

# MATERIAL SAFETY DATA SHEET

## ROYAL SHEEN®OPTIMUM WHEEL & TIRE CLEANER

IMPORTANT: Read this MSDS before handling and disposing of this product and pass this information on to employees, customers, and users of this product.



5340 Mayfair Road North Canton OH 44720 800-83SHEEN

### I. GENERAL INFORMATION

PRODUCT NAME: ROYAL SHEEN® OPTIMUM WHEEL & TIRE CLEANER	DATE PREPARED MAY 2005
TELEPHONE 1-800-424-9300 CHEMTREC NUMBERS: 1-330-494-9535 S/S CAR CARE	SIGNATURE OF PREPARER: ANDRAS NAGY - CHEMIST

### II. SUMMARY OF HAZARDS

<u>COMPONENTS</u>	<u>OSHA PEL</u>	<u>ACGIH TLV</u>	<u>OTHER LIMITS RECOMMENDED</u>
POTASSIUM HYDROXIDE (CAS#1310-58-3), <8%	CEILING 2MG/M <sup>3</sup>	2MG/M <sup>3</sup>	
2-BUTOXYETHANOL (CAS#111-76-2), <5%	25 PPM	25 PPM	

None of the other ingredients are classified hazardous according to the criteria of OSHA's 29 CFR 1910.1200. The precise composition of this mixture is considered proprietary information. A more complete disclosure will be provided to a physician or nurse in the event of a medical emergency.

### III. PHYSICAL/CHEMICAL PROPERTIES

BOILING POINT: OVER 100 <sup>0</sup> C	SPECIFIC GRAVITY: 1.105
SOLUBILITY IN WATER: COMPLETE	APPEARANCE AND ODOR: LIGHT YELLOW LIQUID WITH CHARACTERICTIC ODOR

### IV. FIRE & EXPLOSION DATA

EXTINGUISHING MEDIA: WATERFOG, DRY CHEMICAL OR ALCOHOL FOAM FOR LARGE FIRES. CO <sub>2</sub> FOR SMALL FIRES
SPECIAL DO NOT ENTER ANY ENCLOSED OR CONFINED FIRE SPACE WITHOUT PROPER FIRE FIGHTING BREATHING PROTECTION , SUCH AS A SELF CONTAINED BREATHING PROCEDURES: APPARATUS
UNUSUAL FIRE AND NOT DETERMINED EXPLOSION HAZARDS:

### V. REACTIVITY DATA

INCOMPATIBILITY (MATERIALS TO AVOID)	IGNITION SOURCES STRONG ACIDS	STABILITY: MATERIAL IS STABLE	
HAZARDOUS DECOMPOSITION: INCOMPLETE COMBUSTION MAY GENERATE CARBON MONOXIDE	HAZARDOUS POLYMERIZATION: WILL NOT OCCUR	CONDITIONS TO AVOID	HIGH TEMP. SEVERE OXIDIZING CONDITIONS

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## VI. HEALTH HAZARDS

ROUTE OF EXPOSURE	SIGNS & SYMPTOMS	PRIMARY ROUTES
INHALATION	REMOVE FROM CONTAMINATED AREA TO FRESH AIR IF IRRITATION PERSISTS GET MEDICAL ATTENTION	✓
EYE CONTACT	IMMEDIATELY FLUSH EYES WITH WATER OR STERILE EYE WASH FOR 15 MINUTES. SEEK IMMEDIATE MEDICAL ATTENTION.	✓
SKIN ABSORPTION & IRRITATION	REMOVE CONTAMINATED CLOTHING , FLUSH AFFECTED AREAS WITH LARGE AMOUNTS OF WATER , WASH SKIN WITH SOAP AND WATER	✓
INGESTION	GIVE LARGE AMOUNTS OF WATER OR CITRUS JUICE. CALL PHYSICIAN IMMEDIATELY. DO NOT INDUCE VOMITING.	✓
CARCINOGENICITY	NOT CONSIDERED CARCINOGENIC	
OSHA REGULATED	SEE SECTION II.	

## VII. HANDLING OF SPILLS & LEAKS

PROCEDURES FOR CLEAN-UP	STOP RELEASE IF FEASIBLE WITHOUT RISK. ISOLATE LARGE SPILLS, PACKAGE WASTE IN SUITABLE CONTAINERS FOR DISPOSAL. ELIMINATE ALL IGNITION SOURCES
WASTE DISPOSAL METHOD	INCINERATE OR LANDFILL WHERE PERMITTED UNDER APPROPRIATE FEDERAL , STATE AND LOCAL REGULATIONS
HANDLING PROCEDURES	STORE IN CLOSED PLASTIC OR EPOXY LINED CARBON STEEL CONTAINERS. ALL HAZARD PRECAUTIONS IN THIS MSDS MUST BE OBSERVED

## VIII. SAFETY & CONTROL MEASURES

RESPIRATORY PROTECTION	WHERE EXCESSIVE VAPOR OR MIST RESULTS FROM USAGE AN APPROPRIATE NIOSH/MESA APPROVED RESPIRATOR SHOULD BE USED. VENTILATION MAY BE REQUIRED FOR HANDLING AT ELEVATED TEMPERATURE.
EYE PROTECTION	CHEMICAL- TYPE GOGGLES ARE REQUIRED
SKIN PROTECTION	PROTECTIVE CHEMICAL RESISTANT GLOVES ARE REQUIRED
ENGINEERING CONTROLS	PROVIDE SUFFICIENT LOCAL MECHANICAL VENTILATION TO MAINTAIN EXPOSURE BELOW TLV'S
OTHER HYGIENIC AND WORK PRACTICES	AVOID PROLONGED OR EXTENSIVE CONTACT , WEAR IMPERVIOUS CLOTHING AND PRACTICE GOOD PERSONAL HYGIENE .

### DISCLAIMER OF LIABILITY

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