VAPOR PRESSURE VALUES/UOM: 17.0000MMHG

VAPOR PRESSURE TEXT: 17 MM HG

PERCENT VOLATILE BY VOLUME TEXT: 0

PERCENT SOLID BY WEIGHT TEXT: N/A

EVAPORATION RATE TEXT: EQUAL TO WATER

SOLUBILITY IN WATER VALUES/UOM: 100.0000

SOLUBILITY IN WATER TEXT: 100%

PH OF PRODUCT IN SOLUTION WITH WATER/TEXT: =2.0

PH OF PRODUCT AS RECEIVED (NEAT)/VALUE: = 2.0000

APPEARANCE: STRAW COLORED; FRUITY ODOR

PHYSICAL STATE: LIQ

PHYSICAL STATE TEXT: LIQUID

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SECTION 10: STABILITY & REACTIVITY  
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STABILITY INDICATOR: Y

STABILITY - CONDITIONS TO AVOID: NONE

STABILITY - TEXT: YES

INCOMPATIBLE MATERIALS: NONE

HAZARDOUS DECOMPOSITION PRODUCTS: NONE

HAZARDOUS POLYMERIZATION INDICATOR: N

HAZARDOUS POLYMERIZATION TEXT: NO

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SECTION 13: DISPOSAL CONSIDERATIONS  
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WASTE DISPOSAL METHOD: FLUSH TO DRAIN WITH WATER.

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SECTION 16: OTHER INFORMATION  
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RCRA HAZARDOUS WASTE NUMBER TEXT: NOT APPLICABLE.

LOCAL EXHAUST: NONE

SPECIAL PROTECTION: NONE

SPECIAL PROTECTION (MECHANICAL): NONE



INGESTION PRIMARY ENTRY ROUTE INDICATOR = N  
PRIMARY ROUTES OF ENTRY TEXT: NONE

EFFECTS OF OVEREXPOSURE: TEMPORARY EYE IRRITATION ON CONTACT.

SECTION 3 - OTHER INFORMATION: NONE

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SECTION 04: FIRST AID MEASURES

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EMERGENCY FIRST AID PROCEDURES - GENERAL: FLUSH EYES WITH PLENTY OF WATER. GET MEDICAL ATTENTION IF IRRITATION DEVELOPS.

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SECTION 05: FIRE-FIGHTING MEASURES

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EXTINGUISHING MEDIA: NONE

SPECIAL FIRE FIGHTING PROCEDURES: NONE

UNUSUAL FIRE AND EXPLOSION HAZARDS: NONE

NFPA CODES:

NFPA FLAMMABILITY CODE = 0

NFPA HEALTH CODE = 3

NFPA REACTIVITY CODE = 1

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SECTION 06: ACCIDENTAL RELEASE MEASURES

---

SPILL OR LEAK PROCEDURES: FLUSH TO DRAIN WITH WATER.

---

SECTION 07: HANDLING AND STORAGE

---

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: STORE AT ROOM TEMPERATURE. AVOID HEAT.

SECTION 7 - OTHER INFORMATION: NONE

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SECTION 08: EXPOSURE CONTROLS - PROTECTION

---

EYE PROTECTION: FACE SHIELD/GOGGLES.

RESPIRATORY PROTECTION: NONE

PERSONAL PROTECTIVE EQUIPMENT: NONE

SECTION 8 - OTHER INFORMATION: NONE

PROTECTIVE GLOVES (SPECIFY TYPE): NONE

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SECTION 09: PHYSICAL & CHEMICAL PROPERTIES

---

ANALYTICAL VOC WITHOUT WATER: NOT APPLICABLE.

THEORETICAL VOC WITHOUT WATER: NOT APPLICABLE.

BOILING POINT TEMPS: 100.00C/ 212.00F  
BOILING POINT TEXT: 100.4C

SPECIFIC GRAVITY VALUES: = 1.0430  
SPECIFIC GRAVITY TEXT: =1.043

VAPOR DENSITY TEXT: EQUAL TO WATER

VAPOR PRESSURE VALUES/UOM: 17.0000MMHG  
VAPOR PRESSURE TEXT: 17 MM HG

PERCENT VOLATILE BY VOLUME TEXT: 0

PERCENT SOLID BY WEIGHT TEXT: N/A

EVAPORATION RATE TEXT: EQUAL TO WATER

SOLUBILITY IN WATER VALUES/UOM: 100.0000  
SOLUBILITY IN WATER TEXT: 100%

PH OF PRODUCT AS RECEIVED (NEAT)/VALUE: = 11.5000

APPEARANCE: COLORLESS TO PALE YELLOW LIQUID

PHYSICAL STATE: LIQ  
PHYSICAL STATE TEXT: LIQUID

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#### SECTION 10: STABILITY & REACTIVITY

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STABILITY INDICATOR: Y  
STABILITY - CONDITIONS TO AVOID: TEMPERATURES ABOVE 120F.  
STABILITY - TEXT: YES

INCOMPATIBLE MATERIALS: MINERAL ACIDS/BLEACH/PEROXIDES.

HAZARDOUS DECOMPOSITION PRODUCTS: CHLORINE DIOXIDE GAS.

HAZARDOUS POLYMERIZATION INDICATOR: N  
HAZARDOUS POLYMERIZATION TEXT: NO

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#### SECTION 13: DISPOSAL CONSIDERATIONS

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WASTE DISPOSAL METHOD: FLUSH TO DRAIN WITH WATER.

---

#### SECTION 16: OTHER INFORMATION

---

RCRA HAZARDOUS WASTE NUMBER TEXT: NOT APPLICABLE.

LOCAL EXHAUST: NONE

SPECIAL PROTECTION: NONE

SPECIAL PROTECTION (MECHANICAL): NONE