

SOCAR CHEMICAL COMPANY INC

2609 RUTHERFORD RD

GREENVILLE SC 29609

864-244-5068

SAFETY DATA SHEET: 402 CLEANER

ISSUE DATE: 9-19-13

SECTION 1: PRODUCT & COMPANY IDENTIFICATION

PRODUCT NAME: 402 ALL PURPOSE CLEANER

ADDITIONAL NAMES: ALL PURPOSE CLEANER

SUPPLIER/MANUFACTURER'S NAME: SOCAR CHEMICAL COMPANY INC.

ADDRESS: 2609 RUTHERFORD RD, GREENVILLE SC 29609 USA

EMERGENCY PHONE: CHEMTREC 1-800-424-9300 CCN695199

BUSINESS PHONE: 1-864-244-5068

FAX: 1-864-268-2742

MONDAY-FRIDAY, 7AM-4PM

WEB SITE: www.socarchemical.com

SECTION 2: HAZARDOUS IDENTIFICATION

EMERGENCY OVERVIEW: THIS IS A GREEN COLORED LIQUID WITH LEMON ODOR.

IMMEDIATE HEALTH, PHYSICAL, AND ENVIRONMENTAL HAZARDS: THERE IS NO EXPECTED HEALTH HAZARDS.

OSHA HAZARD CLASSIFICATIONS:

NONE

THIS MIXTURE IS NOT CONSIDERED HAZARDOUS BY THE OSHA HAZARD COMMUNICATION STANDARD (29 CFR 1910.1200)

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

INGREDIENT	CAS NUMBER	PERCENT BY WEGHT
WATER	7732-18-5	>=85%
ETHOXYLATED ALCOHOL	68439-46-3	>=5%
SODIUM CITRATE	68-4-2	>=5%
SODIUM CARBONATE	497-19-8	>=3%
COLORANT	PROPRIETARY MIXTURE	>=2%

SECTION 4: FIRST AID MEASURES

EYE CONTACT: IF ADVERSE EFFECT OCCURS, FLUSH EYES WITH WATER.

SKIN CONTACT: IF ADVERSE EFFECT OCCURS, RINSE WITH WATER.

INHALATION: IF ADVERSE EFFECT OCCURS, MOVE TO FRESH AIR.

INGESTION: DRINK PLENTY OF WATER TO DILUTE.

SECTION 5: FIRE FIGHTING MEASURES

FIRE EXTINGUISHING MATERIALS: SUITABLE EXTINGUISHING MEDIA: USE DRY CHEMICAL, CO2, WATER SPRAY OR "ALCOHOL" FOAM.

EXTINGUISHING MEDIA TO AVOID: HIGH VOLUME JET WATER.

PRODUCTS OF COMBUSTION: IN EVENT OF FIRE CREATED CARBON OXIDES.

FLASH POINT: NO FLASH POINT SEEN AT OR BELOW 212 DEG. F (100 DEG. C), ASTM D-93

AUTOIGNITION TEMPERATURE: NOT APPLICABLE

FLAMMABILITY: NON FLAMMABLE

UNUSUAL FIRE AND EXPLOSION HAZARDS: NA

SPECIAL FIRE FIGHTING PROCEDURES: SPECIAL PROTECTIVE EQUIPMENT:

FIREFIGHTERS SHOULD WEAR SELF-CONTAINED BREATHING APPARATUS AND FULL FIRE-FIGHTING TURNOUT GEAR.

SECTION 6: ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS: USE PERSONAL PROTECTION RECOMMENDED IN SECTION 8.

ENVIRONMENTAL PRECAUTIONS: PREVENT RUNOFF FROM ENTERING DRAINS, SEWERES OR WATERWAYS.

SPILLS: DIKE OR SOAK-UP WITH INERT ABSORBENT MATERIAL. METHOD FOR CLEAN UP: DILUTE WITH WATER AND RINSE INTO SANITARY SEWER SYSTEM OR DISPOSE INTO SUITABLE CONTAINER.

SECTION 7: HANDLING AND STORAGE

HANDLING: ENSURE ADEQUATE VENTILATION. KEEP OUT OF REACH OF CHILDREN.

STORAGE: KEEP CONTAINER TIGHTLY CLOSED. KEEP IN COOL DRY PLACE.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

EXPOSURE LIMITS/GUIDELINES:

CHEMICAL NAME	CAS#	ACHIG TWA	OSHA TWA	SWA
WATER	7732-18-5	NOT LISTED	NOT LISTED	NOT LISTED

EXPOSURE LIMIT VALUES: NO COMPONENTS LISTED WITH TWA OR STEL VALUES UNDER OSHA OR ASGIH.

ENGINEERING CONTROLS: NOT APPLICABLE.

RESPIRATORY PROTECTION: USE IN WELL-VENTILATED AREAS.

EYE PROTECTION: USE PROTECTIVE GLASSES IF SPLASHING OR SPRAY-BACK IS LIKELY.

SKIN PROTECTION: DERMAL SENSITIVE INDIVIDUALS SHOULD USE PROTECTIVE GLOVES.

