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## MATERIAL SAFETY DATA SHEET

MotorVac Technologies, Inc. May be used to comply with OSHA's  
1431 S. Village Way,, Hazard Communication Standard  
Santa Ana, CA / U.S.A 29CFR 1910.1200. Standard  
714-558-4822 must be consulted for specific  
1-800-255-3924 Chem-Tel (24 hours) requirements.  
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### **SECTION I IDENTIFICATION**

Trade Name: SC7 Power Steering Flush Detergent 392-2007 (flush); 827-2000  
U.S. D.O.T. Shipping Name: Combustible liquid, n.o.s.  
Technical Name: Not Applicable  
U.S. D.O.T. Primary Hazard Class: Non Regulated  
U.S. D.O.T. Secondary Hazard Class: Not Applicable  
Identification Number: NA1993  
IATA (Airline) Non Regulated  
Maritime Non Regulated  
Packing Group: III

### **SECTION II HAZARDOUS INGREDIENTS--IDENTITY INFORMATION**

Hazardous Components	CAS #	OSHA PEL	ACGIH TLV
Aliphatic petroleum distillates	64741-44-2	100 ppm	100 ppm
Ethylene glycol monobutyl ether **	111-76-2	25 ppm	25 ppm

\*\* reportable under SARA 313 – 7% by weight

Other components, are considered to be non-hazardous as per OSHA 29 CFR 1910.1200.  
HMIS rating Health - 2, Flammability - 2, Reactivity - 1, PPE to be determined at work site.

### **SECTION III PHYSICAL & CHEMICAL CHARACTERISTICS**

Flash Point: >142°F Using PM Closed Cup ASTM D-93  
Specific Gravity (H<sub>2</sub>O=1): 0.835  
Vapor Density (Air=1): >4  
Evaporation Rate (BA=1): <1  
% Solids: 0  
Weight (lb./gal.): 6.97  
Volatile Organic Compounds 7%, 0.49 lbs/gallon  
Appearance & Odor: Clear Purple liquid, petroleum, ether odor

### **SECTION IV FIRE & EXPLOSION HAZARD DATA**

Extinguishing Media: Regular foam, carbon dioxide, dry chemical.  
Special Fire Fighting Procedures: Wear a Self Contained Breathing Apparatus with full face-piece operated in the positive pressure demand mode with appropriate turn-out gear and chemical resistant personal protective equipment. Material will float on water.  
Unusual Fire & Explosion Hazards: Toxic fumes, gases, or vapors may evolve on burning. Vapors are heavier than air and may travel along the ground or be moved by ventilation and ignited by heat, pilot lights, other flames, and ignition sources at locations distant from material handling point. Never use welding or cutting torch on or near drum (even empty) because product even just residue) can ignite explosively.

### **SECTION V REACTIVITY DATA**

Stability: Stable.  
Materials to Avoid: Nitric acid, Sulfuric acid, strong oxidizing products.  
Conditions to Avoid: Contact with open flame.  
Hazardous Decomposition Products: Carbon monoxide, carbon dioxide and unidentified organic compounds may be formed during combustion.  
Hazardous Polymerization: Will not occur.

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## **SECTION VI HEALTH HAZARD DATA**

### *SIGNS AND SYMPTOMS OF EXPOSURE:*

Eyes: Irritation, redness, stinging.  
Dermal: Dryness, irritation, redness.  
Inhalation: Vapors may irritate nose, throat, respiratory tract.  
Ingestion: Nausea, vomiting, dizziness, headache, blurred vision.

### *EMERGENCY RESPONSE AND FIRST AID PROCEDURES:*

Eyes: If symptoms develop, move individual away from exposure and into fresh air. Flush eyelids with water while holding eyelids apart. If symptoms persist or there is any visual difficulty, get medical attention.  
Dermal: Wash with soap and water and then flush with water until all chemical is removed. Remove contaminated clothing promptly and wash before reuse. If irritation persists get medical attention.  
Inhalation: Remove to fresh air. If breathing has stopped, give artificial respiration, provided a qualified individual is available. If breathing is difficult, give oxygen, provided a qualified operator is available. Get prompt medical attention.  
Ingestion: If conscious, Do Not induce vomiting. This material is an aspiration hazard. Drink large amounts of water. Get medical attention. If vomiting occurs, give additional water. If drowsy or unconscious, place on left side with head down. Take immediately to hospital. Do Not attempt to induce vomiting or give anything by mouth to an unconscious person. If possible, do not leave individual unattended.

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## **SECTION VII TOXICOLOGICAL INFORMATION**

### *ACUTE HEALTH HAZARDS:*

Eyes: Mild eye irritation, may cause moderate corneal injury and effects may be slow to heal.  
Dermal: Exposure may cause skin irritation. Prolonged or repeated exposure may cause drying, redness, and cracking of the skin. Skin absorption is possible but harmful effects are not expected from this route of exposure under normal conditions of handling and use.  
Inhalation: Short term toxicity from inhalation of mists and vapors is low. Breathing small amounts during normal handling is not likely to cause harmful effects; breathing large amounts may be harmful to nose, throat, respiratory tract, and central nervous system.  
Ingestion: Harmful or fatal if swallowed. Pulmonary aspiration hazard if swallowed and/or vomiting occurs - can enter lungs and cause damage.

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## **SECTION VII (cont.) TOXICOLOGICAL INFORMATION**

*CHRONIC HEALTH HAZARDS:* None expected at the industrial level.

Pre-existing medical conditions aggravated by exposure

Disorders or diseases of the skin, eye, liver, kidney, nervous system, respiratory and/or pulmonary system, lung (e.g. - Asthma-like conditions).

*CARCINOGENICITY:* No data available to indicate any components present at greater than 0.1% may present a carcinogenic hazard.

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## **SECTION VIII SPILL OR LEAK PROCEDURES**

### *STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:*

Absorb free liquid with earth, sand, clay, or absorbent pads. Wash area down with soap and water.

### *WASTE DISPOSAL METHOD:*

In accordance with Local, State and Federal Laws.

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## **SECTION IX    SPECIAL PROTECTION INFORMATION**

Respiratory Protection: Normally not needed in a well ventilated area. If workplace exposure limit(s) of product or any component is exceeded (see exposure guidelines), a NIOSH approved air supplied respirator is advised.

Ventilation: Mechanical to maintain exposure below TLV(s).

Protective Gloves: Rubber.

Eye Protection: Goggles or safety glasses. Provide eye wash station and washing facilities near use or handling facilities.

Other: Wear full work clothing needed to minimize exposure.

Hygienic Practices: Always wash face and hands after contact. Remove contaminated clothing and wash before reuse.

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### **Section X**

### **HMIS Rating**

HMIS Rating    Health – 2, Flammability – 2, Reactivity – 1, PPE – To be determined at work site.

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## **SECTION XI    NOTES**

The information contained herein is based on data considered accurate. However, no warranty is expressed or implied regarding the accuracy of this data or results to be obtained from the use thereof. Vendor assumes no responsibility for injury to vendee or third person proximately caused by the material if reasonable safety procedures are not adhered to as stipulated in the data sheet. Additionally, vendor assumes no responsibility for injury to vendee or third persons proximately caused by abnormal use of the material even if reasonable safety procedures are followed. Furthermore, vendee assumes the risk in the use of this material.

**The above information is furnished without warranty, expressed or implied, except that it is accurate to the best knowledge of MotorVac Technologies, Inc. The data on these sheets relates only to the specific material designated herein. MotorVac Technologies, Inc. assumes no legal responsibility for use or reliance upon this data.**