

Material Safety Data Sheet

Section 1 Chemical Product and Company Identification

Manufacturer

Federal Process Company
4620 Richmond Rd
Cleveland OH 44128

Emergency Telephone Number Call Chemtrec at 1-800-424-9300

Product Identifier: Work Sav'r Power Scrub
Product Description: Complex Mixture
Product Use: Hand Cleaning Compound

Section 2 Composition/Information on Ingredients

Additional information is provided in the Regulatory section of this document for Sara 313, California Proposition 65, and various state right-to-know laws.

Chemical Name	CAS #	OSHA PEL	ACGIH TLV
Surfactant	Mixture	Not Established	Not Established
d-Limonene	5989-27-5	Not Established	Not Established.
M-Cellulose	9004-32-4	Not Established	Not Established
Diethanolamine	111-42-2	3 ppm	2 mg/m ³
Dimethyl Glutarate	1119-40-0	Not Established	Not Established
Pumice	1332-09-8	Not Established	Not Established

Section 3 Hazards Identification

HMIS HAZARD IDENTIFICATION: Health 1 Flammability 2 Reactivity 0

EMERGENCY OVERVIEW:

PHYSICAL HAZARDS: May become slippery if spilled on floor.

ACUTE HEALTH EFFECTS: May cause severe eye irritation but no lasting damage. Transient irritation may result from extended skin contact. If ingested may cause gastrointestinal discomfort. The breathing of concentrated vapors may lead to death.

CHRONIC HEALTH EFFECTS: Years of exposure to high concentrations of solvent vapors could result in lung, liver or kidney damage.

Section 4 First Aid Measures

- INHALATION:** Remove to fresh air, administer oxygen if available if breathing is labored. If breathing has stopped administer artificial respiration. Summon medical help immediately.
- INGESTION:** Unlikely to occur. Do not induce vomiting, consult a physician immediately.
- EYES:** Flush eyes immediately with large quantities of water, lifting the lower and upper lids occasionally.
If irritation persists consult a physician.
- SKIN:** Flush the contaminated skin with water. If irritation develops or persists seek medical advice. Contaminated clothing should be washed prior to re-use.

Section 5 Fire Fighting Measures

EXTINGUISHING MEDIA: Foam (Aqueous Film Forming Foam) , dry chemical, carbon dioxide.

SPECIAL PRECAUTIONS: Water spray may be ineffective but may be used to cool containers. Fog nozzle is preferred. Wear self contained breathing apparatus. Closed containers may explode from internal pressure build up when exposed to extreme heat, and discharge contents.

HAZARDOUS COMBUSTION PRODUCTS: may include dense smoke, carbon dioxide, and under conditions of restricted air supply carbon monoxide.

FLASH POINT: 127 F Open Cup

LOWER FLAMMABLE LIMIT: Not established

UPPER FLAMMABLE LIMIT: Not established

AUTOIGNITION TEMPERATURE: Not established

Section 6 Accidental Release Measures

Isolate the spill area, and keep unnecessary people away. Absorb spilled material with a suitable inert absorbent material. Collect and dispose of the contaminated absorbent in accordance with local state and federal laws. Flush remaining area with water to remove trace residue and dispose of properly. Avoid direct discharge to sewers and surface waters.

Section 7 Handling and Storage

HANDLING: Avoid contact with the skin and eyes. Use good industrial hygiene practices. Provide adequate ventilation. Keep containers closed. No smoking or open flame in storage areas. Wash hands after using product and before eating, drinking, smoking or using toilet facilities.

STORAGE: Do not puncture or incinerate cans. Do not tamper with valve. Do not take internally or spray into eyes. If spilled avoid breathing vapors. Ventilate area, remove all sources of ignition, clean up area with absorbent material and place in closed containers for proper disposal..

Section 8 Exposure Controls/Personal Protection

VENTILATION REQUIREMENTS: In confined areas local and general ventilation should be provided to maintain airborne concentrations below permissible exposure limits. Do not use in confined or restricted spaces.

PERSONAL PROTECTION:

EYE: The wearing of protective glasses is recommended when handling any chemicals.

SKIN: None required under normal use

RESPIRATORY: Provide adequate ventilation in the workplace.

OTHER: Eating and smoking should be prohibited in areas where product is handled. Nothing replaces good personal hygiene. Coveralls or other full body clothing shall be worn and properly laundered after use. Workers should wash hands, face, neck, and arms before eating, drinking, or smoking.

Section 9 Physical and Chemical Properties

PHYSICAL STATE:	Yellow Paste
ODOR AND APPEARANCE:	Yellow color with a citrus like odor.
LOWEST BOILING POINT:	Does not apply
VAPOR PRESSURE:	Not established
VAPOR DENSITY:	Not established
WATER SOLUBILITY:	Dispersible
% ORGANIC VOLATILES:	<2.5% w/w
pH	6.2

Section 10 Stability and Reactivity

STABILITY: This product is stable under recommended conditions of storage and handling.

REACTIVITY: Product may react with strong oxidizers or strong acids

Section 11 Toxicological Information

EXPOSURE LIMITS: The limits reported in Section 2 of this document refer to other physical forms of the ingredients than present in this product. Limits for the formulated product have not been determined. None of the components of this product have been reported as carcinogenic by NTP, OSHA or IARC.

Section 12 Ecological Information

General: Not expected to present any significant ecological problems.

LD50 Oral : No data

LD50 Skin : No data

LD50 Inhalation : No data

Section 13 Disposal Information

Waste materials must be disposed of in accordance with your municipal, state, provincial and federal regulations. Contact the proper authorities for specific instructions.

Section 14 Transportation Information

DOT HAZARD CLASS: Combustible liquid N.O.S.
PROPER SHIPPING NAME: Combustible liquid N.O.S. (contains d-limonene)
IDENTIFICATION NUMBER: NA1993
PACKING GROUP III

Section 15 Regulatory Information

Listed below are chemical substances subject to supplier notification requirements. The percentages, when present represent average values.

CAS Number	SARA	WHMIS	CA-65
	313		

None Known

CA-65 - Chemical substances identified under the California Proposition 65 column are known to the State of California to cause cancer and/or reproductive toxicity. None known

TSCA STATUS: All ingredients of this product comply with the requirements of the US EPA Toxic Substances Control Act.

Section 16 Other

Prepared by R. L.

The above information and recommendations are believed accurate and reliable. Because it is not possible to anticipate all conditions of use, additional safety precautions may be required. The Federal Process Company makes no warranty, either express or implied, including merchantability and fitness.

USER RESPONSIBILITY: Each user should read and understand this information and incorporate it into individual site safety programs in accordance with applicable hazard communication standards and regulations.