

D1 CYCLE CARE FORMULAS
D1 SURFACTANTS, SODIUM META SILICATE

D1 =====
D1 MATERIAL SAFETY DATA SHEET
D1 EFFECTIVE DATE: 01/01/03 CODE: CYCLE #1
D1 SURFACTANTS, SODIUM META SILICATE
D1 =====

D1 SECTION 1 - PRODUCT AND COMPANY INFORMATION
D1 =====

D1 PRODUCT NAME: SURFACTANTS, SODIUM META SILICATE
D1
D1 COMMON NAME: CYCLE CARE #1 ENGINE, TIRE & WHEEL CLEANER, 8oz
D1 CYCLE CARE #1 ENGINE, TIRE & WHEEL CLEANER, 32oz
D1
D1 MANUFACTURER'S NAME: CYCLE CARE FORMULAS
D1 4777 SOUTH FARM ROAD 205
D1 ROGERSVILLE, MO 65742
D1
D1 EMERGENCY TELEPHONE NUMBERS: 1-800-728-7800
D1
D1 REVISION DATE 01/01/03
D1 =====

37040109

D1 SECTION 2 - HAZARDOUS INGREDIENTS

D1 CAS NO. INGREDIENT
D1 111-76-2 ETHYLENE GLYCOL MONOBUTYL ETHER
D1 6834-92-0 SODIUM META SILICATE
D1 =====

D1 SECTION 3 - HAZARDS IDENTIFICATION

D1 *****EMERGENCY OVERVIEW*****
D1 * CAUSES EYE IRRITATION. CLEAR GREEN LIQUID SUBSTANCE WITH *
D1 * FRAGRANCE. *
D1 *****
D1
D1 CHRONIC CANCER INFORMATION: NOT LISTED UNDER IARC OR NTP
D1 TERATOLOGY (BIRTH DEFECT) INFORMATION: NOT LISTED
D1 REPRODUCTION INFORMATION: NOT LISTED
D1
D1 =====

D1 SECTION 4 - FIRST AID MEASURES

D1
D1 EYES - MOVE INDIVIDUAL AWAY FROM EXPOSURE AND INTO FRESH AIR.
D1 FLUSH WITH PLENTY OF WATER FOR AT LEAST 15 MINUTES.
D1 SEEK MEDICAL ATTENTION.
D1
D1 SKIN - REMOVE CONTAMINATED CLOTHING. WASH WITH SOAP AND WATER.
D1 SEEK MEDICAL ATTENTION IF IRRITATION DEVELOPS.
D1 LAUNDER CLOTHING BEFORE USE.
D1
D1 INGESTION - DO NOT INDUCE VOMITING. SEEK MEDICAL ATTENTION.
D1
D1 INHALATION - REMOVE TO FRESH AIR. IF NOT BREATHING GIVE
D1 ARTIFICIAL RESPIRATION. SEEK IMMEDIATE MEDICAL

8/15/11

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D1 ATTENTION.
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D1 SECTION 5 - FIREFIGHTING MEASURES

D1 FLAMMABLE PROPERTIES:

D1 FLASH POINT : NA

D1

D1 FLAMMABLE LIMITS: NA

D1 LOWER FLAMMABLE LIMIT: NA

D1 UPPER FLAMMABLE LIMIT: NA

D1

D1 AUTOIGNITION TEMPERATURE: NA

D1

D1 HAZARDOUS COMBUSTION PRODUCTS: CARBON DIOXIDE, CARBON
D1 MONOXIDE.

D1

D1 EXTINGUISHING MEDIA: REGULAR FOAM, CARBON DIOXIDE, AND
D1 DRY CHEMICAL.

D1

D1 FIREFIGHTING INSTRUCTIONS: WATER CAN BE USED TO KEEP
D1 EXPOSED CONTAINERS COOL, TO PROTECT.

D1

D1 FIREFIGHTERS SHOULD WEAR NORMAL PROTECTIVE EQUIPMENT (FULL
D1 BUNKER GEAR) AND POSITIVE-PRESSURE SELF CONTAINED BREATHING
D1 APPARATUS.

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D1 SECTION 6 - ENVIRONMENTAL RELEASE MEASURES

D1

D1 SPILL: ABSORB SPILL ON VERMICULITE FLOOR ABSORBENT
D1 OR OTHER ABSORBENT MATERIAL.

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D1 SECTION 7 - HANDLING AND STORAGE

D1

D1 HANDLING: CONTAINERS OF THIS MATERIAL MAY BE HAZARDOUS
D1 WHEN EMPTIED. SINCE EMPTIED CONTAINERS RETAIN
D1 PRODUCT RESIDUES, ALL HAZARD PRECAUTIONS GIVEN
D1 IN THE DATA SHEET SHOULD BE OBSERVED. ALL FIVE
D1 GALLON PAILS AND LARGER METAL CONTAINERS SHOULD

D1 GROUNDING OR BONDED WHEN MATERIAL IS TRANSFERRED.
D1
D1 STORAGE: STORE IN WELL VENTILATED AREA. KEEP AWAY FROM
D1 HEAT, SPARKS AND FLAMES. EMPTIED CONTAINERS
D1 MAY RETAIN PRODUCT RESIDUES. PRECAUTIONS APPLY
D1 TO EMPTIED CONTAINERS.
D1

D1=====

D1 SECTION 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

D1 ENGINEERING CONTROLS: USE ONLY WITH ADEQUATE VENTILATION.

