

SOCAR CHEMICAL COMPANY INC
2609 RUTHERFORD RD
GREENVILLE SC 29609
864-244-5068

SAFETY DATA SHEET: **XL220 GLASS CLEANER**
ISSUE DATE: 9-19-15

SECTION 1: PRODUCT & COMPANY IDENTIFICATION

PRODUCT NAME: XL220 GLASS CLEANER
ADDITIONAL NAMES: SURFACE CLEANER, GLASS CLEANER

SUPPLIER/MANUFACTURER'S NAME: SOCAR CHEMICAL COMPANY INC.
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SECTION 2: HAZARDOUS IDENTIFICATION

EMERGENCY OVERVIEW: THIS IS A CLEAR LIQUID WITH SLIGHT AMMONIA 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
ETHANOL; ETHYL ALCOHOL; GRAIN ALCOHOL	64-17-5	>/=20-30
AMMONIUM HYDROXIDE	1336-21-6	>/=10

SECTION 4: FIRST AID MEASURES

EYE CONTACT: IF ADVERSE EFFECT OCCURS, FLUSH EYES WITH WATER. IF IRRITATION PERSISTS SEE A DOCTOR.

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

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INHALATION: IF ADVERSE EFFECT OCCURS, MOVE TO FRESH AIR. GET MEDICAL ATTENTION IF SYMPTOMS PERSIST.

INGESTION: DRINK PLENTY OF WATER TO DILUTE GET MEDICAL ATTENTION IF SYMPTOMS PERSIST.

SECTION 5: FIRE FIGHTING MEASURES

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

FLASH POINT: NO FLASH POINT SEEN AT OR BELOW 82 DEG. F (27.8 DEG. C), CLOSED CUP

AUTOIGNITION TEMPERATURE: NOT DETERMINED

FLAMMABILITY: LOWER: 1% UPPER: 12% FLAMMABLE IN THE PRESENCE OF THE FOLLOWING MATERIALS OR CONDITIONS: OPEN FLAME, SPARKS AND STATIC DISCHARGE AND HEAT.

UNUSUAL FIRE AND EXPLOSION HAZARDS: NONE

SPECIAL FIRE FIGHTING PROCEDURES: SPECIAL PROTECTIVE EQUIPMENT: FIREFIGHTERS SHOULD WEAR SELF-CONTAINED BREATHING APPARTAUS 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, SEWERS OR WATERWAYS.

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

SECTION 7: HANDLING AND STORAGE

HANDLING: PUT ON APPROPRIATE PERSONAL PROTECTIVE EQUIPMENT. STORE AND USE AWAY FROM HEAT, SPARKS, OPEN FLAME OR ANY OTHER IGNITION SOURCE. DO NOT GET IN EYES OR ON SKIN OR CLOTHING. DO NOT BREATHE VAPOR OR MIST. DO NOT INGEST. USE ONLY WITH ADEQUATE VENTILATION. WASH THOROUGHLY AFTER HANDLING. KEEP OUT OF REACH OF CHILDREN.

STORAGE: ELIMINATE ALL IGNITION SOURCES. STORE IN ORIGINAL CONTAINER PROTECTED FROM DIRECT SUNLIGHT IN A DRY COOL WELL VENTILATED AREA, AWAY FROM INCOMPATIBLE MATERIALS AND FOOD AND DRINK. KEEP CONTAINER TIGHTLY CLOSED.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

EXPOSURE LIMITS/GUIDELINES:

CHEMICAL NAME	CAS#	EXPOSURE LIMITS
ETHANOL; ETHYL ALCOHOL	64-17-5	ACGIH/ OSHA PEL(UNITED STATES)
GRAIN ALCOHOL		TWA: 1000 PPM 8 HOURS

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

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ENGINEERING CONTROLS: NOT APPLICABLE.

RESPIRATORY PROTECTION: USE IN WELL-VENTILATED AREAS. PROVIDE EXHAUST VENTILATION OR OTHER ENGINEERING CONTROLS TO KEEP THE AIRBORNE CONCENTRATIONS OF VAPORS BELOW THEIR RESPECTIVE OCCUPATIONAL EXPOSURE LIMITS.

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

SKIN PROTECTION: DERMAL SENSITIVE INDIVIDUALS SHOULD USE PROTECTIVE GLOVES.

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

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: CLEAR LIQUID

ODOR: SLIGHT AMMONIA

ODOR THRESHOLD: MILD

PH: 7.0-7.5

FREEZING POINT: 32 F

BOILING POINT: 212 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: KEEP AWAY FROM HEAT, SPARKS AND FLAME.

INCOMPATIBLE MATERIALS: OXIDIZING MATERIALS

DECOMPOSITION OR BY-PRODUCTS: CARBON OXIDES (CO, CO₂)

SECTION 11: TOXICOLOGICAL INFORMATION

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

ACUTE TOXICITY: ETHANOL, LD₅₀ ORAL/RAT, 7060mg/kg, LC₅₀ INHALATION VAPOR/RAT, 20000mg/kg 4 HOURS

SECTION 12: ECOLOGICAL INFORMATION

AQUATIC TOXICITY: NOT AVAILABLE

PERSISTENCE AND DEGRADABILITY: NO KNOWN SIGNIFICANT EFFECTS OR CRITICAL HAZARDS.

BIOACCUMULATION: NOT APPLICABLE.

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SECTION 13: DISPOSAL CONSIDERATIONS

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

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 OF THIS PRODUCT ARE LISTED OR EXEMPT FROM LISTING ON: TSCA INVENTORY.

SARA TITLE III:

SECTIONS 311/313: NO PRODUCTS WERE FOUND

SECTIONS 313: NO PRODUCTS WERE FOUND

SECTIONS 302: NO PRODUCTS WERE FOUND

STATE RIGHT TO KNOW LISTS NO INGREDIENTS LISTED.

CA PROP 65: NO PRODUCTS WERE FOUND

SECTION 16: OTHER INFORMATION

HMIS RATING: HEALTH: 1

FLAMMABILITY: 2

PHYSICAL HAZARD: 0

PERSONAL PROTECTION:X

PREPARED BY: DAWN STYLES, SOCAR CHEMICAL

DATE OF LAST REVISION: SEPTEMBER, 2015

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