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GENERAL HYGIENE CONSIDERATIONS: WASH THOROUGHLY AFTER HANDLING AND BEFORE EATING OR DRINKING.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: GREEN LIQUID

ODOR: LEMON

ODOR THRESHOLD: MILD

PH: 10.8

FREEZING POINT: 32 F

BOILING POINT: 220 F

FLASH POINT: NOT APPLICABLE

FLAMMABILITY: NOT APPLICABLE

EXPLOSIVE LIMITS: NOT APPLICABLE

VAPOR PRESSURE: NOT APPLICABLE

VAPOR DENSITY (AIR=1): NOT APPLICABLE

RELATIVE DENSITY: NOT APPLICABLE

SOLUBILITY: 100%

PARTITION COEFFICIENT: N-OCTANOL/WATER: NOT APPLICABLE

AUTOIGNITION TEMPERATURE: NOT APPLICABLE

DECOMPOSITION TEMPERATURE: NOT APPLICABLE

VISCOSITY: NOT APPLICABLE

SECTION 10: STABILITY AND REACTIVITY

REACTIVITY: NONE

STABILITY: STABLE

HAZARDOUS POLYMERIZATION: WILL NOT OCCUR

CONDITIONS TO AVOID: NONE KNOWN

INCOMPATIBLE MATERIALS: NONE KNOWN

DECOMPOSITION OR BY-PRODUCTS: NONE KNOWN

SECTION 11: TOXICOLOGICAL INFORMATION

EFFECTS OF EXPOSURE: NOT EXPECTED TO BE HAZARDOUS UNDER TYPICAL USE CONDITIONS.

ACCUTE TOXICITY: NON KNOWN

EYES: MINIMAL IRRITANT PER OCULAR IRRITATION (R*) ASSAY MODELING. NO ANIMAL TESTING PERFORMED.

SKIN: NON-IRRITANT PER DERMAL IRRITATION (R*) ASSAY MODELING. NO ANIMAL TESTING PERFORMED.

SECTION 12: ECOLOGICAL INFORMATION

AQUATIC TOXICITY: NOT AVAILABLE

PERSISTENCE AND DEGRADABILITY: READILY BIO-DEGRADABLE PER OECD 301D, CLOSED BOTTLE TEST.

BIOACCUMULATION: NOT APPLICABLE.

SECTION 13: DISPOSAL CONSIDERATIONS

APPROPRIATE METHOD FOR DISPOSAL: UNUSED PRODUCT *DILUTE WITH WATER AND DISPOSE BY SANITARY SEWER.

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EMPTY CONTAINERS: TRIPLE-RINSE WITH WATER AND OFFER FOR RECYCLING IF AVAILABLE IN YOUR AREA.

*DISPOSE OF USED OR UNUSED PRODUCT, AND EMPTY CONTAINERS IN ACCORDANCE WITH THE LOCAL, STATE, PROVINCIAL, AND FEDERAL REGULATIONS FOR YOUR LOCATION. NEVER DISPOSE OF USED DEGREASING RE-INSTATES INTO LAKES, STREAMS, AND OPEN BODIES OF WATER OR STORM DRAINS.

SECTION 14: TRANSPORT INFORMATION

US (DOT)/ CANADIAN TDG: NOT REGULATED FOR SHIPPING

IMO/IDMG: NOT CLASSIFIED AS HAZARDOUS

ICAO/IATA: NOT CLASSIFIED AS HAZARDOUS

ADR/RID: NOT CLASSIFIED AS HAZARDOUS

UN NUMBER: NOT APPLICABLE

HAZARD CLASS: NON HAZARDOUS

PROPER SHIPPING NAME: DETERGENT/CLEANING SOLUTION

MARINE POLLUTANT: NO

SECTION 15: REGULATORY INFORMATION

ALL COMPONENTS ARE LISTED ON: EINECS, TSCA, DSL, AICS AND NZIOC INVENTORY.

SARA TITLE III:

SECTIONS 311/313: NOT APPLICABLE

SECTIONS 313: NOT APPLICABLE

SECTIONS 302: NOT APPLICABLE

STATE RIGHT TO KNOW LISTS NO INGREDIENTS LISTED.

CA PROP 65: NONE LISTED

TEXAS ESL:

ETHOXYLATED ALCOHOL 68439-46-3

60 (MICRO) G/M3 LONG TERM

600 (MICOR) G/M3 SHORT TERM

SODIUM CITRATE: 68-04-2

5 (MICRO) G/M3 LONG TERM

50 (MICRO) G/M3 SHORT TERM

SODIUM CARBONATE: 497-19-8

5 (MICRO) G/M3 LONG TERM

50 (MICRO) G/M3 SHORT TERM

CITRIC ACID 77-92-9

10 (MICRO) G/M3 LONG TERM

100 (MICRO) G/M3 SHORT TERM

WHMIS CLASSIFICATION: NON HAZARDOUS, NOT CLASSIFIABLE.

NAME TOXIC SUBSTANCES LIST SCHEDULE 1 CEPA NPRI INVENTORY

NO NO

NO

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THIS PRODUCT HAS BEEN CLASSIFIED ACCORDING TO THE HAZARD CRITERIA OF THE CPR AND THE MSDS CONTAINS ALL THE INFORMATION REQUIRED BY CANADA'S CONTROLLED PRODUCTS REGULATION.

SECTION 16: OTHER INFORMATION

HMIS RATING: HEALTH: 1
FLAMMABILITY: 0
REACTIVITY: 0
PERSONAL PROTECTION: X

PREPARED BY: GARRY WAMPOLE, SOCAR CHEMICAL

DATE OF LAST REVISION: OCTOBER 2013

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