

# **SOCAR CHEMICAL COMPANY INC**

**2609 RUTHERFORD RD**

**GREENVILLE SC 29609**

**864-244-5068**

**SAFETY DATA SHEET: BLUE KNIGHT**

ISSUE DATE: 1-2-14

## **SECTION 1: PRODUCT & COMPANY IDENTIFICATION**

**PRODUCT NAME:** BLUE KNIGHT

**CHEMICAL FAMILY NAME:** SILICONE EMULSION

**PRODUCT USE:** INTERIOR AND TIRE DRESSING

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

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## **SECTION 2: HAZARDOUS IDENTIFICATION**

**EMERGENCY OVERVIEW:** THIS IS A LIGHT BLUE LIQUID WITH A MILD ODOR. NO EXPECTED HEALTH HAZARDS.

**IMMEDIATE HEALTH, PHYSICAL AND ENVIRONMENTAL HAZARDS:** NO HEALTH PROBLEMS AT ALL.

### **OSHA HAZARD CLASSIFICATION**

NONE

### **PRECAUTIONARY STATEMENTS:**

KEEP CONTAINER TIGHTLY CLOSED

WEAR PROTECTIVE GLOVES AND EYE/FACE PROTECTION

STORE IN COOL/WELL VENTILATED PLACE

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

## **SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS**

<b>INGREDIENT</b>	<b>CAS NUMBER</b>	<b>PERCENT BY WEIGHT</b>
NOT AVAILABLE	NOT AVAILABLE	NOT AVAILABLE

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### **SECTION 4: FIRST AID MEASURES**

**IF INHALED:** IMMEDIATELY MOVE VICTIM TO FRESH AIR. IF VICTIM IS NOT BREATHING, IMMEDIATELY BEGIN RESCUE BREATHING. IF HEART HAS STOPPED, IMMEDIATELY BEGIN CARDIOPULMONARY RESUSCITATION. SEEK IMMEDIATE MEDICAL ATTENTION.

**IF ON SKIN:** REMOVE CONTAMINATED SHOES AND CLOTHING, RINSE SKIN WITH WATER AND SOAP.

**IF IN EYES:** CHECK FOR AND REMOVE CONTACT LENSES. IF IRRITATION OR REDNESS DEVELOPS FLUSH EYES WITH WATER FOR AT LEAST 15 MINUTES.

**IF INGESTED:** IF VICTIM IS CONSCIOUS, GIVE 2 OR 3 GLASSES OF WATER OR MILK TO DRINK TO DILUTE THE MATERIAL. GET MEDICAL ATTENTION.

### **SECTION 5: FIRE FIGHTING MEASURES**

**FLAMMABILITY:** NON FLAMMABLE

**FLASH POINT:** NO FLASH POINT SEEN AT OR BELOW 200 DEG. F

**SUITABLE EXTINGUISHING MEDIA:** USE DRY CHEMICAL, CO<sub>2</sub>, and WATER SPRAY OR "ALCOHOL" FOAM.

**EXTINGUISHING MEDIA TO AVOID:** HIGH VOLUME JET WATER.

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

**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, SEWERS OR WATERWAYS.

**METHOD FOR CONTAINMENT:** 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 LIMIT VALUES:** NO COMPONENTS LISTED WITH TWA OR STEL VALUES UNDER OSHA OR ACGIH.

**EXPOSURE CONTROLS:**

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

**RESPIRATORY:** USE IN WELL-VENTILATED AREAS.

**SKIN CONTACT:** 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:** BLUE LIQUID

**ODOR:** MILD

**ODOR THRESHOLD (PPM):** MILD

**PH:** 5.0-7.0

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**FREEZING POINT:** 32 F  
**BOILING POINT:** NO DATA  
**FLASHPOINT:** >200F  
**EVAPORATION RATE:** <1  
**FLAMMABILITY:** NOT FLAMMABLE  
**EXPLOSIVE LIMITS (mmHg):** NOT APPPLICABLE  
**VAPOR DENSITY:** >1  
**RELATIVE DENSITY:** NOT APPLICABLE  
**SOLUBILITY:** DISPERSIBLE  
**PARTITION COEFFICIENT: N-OCTANOL/WATER:** NOT AVAILABLE  
**AUTO-IGNITION TEMPERATURE:** NOT APPLICABLE  
**DECOMPOSITION TEMPERATURE:** NOT APPLICABLE  
**VISCOSITY:** NOT AVAILABLE

#### SECTION 10: STABILITY AND REACTIVITY

**STABILITY:** STABLE UNDER NORMAL CONDITIONS 70 DEG. F (21 DEG C) AND 14.7 PSIG (760 MMHG).  
**REACTIVITY:** NON-REACTIVE.  
**CONDITIONS TO AVOID:** NONE KNOWN  
**INCOMPATIBLE MATERIALS:** NONE KNOWN  
**HAZARDOUS DECOMPOSTION PRODUCTS:** NORMAL PRODUCTS OF COMBUSTION – CO, CO2.  
**POSSIBILITY OF HAZARDOUS REACTIONS:** NONE KNOWN

#### SECTION 11: TOXICOLOGICAL INFORMATION

**EFFECTS OF EXPOSURE:** NOT EXPECTED TO BE HAZARDOUS UNDER TYPICAL USE CONDITIONS.  
**ACCUTE TOXICITY:** ORAL LD50 (RAT): >5 G/KG BODY WEIGHT  
DERMAL LD50 (RABBIT): >5 G/KG BODY WEIGHT  
CALCULATED VIA OECD HARMONIZED INTEGRATED CLASSIFICATION SYSTEM FOR HUMAN HEALTH AND ENVIRONMENTAL HAZARDOUS OF CHEMICAL SUBSTANCES AND MIXTURES.  
**EYES:** MINIMAL IRRITANT PER OCULAR IRRITECTION (R\*) ASSAY MODELING. NO ANIMAL TESTING PERFORMED.  
**SKIN:** NON-IRRITANT PER DERMAL IRRITECTION (R\*) ASSAY MODELING. NO ANIMAL TESTING PERFORMED.

#### SECTION 12: ECOLOGICAL INFORMATION

**AQUATIC TOXICITY:** LOW, BASED ON OECD 201, 202, 203 +MICROTOX: EC50 & IC50>/=100 MG/L.  
**TERRESTRIAL TOXICITY:** LOW BASED ON TOXICOLOGY PROFILE.  
**PERSISTENCE AND DEGRADABILITY:** READILY BIODEGRADABLE PER OECD 301D, CLOSED BOTTLE TEST.  
**MOBILITY:** NO DATA AVAILABLE.  
**BIOACCUMLULATION:** NOT APPLICABLE.

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**SECTION 13: DISPOSAL CONSIDERATIONS**

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

**USED PRODUCT:** USED PRODUCT MAY BE HAZARDOUS DEPENDING ON THE CLEANING APPLICATION AND RESULTING CONTAMINANTS.

**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  
MARIN POLLUTANT: NO

**SECTION 15: REGULATORY INFORMATION**

ALL COMPONENTS OF THIS MATERIAL ARE EITHER EXEMPT OR LISTED ON THE US TSCA 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.

**SECTION 16: OTHER INFORMATION**

**HMIS RATING:** HEALTH: 0  
FLAMMABILITY: 0  
REACTIVITY: 0  
PERSONAL PROTECTION: x

**PREPARED BY:** DAWN STYLES, SOCAR CHEMICAL

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**DATE OF LAST REVISION:** JANUARY 2014

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