D1 RESPIRATORY PROTECTION: WHEN RESPIRATORY PROTECTION IS
D1 REQUIRED, OR CONCENTRATIONS ARE UNKNOWN USE
D1 NIOSH/MSHA APPROVED AIR PURIFYING RESPIRATOR
D1 EQUIPPED WITH ORGANIC VAPOR CARTRIDGES OR
D1 CANISTERS. FOR EMERGENCY AND OTHER CONDITIONS
D1 WHERE EXPOSURE LIMIT MAY BE GREATLY EXCEEDED,
D1 USE AN APPROVED POSITIVE PRESSURE SELF CONTAINED
D1 BREATHING APPARATUS OR POSITIVE PRESSURE AIRLINE
D1 WITH AUXILIARY SELF CONTAINED AIR SUPPLY.

D1 SKIN PROTECTION: FOR BRIEF CONTACT, NO PRECAUTIONS OTHER
D1 THAN CLEAN BODY-COVERING SHOULD BE NEEDED. USE
D1 IMPERVIOUS GLOVES SUCH AS NEOPRENE.

D1 EYE PROTECTION: USE CHEMICAL GOGGLES IN COMPLIANCE WITH
D1 OSHA REGULATIONS.

D1=====

D1 SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

D1 BOILING POINT: NA
D1 MELTING POINT: NO DATA
D1 VAPOR PRESSURE: NA
D1 SOLUBILITY IN WATER: SOLUBLE
D1 SPECIFIC GRAVITY: H2O=1
D1 pH: NO DATA
D1 ODOR: LIME
D1 APPEARANCE: CLEAR GREEN LIQUID

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D1 SECTION 10 - STABILITY AND REACTIVITY

D1 CHEMICAL STABILITY: STABLE

D1

D1 INCOMPATIBILITY: AVOID CONTACT WITH: COPPER, ALKALI METALS

D1 AND OXIDIZERS
D1
D1
D1 HAZARDOUS DECOMPOSITION PRODUCTS: NONE EXPECTED
D1
D1 HAZARDOUS POLYMERIZATION: WILL NOT OCCUR
D1

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D1 SECTION 11 - TOXICOLOGICAL INFORMATION
D1
D1 NO KNOWN PUBLISHED DATA AVAILIABLE
D1

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D1 SECTION 12- - ECOLOGICAL INFORMATION
D1
D1 NO KNOWN PUBLISHED DATA AVAILIABLE
D1

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D1 SECTION 13 - DISPOSAL CONSIDERATIONS
D1
D1 WASTE MANAGEMENT INFORMATION: DISPOSE OF IN ACCORDANCE
D1 WITH ALL APPLICABLE LOCAL, STATE AND FEDERAL
D1 REGULATIONS.
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D1 SECTION 14 -TRANSPORT INFORMATION
D1
D1 DOT INFORMATION - 49 CFR 172.101
D1 DOT DESCRIPTION: NOT REGULATED UNDER DOT
D1
D1 CONTAINER/MODE: 55 GAL DRUM/TRUCK PACKAGE
D1
D1 NOS COMPONENT: NA
D1
D1 RQ (REPORTABLE QUANTITY) - 49 CFR 172.101
D1 NOT APPLICABLE
D1

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D1 SECTION 15 - REGULATORY INFORMATION
D1
D1 US FEDERAL REGULATIONS:
D1 TSCA (TOXIC SUBSTANCES CONTROL ACT) STATUS
D1 TSCA (UNITED STATES) THE INTENTIONAL INGREDIENTS OF
D1 THIS PRODUCT ARE LISTED.
D1
D1 CERCLA RQ - 40 CFR 302.4

D1 NONE LISTED
D1
D1 SARA 302 COMPONENTS - 40 CFR 355 APPENDIX A
D1 NONE
D1
D1 SECTION 311/312 HAZARD CLASS - 40 CFR 370.2
D1 IMMEDIATE(X) DELAYED() FIRE() REACTIVE() SUDDEN()
D1 RELEASE OF PRESSURE
D1
D1 SARA 313 COMPONENTS - 40 CFR 372.65
D1 NONE
D1
D1 STATE AND LOCAL REGULATIONS
D1 CALIFORNIA PROPOSITION 65
D1 THE FOLLOWING STATEMENT IS MADE IN ORDER TO COMPLY WITH
D1 THE CALIFORNIA SAFE DRINKING WATER AND TOXIC ENFORCEMENT
D1 ACT OF 1986: THE PRODUCT CONTAINS THE FOLLOWING SUBSTANCE
D1 KNOWN TO THE STATE OF CALIFORNIA TO CAUSE CANCER.
D1 NONE
D1
D1 THE FOLLOWING STATEMENT IS MADE IN ORDER TO COMPLY WITH
D1 THE CALIFORNIA SAFE DRINKING WATER AND TOXIC ENFORCEMENT
D1 ACT OF 1986: THIS PRODUCT CONTAINS THE FOLLOWING
D1 SUBSTANCE KNOWN TO THE STATE OF CALIFORNIA TO CAUSE
D1 REPRODUCTIVE HARM.
D1 NONE
D1
D1
D1=====

D1 SECTION 16 - OTHER INFORMATION

D1 THE INFORMATION HEREING IS GIVEN IN GOOD FAITH, BUT NO
D1 WARRANTY, EXPRESS OR IMPLIED, IS MADE.
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